IBM Security Role and Policy Modeler
Version 1 Release 1

Message Guide

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Contents

About this publication

IBM Security Role and Policy Modeler Message Guide contains all the product messages. This publication includes an overview of the types of messages used in IBM® Security Role and Policy Modeler and the format of the messages.

Messages indicate events that occur during the operation of the system. Depending on their purpose, messages might be displayed on the screen. By default, all informational, warning, and error messages are written to the message logs. The logs can be reviewed to:

- Determine which events occurred
- Determine what corrective actions were taken
- Audit all the actions performed

Access to publications and terminology

This section provides:
- "IBM Security Role and Policy Modeler library"
- "Online publications"
- "IBM terminology website" on page vi

IBM Security Role and Policy Modeler library

The following documents are available in the IBM Security Role and Policy Modeler library:

- *IBM Security Role and Policy Modeler Quick Start Guide*, GI13-2313
- *IBM Security Role and Policy Modeler Product Overview Guide*, GC27-2795
- *IBM Security Role and Policy Modeler Planning Guide*, SC22-5407
- *IBM Security Role and Policy Modeler Installation and Configuration Guide*, SC27-2743
- *IBM Security Role and Policy Modeler Administration Guide*, SC27-2796
- *IBM Security Role and Policy Modeler Troubleshooting Guide*, GC27-2797
- *IBM Security Role and Policy Modeler Message Guide*, GC27-2744
- *IBM Security Role and Policy Modeler Reference Guide*, SC27-2798
- *IBM Security Role and Policy Modeler Glossary*, SC27-2800

Online publications

IBM posts product publications when the product is released and when the publications are updated at the following locations:

IBM Security Role and Policy Modeler Information Center
The http://publib.boulder.ibm.com/infocenter/tivihelp/v2r1/topic/com.ibm.security.modeling.doc_1.1.0.2/ic-homepage.htm site displays the information center welcome page for this product.

IBM Security Information Center
The http://publib.boulder.ibm.com/infocenter/tivihelp/v2r1/index.jsp site displays an alphabetical list of and general information about all IBM Security product documentation.

IBM Publications Center

The http://www.ibm.com/e-business/linkweb/publications/servlet/ pbi.wss site offers customized search functions to help you find all the IBM publications you need.

IBM terminology website

The IBM Terminology website consolidates terminology from product libraries in one location. You can access the Terminology website at http://www.ibm.com/ software/globalization/terminology.

Accessibility

Accessibility features help users with a physical disability, such as restricted mobility or limited vision, to use software products successfully. With this product, you can use assistive technologies to hear and navigate the interface. You can also use the keyboard instead of the mouse to operate all features of the graphical user interface.

For additional information, see Appendix B, "Accessibility features for IBM Security Role and Policy Modeler," on page 105.

Technical training

For technical training information, see the following IBM Education website at http://www.ibm.com/software/tivoli/education.

Support information

IBM Support provides assistance with code-related problems and routine, short duration installation or usage questions. You can directly access the IBM Software Support site at http://www.ibm.com/software/support/probsub.html.

IBM Security Role and Policy Modeler Troubleshooting Guide provides details about:

- What information to collect before contacting IBM Support.
- The various methods for contacting IBM Support.
- Instructions and problem-determination resources to isolate and fix the problem yourself.

Note: The **Community and Support** tab on the product information center can provide additional support resources.

Chapter 1. Message format

Messages that are generated by IBM Security Role and Policy Modeler contain eight character identifiers. Messages are in the format *CTJRcnnnns*:

IBM Security Role and Policy Modeler messages have the following format.

CTJR The four character function identifier for the product. All IBM Security Role and Policy Modeler messages begin with CTJR.

c   The one-character identifier that represents different functions in the product:

> **G**   Log messages
>
> **I**   Installation messages
>
> **L**   Lifecycle messages
>
> **P**   Plugin messages

nnnn A four digit numerical portion that uniquely identifies each message.

s   An identifier describing the message severity:

> **I**   Informational. The message requires no user action.
>
> **E**   Error. A user action is required.
>
> **W**   Warning. The message might require a user action.

Chapter 2. Log messages

Use these error log messages to help you troubleshoot problems that might have occurred.

CTJRG6000E The user name or password is invalid.

Explanation: The communication with IBM Security Identity Manager failed because of an invalid user name or password.

Administrator response: Run the tool again with the correct user name and password.

CTJRG6025E The specified user is not an IBM Security Identity Manager administrator. Rerun this tool using an IBM Security Identity Manager user name that has administrative privileges.

Explanation: The Load tool failed because the specified IBM Security Identity Manager user did not have administrative privileges.

Administrator response: Run the Load tool again and specify a user with the appropriate administrative privileges.

CTJRG6026E The specified user is not an IBM Security Identity Manager administrator. Rerun this tool using an IBM Security Identity Manager user name that has administrative privileges.

Explanation: The Extract tool failed because the specified IBM Security Identity Manager user did not have administrative privileges.

Administrator response: Run the Extract tool again and specify a user with the appropriate administrative privileges.

CTJRG6027E The specified Extract configuration input file does not exist.

Explanation: The configuration input file, specified as a parameter of the Extract tool, does not exist.

Administrator response: Run the Extract tool again and specify the correct input file name.

CTJRG6028E The specified output directory is invalid.

Explanation: The directory for the output file, specified as a parameter of the Extract tool, is not valid.

Administrator response: Run the Extract tool again and specify the correct output directory.

CTJRG6029W The specified output directory already contains the schema file to be created. Do you want to continue and overwrite the existing file (y/n)?:

Explanation: The output file directory already contains an output schema file with the same name.

Administrator response: Enter y to overwrite the existing schema file, or enter n to discontinue the process without overwriting the file.

CTJRG6030W The specified output directory already contains the data file to be created. Do you want to continue and overwrite the existing file (y/n)?:

Explanation: The output directory already contains a data file with the same name.

Administrator response: Enter y to overwrite the existing data file, or enter n to discontinue the process without overwriting the file.

CTJRG6031E An error occurred while running the Extract tool. Refer to the Extract.log file for additional details.

Explanation: The Extract tool stopped running because of an error.

Administrator response: Refer to the Extract.log file to find the cause of the problem.

CTJRG6033E An error occurred while reading the Extract configuration input file. Refer to the Extract.log file for additional details.

Explanation: The configuration file specified as a parameter of the Extract tool contains invalid data.

Administrator response: Refer to the Extract.log file for additional details. Correct the errors and rerun the Extract tool with the corrected input file.

CTJRG6034W The specified output directory already contains the data and schema files to be created. Do you want to continue and overwrite the existing files (y/n)? :

Explanation: The specified output directory already contains the data and schema files to be created.

Administrator response: Enter y to overwrite both

existing files, or enter n to discontinue the process without overwriting the files.

CTJRG6035E Multiple occurrences of the specified organization unit name are found within your IBM Security Identity Manager server. New roles or policies will not be created in your IBM Security Identity Manager server due to this reason. Edit the Config.properties file to specify the DN value of the required organization unit instead of the name.

Explanation: The Extract tool encountered multiple occurrences of the same organization unit name within the IBM Security Identity Manager server. New roles or policies will not be created.

Administrator response: Edit the Config.properties file to specify DN value of the required organization unit instead of the name. Run the Extract tool again using the updated Config.properties file.

CTJRG6036E The specified organization unit is not found within your IBM Security Identity Manager server.

Explanation: The Load tool specified an invalid organization unit value that does not exist with your IBM Security Identity Manager server.

Administrator response: Edit the Config.properties file to specify the correct value for the required organization container. Run the Load tool again using the updated Config.properties file.

CTJRG6037E The specified organization unit is not found within your IBM Security Identity Manager server.

Explanation: The Load tool specified an invalid organization unit value that does not exist within your IBM Security Identity Manager server.

Administrator response: Edit the Config.properties file to specify the correct value for the required organization unit. Run the Load tool again using the updated Config.properties file.

CTJRG6045E Multiple occurrences of the specified organization container name are found within your Security Identity Manager server. Edit the Extract configuration XML file to specify the DN value of the required organization container instead of its name.

Explanation: The Extract tool encountered an organization container name as a search source that occurs more than once within your Security Identity Manager server.

Administrator response: Edit the Extract configuration

XML file to specify the DN value of the required organization container instead of its name.

CTJRG6046W An invalid role classification was specified. Ignoring role classification to be set for this role: {0}

Explanation: The specified role classification value does not exist in your IBM Security Identity Manager, and is, therefore, ignored by the Load tool.

Administrator response: No action is required.

CTJRG6047E The specified organization container is not found within your IBM Tivoli Identity Manager server. Edit the Extract configuration XML file to specify the correct value of the required organization container.

Explanation: The Extract tool encountered an organization container name as a search source that does not exist your Tivoli Identity Manager server.

Administrator response: Edit the Extract configuration XML file to specify the correct value for the required organization container.

CTJRG6048E One or more errors occurred while running the Load tool. Refer to the Load.log file for additional details.

Explanation: The Load tool encountered one or more errors.

Administrator response: See the Load.log file for more details.

CTJRG6049E The user name or password is invalid.

Explanation: The communication with IBM WebSphere Application Server failed because of invalid login credentials for the application server.

Administrator response: Run the tool again, and ensure that the correct credentials are passed to the command.

CTJRG6052W Role *role name* **is configured as a dynamic role in IBM Security Identity Manager. The load utility has updated the properties of the role except for membership, including filter changes and role hierarchy changes.**

Explanation: The load utility has limited support for updating dynamic roles. It has updated the properties except for membership settings and role hierarchy settings that are not allowed by IBM Security Identity Manager.

User response: Review the role membership for the specified role, and manually update the dynamic role

membership settings in IBM Security Identity Manager. Dynamic roles do not support role hierarchy. If the specified role is included in a hierarchy, then update your model by removing the hierarchical relationships.

CTJRG6053E The separation of duty constraint *sod name* **cannot be added or modified because it contains one or more roles that are defined as dynamic roles in IBM Security Identity Manager.**

Explanation: Associating a dynamic role with a separation of duty policy is not allowed by IBM Security Identity Manager.

User response: Review the roles specified with the separation of duty constraint. Then, manually update the separation of duty constraint in IBM Security Role and Policy Modeler. If the specified separation of duty constraint includes dynamic roles, then update your model by removing the dynamic roles.

CTJRG6054E An error occurred while reading the configuration input file. Refer to the log file for additional details.

Explanation: The configuration input file, specified as an input parameter, does not exist or contains invalid data.

Administrator response: Correct the errors and rerun the tool with the correct configuration input file name input parameter.

CTJRG6055E Multiple roles exist in IBM Security Identity Manager for the URI {0}. Role {1} and its related entities were skipped during the Load operation.

Explanation: The Load tool encountered more than one role assigned to the specified URI. The specified role and its related entities were not processed by the Load tool. Related entities can include, for example, any separation of duty constraints, user assignments, or hierarchical relationships associated with the role.

Administrator response: Ensure that in IBM Security Identity Manager each role has a unique URI associated with it.

CTJRG6056W The current version of IBM Security Identity Manager does not support a role URI. The role distinguished name will be used in the Extract and Load operations.

Explanation: The current version of the Extract and Load tools does not support a role URI.

Administrator response: Ensure that the correct option is configured for the Extract and Load tools.

CTJRG6057E The configured attribute {0} is not valid or the attribute value is not valid.

Explanation: The attribute specified in the configuration file is either not present in IBM Security Identity Manager or contains an incorrect value.

Administrator response: Specify the correct attributes for the Load tool and in IBM Security Identity Manager. Also, ensure that the attributes contain the correct values.

CTJRG6058E As multiple URIs exist for the role {0} in IBM Security Identity Manager, the role was not extracted.

Explanation: The Extract tool is supported for roles having only one URI.

Administrator response: Ensure that in IBM Security Identity Manager each role has only one URI associated with it.

CTJRG7000E The role with ID {0} cannot be retrieved because of an internal error.

Explanation: The request failed because an internal error occurred while retrieving the role. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRG7001E The role with ID {0} cannot be found.

Explanation: The role with the specified identifier was not found. The role might have been deleted.

Administrator response: Specify information for a role that exists, and resubmit the request.

CTJRG7002E The user with ID {0} cannot be retrieved because of an internal error.

Explanation: The request failed because an internal error occurred while retrieving the user. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRG7003E The user with ID {0} cannot be found.

Explanation: The user with the specified identifier was not found. The user might have been deleted.

Administrator response: Specify information for a user that exists, and resubmit the request.

CTJRG7004E The parent roles cannot be added for the role with ID {0} because of an internal error.

Explanation: No parent roles were added because an internal error occurred. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRG7005E The parent roles cannot be added for the role with ID {0} because one or more parent roles cannot be found.

Explanation: No parent roles were added. The system cannot find one or more parent roles. One or more parent roles might have been deleted.

Administrator response: Examine the log files for additional information about the problem.

CTJRG7006E The parent roles cannot be added for the role with ID {0}. One or more parent roles are invalid.

Explanation: No parent roles were added. One or more parent roles are invalid. Parent roles must not include the subject role, any descendant role of the subject role, or any immediate parent of the subject role.

User response: Make sure the specified parent roles do not include any invalid roles. Resubmit the request.

Administrator response: Examine the log files for additional information about the problem.

CTJRG7007E The child roles cannot be added for the role with ID {0} because of an internal error.

Explanation: No child roles were added because an internal error occurred. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRG7008E The child roles cannot be added for the role with ID {0} because one or more child roles cannot be found.

Explanation: No child roles were added. The system cannot find one or more child roles. One or more child roles might have been deleted.

Administrator response: Examine the log files for additional information about the problem.

CTJRG7009E The child roles cannot be added for the role with ID {0}. One or more child roles are invalid.

Explanation: No child roles were added. One or more child roles are invalid. Child roles must not include the subject role, any ancestor role of the subject role, or any immediate child of the subject role.

User response: Make sure the specified child roles do not include any invalid roles. Resubmit the request.

Administrator response: Examine the log files for additional information about the problem.

CTJRG7010E The role owners cannot be added for the role with ID {0} because of an internal error.

Explanation: No role owners were added because an internal error occurred. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRG7011E The role owners cannot be added for the role with ID {0} because one or more role owners cannot be found.

Explanation: No role owners were added. The system cannot find one or more role owners. One or more role owners might have been deleted.

Administrator response: Examine the log files for additional information about the problem.

CTJRG7012E The role owners cannot be added for the role with ID {0} because it causes the role to exceed the maximum of {1} owners.

Explanation: No role owners were added. Adding the role owners would cause the role to exceed the specified maximum number of owners.

User response: Reduce the number of owners and resubmit the request.

Administrator response: Examine the log files for additional information about the problem.

CTJRG7013E The role members cannot be added for the role with ID {0} because of an internal error.

Explanation: No role members were added because an internal error occurred. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRG7014E The role members cannot be added for the role with ID {0} because one or more role members cannot be found.

Explanation: No role members were added. The system cannot find one or more role members. One or more role members might have been deleted.

Administrator response: Examine the log files for additional information about the problem.

CTJRG7015E The parent roles cannot be removed for the role with ID {0} because of an internal error.

Explanation: No parent roles were removed because an internal error occurred. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRG7016E The parent roles cannot be removed for the role with ID {0} because one or more roles cannot be found.

Explanation: No parent roles were removed. There are several possible reasons why the roles cannot be found. The system cannot find the role for which you want to remove the parent roles. The system cannot find the parent roles. The roles might have been deleted.

Administrator response: Examine the log files for additional information about the problem.

CTJRG7017E The child roles cannot be removed for the role with ID {0} because of an internal error.

Explanation: No child roles were removed because an internal error occurred. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRG7018E The child roles cannot be removed for the role with ID {0} because one or more roles cannot be found.

Explanation: No child roles were removed. There are several possible reasons why the roles cannot be found. The system cannot find the role for which you want to remove the child roles. The system cannot find the child roles. The roles might have been deleted.

Administrator response: Examine the log files for additional information about the problem.

CTJRG7019E The role owners cannot be removed for the role with ID {0} because of an internal error.

Explanation: No role owners were removed because an internal error occurred. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRG7020E The role owners cannot be removed for the role with ID {0} because the role or one or more role owners cannot be found.

Explanation: No role owners were removed. There are several possible reasons why the role owners cannot be found. The system cannot find the role for which you want to remove the role owners. The system cannot find the role owners. The role or role owners might have been deleted.

Administrator response: Examine the log files for additional information about the problem.

CTJRG7021E The role members cannot be removed for the role with ID {0} because of an internal error.

Explanation: No role members were removed because an internal error occurred. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRG7022E The role members cannot be removed for the role with ID {0} because the role or one or more role members cannot be found.

Explanation: No role members were removed. There are several possible reasons why the role members cannot be found. The system cannot find the role for which you want to remove the role members. The system cannot find the role members. The role or role members might have been deleted.

Administrator response: Examine the log files for additional information about the problem.

CTJRG7023W The system generated separation of duty constraint warnings while adding a parent role or child role. It cannot retrieve the details about the warnings because of an internal error.

Explanation: The parent or child roles were successfully added, but the generated warnings cannot be retrieved because of an internal error. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRG7024W   The system generated separation of duty constraint warnings while adding a parent role or child role. It cannot retrieve details about the warnings because a role or separation of duty constraint cannot be found.

Explanation: The parent or child roles were successfully added, but the generated warnings cannot be retrieved because a role or separation of duty constraint cannot be found. A role or separation of duty constraint might have been deleted.

Administrator response: Examine the log files for additional information about the problem.

CTJRG7025E The role with ID {0} cannot be changed because of an internal error.

Explanation: The request failed because an internal error occurred while changing the role. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRG7026E The role type with ID {0} cannot be found.

Explanation: The role type with the specified identifier was not found. It might have been deleted.

Administrator response: Specify information for a role type that exists, and resubmit the request.

CTJRG7027E The request to create or change the role with ID {0} failed. The specified parent or child roles cannot be found.

Explanation: The request to create or change the role having the specified identifier failed because one or more of the specified parent or child roles cannot be found. One or more of the specified parent or child roles might have been deleted.

User response: Correct the parent and child roles, and resubmit the request.

CTJRG7028E The role with ID {0} cannot be deleted because of an internal error.

Explanation: The request failed because an internal error occurred while deleting the role. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRG7029E The owners for the role with ID {0} cannot be retrieved because of an internal error.

Explanation: The request failed because an internal error occurred while retrieving the role owners. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRG7030E The parent roles for the role with ID {0} cannot be retrieved because of an internal error.

Explanation: The request failed because an internal error occurred while retrieving the parent roles. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRG7031E The child roles for the role with ID {0} cannot be retrieved because of an internal error.

Explanation: The request failed because an internal error occurred while retrieving the child roles. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRG7032E The permissions for the role with ID {0} cannot be retrieved because of an internal error.

Explanation: The request failed because an internal error occurred while retrieving the role permissions. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRG7033E The model with ID {0} cannot be retrieved because of an internal error.

Explanation: The request failed because an internal error occurred while retrieving the model. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRG7034E The role with the ID {0} cannot be deleted because the selected method for deleting a role is not supported: {1}.

Explanation: The following methods are supported for deleting a role: Delete a role, but maintain its inheritance relationships. Its parent roles become the parent roles of its child roles. Delete a role but not its descendant roles. Delete a role and its descendant roles.

User response: Change the method by which you want to delete the role and try again.

CTJRG7035E The model with ID {0} cannot be found.

Explanation: The model with the specified identifier was not found. The model might have been deleted.

User response: Resubmit the request and specify information for a model that exists.

CTJRG7036E The role with ID {0} cannot be copied because of an internal error.

Explanation: The role with the specified identifier was not copied because an internal error occurred. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRG7037E The parent candidate roles for the role with ID {0} cannot be retrieved because of an internal error.

Explanation: The request failed because an internal error occurred while retrieving the parent candidate roles. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRG7038E The child candidate roles for the role with ID {0} cannot be retrieved because of an internal error.

Explanation: The request failed because an internal error occurred while retrieving the child candidate roles. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRG7039E The project with ID {0} cannot be found.

Explanation: The project with the specified identifier was not found. The project might have been deleted.

User response: Resubmit the request specifying information for a project that exists.

CTJRG7040E The project with ID {0} cannot be retrieved because of an internal error.

Explanation: The request failed because an internal error occurred while retrieving the project. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRG7041E The userscope attribute with ID {0} cannot be retrieved because of an internal error.

Explanation: The request failed because an internal error occurred while retrieving the userscope attribute. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRG7042E The userscope attribute with ID {0} cannot be found.

Explanation: The userscope attribute with the specified identifier was not found. The userscope attribute might have been deleted.

User response: Specify a userscope attribute that exists, and resubmit the request.

CTJRG7043E The identity schema attribute with ID {0} cannot be found.

Explanation: The identity schema attribute with the specified identifier was not found. The attribute might have been deleted.

User response: Specify an identity schema attribute that exists, and resubmit the request.

CTJRG7044E The value with ID *attribute_value_id* for schema attribute with ID *attribute_id* cannot be found.

Explanation: The schema attribute value with the specified identifier was not found. It might have been deleted.

User response: Specify a schema attribute value that exists, and resubmit the request.

CTJRG7045E The request failed because the headers do not specify the required value for the following batch request: {0}.

Explanation: The request for the specified URI failed because the X-HTTP-Method-Override or X-Method-Override request header does not specify the required value of BATCH.

User response: Specify a value of BATCH for either the X-HTTP-Method-Override or X-Method-Override request header and resubmit the request.

CTJRG7046E The permission with ID {0} cannot be retrieved because of an internal error.

Explanation: The request failed because an internal error occurred while retrieving the permission. For example, the database might be inaccessible.

Administrator response: Examine the log files for

additional information about the problem.

CTJRG7047E The permission with ID {0} cannot be found.

Explanation: The permission with the specified identifier was not found. The permission might have been deleted.

Administrator response: Resubmit the request specifying information for a permission that exists.

CTJRG7048E The role permissions cannot be added for the role with ID {0} because of an internal error.

Explanation: No role permissions were added because an internal error occurred. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRG7049E The role permissions cannot be added for the role with ID {0} because one or more role permissions cannot be found.

Explanation: No role permissions were added. The system cannot find one or more role permissions. One or more role permissions might have been deleted.

Administrator response: Examine the log files for additional information about the problem.

CTJRG7050E The role permissions cannot be removed for the role with ID {0} because of an internal error.

Explanation: No role permissions were removed because an internal error occurred. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRG7051E The role permissions cannot be removed for the role with ID {0} because the role or one or more role permissions cannot be found.

Explanation: No role permissions were removed. There are several possible reasons why the role permissions cannot be found. The system cannot find the role for which you want to remove the role permissions. The system cannot find the role permissions. The role or role permissions might have been deleted.

Administrator response: Examine the log files for additional information about the problem.

CTJRG7052E The entity type {0} is not supported.

Explanation: The entity types supported for adding, modifying, or deleting attributes are roles and separation of duty constraints.

User response: Ensure that the REST URL has /isrm/rest/models/modelId/entityType/entityTypeId/ attributes, where supported entityType values are roles and sodconstraints.

CTJRG7053E An error occurred when loading the attributes of entity type {0}.

Explanation: The request failed because an internal error occurred while retrieving the attributes for the entity. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRG7054E An error occurred when loading the unique attribute values for entity type {0}.

Explanation: The request failed because an internal error occurred while retrieving the attributes for the entity. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRG7055E An incorrect value {0} passed for attribute {1}.

Explanation: The request failed because an incorrect value was assigned to the attribute. For example, a long or an alphabetic character was assigned to an attribute of type integer.

Administrator response: Examine the log files for additional information about the problem.

CTJRG7056E The attribute value identifier {0} for entity type {1} is not present.

Explanation: The request failed because an incorrect attribute value identifier was specified.

Administrator response: Specify a valid attribute value identifier, and resubmit the request.

CTJRG7057E The attribute values collection passed to the backend cannot be null.

Explanation: A null value was passed to remove the attribute values.

Administrator response: Use a collection filled with valid attribute values.

CTJRG7058E An error occurred when deleting the attribute values for entity type {0}.

Explanation: The request failed because an internal error occurred while retrieving the attributes for the entity. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRG7059E An error occurred when adding attribute values for entity type {0}.

Explanation: The request failed because an internal error occurred while adding the attributes for the entity. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRG7060E The attribute type {0} is not supported.

Explanation: The request failed because the specified attribute type is not supported. The supported attribute types are integer, string, identity, and hierarchy.

Administrator response: Specify a supported attribute type, and resubmit the request.

CTJRG7061E The entity type {0} with ID {1} cannot be found for adding attribute values.

Explanation: The request failed because the specified entity cannot be loaded. If the attribute type is identity or hierarchical, the missing entity could be either the identity or hierarchical node.

Administrator response: Examine the log files for additional information about the problem.

CTJRG7062E The request to commit the session {0} failed because of an internal error.

Explanation: The request failed because an internal error occurred while committing the session. For example, the database might be inaccessible or the session state might be invalid.

Administrator response: Examine the log files for additional information about the problem.

CTJRG7063E The attribute with ID {0} and values {1} cannot be added to {2} with ID {3}. Either the attribute, its values, or its entity type is missing.

Explanation: There are multiple reasons for this error. Either the attribute value is missing while adding attributes of type hierarchy or identity, or the entity type to which the attributes are being added, is missing.

Administrator response: Verify that the attribute

values and the entity type are valid, and resubmit the request.

CTJRG7064E An error occurred when updating attribute values for entity type {0}.

Explanation: The request failed because an internal error occurred while updating the attributes for the entity. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRG7065E The modify request failed for identity or hierarchy attribute values.

Explanation: The request failed because either an identity or hierarchical node could not be found.

Administrator response: Verify the identity value, hierarchy value, or both, that are passed to the modify request.

CTJRG7066E The attribute values specified in the add request for entity type {0} are invalid.

Explanation: The request failed because null attribute values were passed in the add request.

Administrator response: Specify valid attribute values in the add request, and resubmit the request.

CTJRG7067E The attribute values specified in the update request for entity type {0} are invalid.

Explanation: The request failed because null attribute values were passed in the update request.

Administrator response: Specify valid attribute values in the update request, and resubmit the request.

CTJRG7068E The pattern name {0} is either incorrect or the pattern with the mentioned name is not available.

Explanation: The pattern name uniquely identifies the algorithm that is to be used for role generation. The error occurs when the provided pattern name is incorrect or is not supported. The pattern name should be provided in the correct case, as the lookup for the pattern is case sensitive.

Administrator response: Specify the correct pattern name, and resubmit the request.

CTJRG7069E The request format is not supported by the role generation server.

Explanation: The role generation expects the configuration of the pattern in a map. For any other data structure, the exception occurs.

Administrator response: Ensure that you pass the pattern configuration values in a map data structure, such as key value pairs.

CTJRG7070E The role name prefix is missing.

Explanation: The role generation process requires a role name prefix for naming the generated roles.

Administrator response: Ensure that you pass the role name prefix for generating roles.

CTJRG7071E There are roles containing the role name prefix {0} in the project.

Explanation: The role name prefix matches some role names in the project. Pass a role name prefix that does not match any existing roles name.

Administrator response: Ensure that you pass a unique role name prefix for generating roles.

CTJRG7072E The project is corrupted.

Explanation: The request failed because the project is corrupted. For example, the project does not have a model.

Administrator response: Examine the log files for additional information about the problem.

CTJRG7073E The task submission for role generation failed.

Explanation: The task submission failed because of an error; the task was rejected.

Administrator response: Examine the log files for additional information about the problem.

CTJRG7074E A validation error occurred during generation of roles.

Explanation: Some of the configuration parameters passed to the pattern might be incorrect.

Administrator response: Verify the configuration parameters passed to the role generation pattern.

CTJRG7075E Validation error occurred for session {0}.

Explanation: The task cannot be completed because an error occurred during submission, or the task was rejected.

Administrator response: Examine the log files for additional information about the problem.

CTJRG7076E The session {0} with status {1} is invalid for a commit or validate operation.

Explanation: The valid values supported for commit and validate are committing and validating respectively.

User response: Specify the correct session status and try again.

CTJRG7077E The session {0} has an invalid status {1}.

Explanation: Confirm the valid values supported by the session status attribute.

User response: Specify the correct session status, and resubmit the operation.

CTJRG7078W The value specified for the allow direct parameter is either null or incorrect.

Explanation: The allow direct parameter value is incorrect. Valid values are YES, NO, TRUE, or FALSE.

User response: Specify a valid value, and resubmit the operation.

CTJRG7079E An error occurred while submitting a task for analyzing the role generation.

Explanation: The task cannot be completed because an error occurred during submission, or the task was rejected.

Administrator response: Examine the log files for additional information about the problem.

CTJRG7080E A validation error occurred while analyzing the role generation pattern.

Explanation: An incorrect number of configuration parameters were passed to the pattern. The number of configuration parameters that were passed did not match the value defined.

Administrator response: Ensure that the correct number of configuration parameters are passed to the pattern for analyzing role generation.

CTJRG7081E The recovery process failed at application startup due to an unexpected error.

Explanation: The request failed because of an internal error.

Administrator response: Examine the log files for additional information about the problem.

CTJRG7082E The recovery process failed at application startup due to an error accessing or updating the data store.

Explanation: The recovery check at startup failed due to an error accessing the data store. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRG7083E The sort parameter {0} is invalid.

Explanation: The sorting parameter requires the following format: sort(sortvalue) . (sortvalue) specifies + for ascending or - for descending and is followed by the column name on which you want to sort the table. For example, to sort a table in descending order by the column description, specify sort(-description) .

Administrator response: Resubmit the request with valid sort parameters.

CTJRG7084E The role with ID {0} or the model with ID {1} is missing and cannot be loaded.

Explanation: Verify if the specified role and model exists. Confirm that the role exists in the specified model.

Administrator response: Resubmit the request with a valid role and model.

CTJRG7085E An internal server error occurred while fetching the user permission analysis information for role with ID {0}.

Explanation: The request to retrieve the user permission analysis information failed because of an internal error. For example, the database might be inaccessible.

User response: View the log files for additional information about the problem.

CTJRG7086E The following query set parameter is not supported: {0}.

Explanation: A valid query set parameter of roleMembers or nonRoleMembers was not specified.

User response: Resubmit the request with a valid query set parameter.

CTJRG7087E The query parameter roleUri is not specified in the request.

Explanation: The roleUri query parameter is required for identifying the role for which the analysis data is to be fetched.

Administrator response: Specify the roleUri query parameter and resubmit the request.

CTJRG7088E The following entity type is invalid: {0}.

Explanation: The entity type specified was invalid. The supported entity type for removing the attributes is roles.

Administrator response: Specify the correct entity type, and resubmit the operation.

CTJRG7089E The operation to delete an attribute is invalid.

Explanation: The operation is not supported on the project.

Administrator response: Examine the log files for additional information about the problem.

CTJRG7090E The role {0} is not found or its model does not match the model in the request.

Explanation: The specified role does not exist or its model does not match the model in the request.

Administrator response: Examine the log files for additional information about the problem.

CTJRG7091E The attribute values for the role {0} cannot be retrieved because of an internal error.

Explanation: The request failed because an internal error occurred while retrieving the attribute values for a role. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRG7092E The specified action cannot be performed at the present time. Wait for any current action to complete before retrying.

Explanation: The role state or the session state does not allow the attempted action.

Administrator response: Wait for the current action to complete. Then, refresh and retry the action.

CTJRG7093E An internal server error occurred while loading attributes for entity type {0} with ID {1}.

Explanation: The request failed because an internal error occurred while fetching the details of the attributes. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRG7094E An internal server error occurred while fetching the permission analysis information for role with ID {0}.

Explanation: The request to retrieve the permission analysis information failed because of an internal error. For example, the database might be inaccessible.

User response: Examine the log files for additional information about the problem.

CTJRG8002W An unexpected error occurred during project creation. The system failed to create the project project_name**.**

Explanation: An unexpected error occurred during project creation. The project was not created.

User response: Delete the project and create it again.

Administrator response: Examine the product logs for information about the underlying problem. If you need further assistance, contact IBM Software Support.

CTJRG8003E The project creation process failed for project project_name **due to an unexpected data integrity problem. The system could not locate a required project object in the data store.**

Explanation: An error occurred locating the project data in the data store. The system failed to create the project. This error is due to one or more invalid references in the data store.

User response: Delete the project and create the project again. If the problem recurs, contact your system administrator.

Administrator response: Examine the product logs for information about the underlying problem. If you need further assistance, contact IBM Software Support.

CTJRG8003W The session commit process was canceled for session session_name**.**

Explanation: An error occurred during session commit. The system canceled the task.

User response: Resubmit the session commit task. If the problem recurs, contact your system administrator.

Administrator response: Examine the product logs for information about the underlying problem. If you need further assistance, contact IBM Software Support.

CTJRG8004E The project creation process failed for project project_name **due to an unexpected problem with the data store.**

Explanation: An unexpected error occurred during project creation. The system failed to create the project.

User response: Delete the project and create it again.

If the problem recurs, contact your system administrator.

Administrator response: Examine the product logs for information about the underlying problem. If you need further assistance, contact IBM Software Support.

CTJRG8005E User membership in role named role_name **will cause a violation of separation of duty constraint with description** sod_constraint_description **because the role has one or more parent roles also in the separation of duty constraint.**

Explanation: Due to the definition of the separation of duty constraint and the hierarchical relationship of the involved roles, any user who is a member of the named role is in violation of the separation of duty constraint.

User response: After examining the details of the specified separation of duty constraint, take one of the following actions: update the roles involved to exclude child roles of the named role, or change the hierarchical relationship of the named role to other roles in the separation of duty constraint.

CTJRG8005W The session commit process failed for session session_name**.**

Explanation: An unexpected error occurred during session commit. The system failed to commit the session.

User response: Resubmit the session commit task. If the problem recurs, contact your system administrator.

Administrator response: Examine the product logs for information about the underlying problem. If you need further assistance, contact IBM Software Support.

CTJRG8006W Membership in role named role_name **contributes to** user_count **users being in violation of the separation of duty constraint with description** sod_constraint_description**.**

Explanation: Membership in the specified role contributes to one or more users being in violation of the specified separation of duty constraint.

User response: Examine the specified separation of duty constraint to see which roles are involved and the details on the violations of the separation of duty constraint. This warning message remains active until you perform one of the following actions to fix the violation: change the user membership of one or more roles, change the role hierarchy of one or more roles, or update the separation of duty constraint to remove the condition that is causing the violation.

CTJRG8012W   The project deletion process was canceled for project *project_name*.

Explanation: An error occurred during project deletion. The system canceled the task.

User response: Delete the project again. If the problem recurs, contact your system administrator.

Administrator response: Examine the product logs for information about the underlying problem. If you need further assistance, contact IBM Software Support.

CTJRG8013E The project deletion process failed for project *project_name* **due to an unexpected data integrity problem. The system could not locate a required project object in the data store.**

Explanation: An error occurred locating the project data in the data store. The system failed to delete the project.

User response: Try deleting the project again. If the problem recurs, contact your system administrator.

Administrator response: Examine the product logs for information about the underlying problem. If you need further assistance, contact IBM Software Support.

CTJRG8014E The project deletion process failed for project *project_name* **due to an unexpected problem with the data store.**

Explanation: An unexpected error occurred during project deletion. The system failed to delete the project.

User response: Try deleting the project again. If the problem recurs, contact your system administrator.

Administrator response: Examine the product logs for information about the underlying problem. If you need further assistance, contact IBM Software Support.

CTJRG8015E During application startup, the system discovered that the creation of project *project_name* **was not active and will not complete. The project status has been updated to indicate that project creation has failed.**

Explanation: The system discovered that the project creation process started for the project but was not running when the system started up. Typically, this occurs when the project creation process was running during an unexpected application shutdown. It marked the project creation process as failed.

User response: Delete the project and create it again. If the problem recurs, contact your system administrator.

Administrator response: Examine the product logs for information about the underlying problem. If you need

further assistance, contact IBM Software Support.

CTJRG8016E While loading projects, the system discovered that the creation of project *project_name* **was not active and will not complete. The project status has been updated to indicate that project creation has failed.**

Explanation: The system discovered that the project creation process started for the project but was not running. It marked the project creation process as failed.

User response: Delete the project and create it again. If the problem recurs, contact your system administrator.

Administrator response: Examine the product logs for information about the underlying problem. If you need further assistance, contact IBM Software Support.

CTJRG8017E During application startup, the system discovered that the scope change for project *project_name* **was not active and will not complete. The project status has been updated to indicate that the project scope change has failed.**

Explanation: The system discovered that the project scope change started for the project but was not running when the system started up. Typically, this occurs when the project scope change was running during an unexpected application shutdown. It marked the project scope change process as failed.

User response: Resubmit the change to project scope. If the problem recurs, contact your system administrator.

Administrator response: Examine the product logs for information about the underlying problem. If you need further assistance, contact IBM Software Support.

CTJRG8018E While loading projects, the system discovered that the scope change for project *project_name* **was not active and will not complete. The project status has been updated to indicate that the project scope change has failed.**

Explanation: The system discovered that the project scope change started for the project but was not running. It marked the project scope change process as failed.

User response: Resubmit the change to project scope. If the problem recurs, contact your system administrator.

Administrator response: Examine the product logs for information about the underlying problem. If you need further assistance, contact IBM Software Support.

CTJRG8019E During application startup, the system discovered that the deletion of project *project_name* **was not active and will not complete. The project status has been updated to indicate that project deletion has failed.**

Explanation: The system discovered that the project deletion started for the project but was not running when the system started up. Typically, this occurs when the project deletion was running during an unexpected application shutdown. It marked the project deletion process as failed.

User response: Resubmit the deletion request for the project. If the problem recurs, contact your system administrator.

Administrator response: Examine the product logs for information about the underlying problem. If you need further assistance, contact IBM Software Support.

CTJRG8020E While loading projects, the system discovered that the deletion of project *project_name* **was not active and will not complete. The project status has been updated to indicate that project deletion has failed.**

Explanation: The system discovered that the project deletion started for the project but was not running. It marked the project deletion process as failed.

User response: Resubmit the deletion request for the project. If the problem recurs, contact your system administrator.

Administrator response: Examine the product logs for information about the underlying problem. If you need further assistance, contact IBM Software Support.

CTJRG8021E During application startup, the system discovered that role generation for project *project_name* **was not active and will not complete. The project status has been updated to indicate that role generation has failed.**

Explanation: The system discovered that role generation started for the project but was not running when the system started up. Typically, this occurs when a role generation session was running during an unexpected application shutdown. It marked the role generation process as failed.

User response: Remove any generated roles and resubmit the role generation request. If the problem recurs, contact your system administrator.

Administrator response: Examine the product logs for information about the underlying problem. If you need further assistance, contact IBM Software Support.

CTJRG8022E While loading projects, the system discovered that role generation for project *project_name* **was not active and will not complete. The project status has been updated to indicate that role generation has failed.**

Explanation: The system discovered that role generation started for the project but was not running. It marked the role generation process as failed.

User response: Remove any generated roles and resubmit the role generation request. If the problem recurs, contact your system administrator.

Administrator response: Examine the product logs for information about the underlying problem. If you need further assistance, contact IBM Software Support.

CTJRG8023E During application startup, the system discovered that a recalculate request for project *project_name* **was not active and will not complete. The project status has been updated to indicate that the request has failed.**

Explanation: The system discovered that a recalculate task started for the project but was not running when the system started up. Typically, this occurs when the recalculate request was running during an unexpected application shutdown. It marked the task as failed.

User response: Resubmit the recalculate request. If the problem recurs, contact your system administrator.

Administrator response: Examine the product logs for information about the underlying problem. If you need further assistance, contact IBM Software Support.

CTJRG8024E While loading projects, the system discovered that a recalculate request for project *project_name* **was not active and will not complete. The project status has been updated to indicate that the request has failed.**

Explanation: The system discovered that a recalculate task started for the project but was not running. It marked the task as failed.

User response: Resubmit the recalculate request. If the problem recurs, contact your system administrator.

Administrator response: Examine the product logs for information about the underlying problem. If you need further assistance, contact IBM Software Support.

CTJRG8025E During application startup, the system discovered that the membership qualifier evaluation in project *project_name* **for role** *role_name* **was not active and will not complete. The membership qualifier evaluation status has been updated to indicate that the evaluation has failed.**

Explanation: The system discovered that a membership qualifier evaluation started for the role, but was not running when the system started up. Typically, this occurs if the evaluation was running during an unexpected application shutdown. It marked the membership qualifier evaluation as failed.

User response: Submit a recalculate request for the specified project. This will reevaluate all membership qualifiers in the project. If the problem recurs, contact your system administrator.

Administrator response: Examine the product logs for information about the underlying problem. If you need further assistance, contact IBM Software Support.

CTJRG8026E While loading projects, the system discovered that the membership qualifier evaluation in project *project_name* **for role** *role_name* **was not active and will not complete. The membership qualifier evaluation status has been updated to indicate that the evaluation has failed.**

Explanation: The system discovered that a membership qualifier evaluation started for the role, but was not running when the system started up. It marked the membership qualifier evaluation as failed.

User response: Submit a recalculate request for the specified project. This will reevaluate all membership qualifiers in the project. If the problem recurs, contact your system administrator.

Administrator response: Examine the product logs for information about the underlying problem. If you need further assistance, contact IBM Software Support.

CTJRG8102W The role generation process was canceled for project *project_name*.

Explanation: An error occurred during role generation for the project. The system canceled the task.

User response: Delete any new roles that were generated, and launch the role generation process again. If the problem recurs, contact your system administrator.

Administrator response: Examine the product logs for information about the underlying problem. If you need further assistance, contact IBM Software Support.

CTJRG8103E The role generation process failed for project *project_name* **due to an unexpected problem.**

Explanation: An unexpected error occurred during role generation. The system failed to complete role generation for the project.

User response: Delete any new roles that were generated, and launch the role generation process again. If the problem recurs, contact your system administrator.

Administrator response: Examine the product logs for information about the underlying problem. If you need further assistance, contact IBM Software Support.

CTJRG8104E The role generation process failed for project *project_name* **due to a problem loading the identities and permissions in the project.**

Explanation: An unexpected error occurred while reading the identities and permissions in the project.

User response: Launch the role generation process again. If the problem recurs, contact your system administrator.

Administrator response: Examine the product logs for information about the underlying problem. If you need further assistance, contact IBM Software Support.

CTJRG8105E The role generation process failed for project *project_name* **due to a problem initializing the role hierarchy.**

Explanation: An unexpected error occurred while initializing a role hierarchy for the project.

User response: Launch the role generation process again. If the problem recurs, contact your system administrator.

Administrator response: Examine the product logs for information about the underlying problem. If you need further assistance, contact IBM Software Support.

CTJRG8106E The role generation process failed for project *project_name* **due to a problem writing the generated roles to the data store.**

Explanation: An unexpected error occurred while writing generated roles to the data store, causing role generation to fail.

User response: Delete any new roles that were generated, and launch the role generation process again. If the problem recurs, contact your system administrator.

Administrator response: Examine the product logs for information about the underlying problem. If you need

further assistance, contact IBM Software Support.

CTJRG8107E **The role generation process failed for project** *project_name* **due to a problem writing the generated role hierarchy relationships to the data store.**

Explanation: An unexpected error occurred while writing generated role hierarchy to the data store, causing role generation to fail. The roles which have been generated are not connected through the hierarchy; therefore, they do not reflect the user-to-permission assignments.

User response: Delete any new roles that were generated, and launch the role generation process again. If the problem recurs, contact your system administrator.

Administrator response: Examine the product logs for information about the underlying problem. If you need further assistance, contact IBM Software Support.

CTJRG8108E **The role generation process failed for project** *project_name* **due to a problem with the threads used to generate roles.**

Explanation: An unexpected error occurred while generating roles, causing role generation to fail.

User response: Launch the role generation process again. If the problem recurs, contact your system administrator.

Administrator response: Examine the product logs for information about the underlying problem. If you need further assistance, contact IBM Software Support.

CTJRG8109E **The role generation process failed for project** *project_name* **due to a problem submitting a subtask to the work manager.**

Explanation: An unexpected error occurred while generating roles, causing role generation to fail.

User response: Launch the role generation process again. If the problem recurs, contact your system administrator.

Administrator response: Verify the tuning configuration for the work manager instances of the product. Examine the product logs for information about the underlying problem. If you need further assistance, contact IBM Software Support.

CTJRG8110E **The role generation process failed for project** *project_name* **due to a problem executing a subtask.**

Explanation: An unexpected error occurred while generating roles, causing role generation to fail.

User response: Launch the role generation process

again. If the problem recurs, contact your system administrator.

Administrator response: Examine the product logs for information about the underlying problem. If you need further assistance, contact IBM Software Support.

CTJRG8111E **The role generation process failed for project** *project_name* **because of a validation error with the preference values submitted for role generation. The invalid preferences are:** *invalid_preferences_comma_separated*.

Explanation: One or more of the preferences specific to role generation were invalid, causing role generation to fail.

User response: Correct the preferences listed in this message and launch the role generation process again. If the problem recurs, contact your system administrator.

Administrator response: Examine the product logs for information about the underlying problem. If you need further assistance, contact IBM Software Support.

CTJRG8112E **The role generation process failed for project** *project_name* **because the pattern selected for role generation was not valid.**

Explanation: An invalid pattern was selected for role generation, causing role generation to fail.

User response: Select a valid role generation pattern and launch the role generation process again. If the problem recurs, contact your system administrator.

Administrator response: Examine the product logs for information about the underlying problem. If you need further assistance, contact IBM Software Support.

CTJRG8116W **The project scope change process was canceled for project** *project_name*.

Explanation: An error occurred during project scope change evaluation. The system canceled the task.

User response: Evaluate the scope change for the project again.

Administrator response: Examine the product logs for information about the underlying problem. If you need further assistance, contact IBM Software Support.

CTJRG8117E **The project scope change process failed for project** *project_name* **due to an unexpected data integrity problem. The system could not locate a required project object in the data store.**

Explanation: An error occurred while locating the project data in the data store. The system failed to

change the scope of the project.

User response: Try to evaluate the scope change for the project again. If the problem recurs, contact your system administrator.

Administrator response: Examine the product logs for information about the underlying problem. If you need further assistance, contact IBM Software Support.

CTJRG8118E The project scope change process failed for project *project_name* **due to an unexpected problem with the data store.**

Explanation: An unexpected error occurred during project scope change evaluation. The system failed to evaluate the scoping filters for the project.

User response: Try to evaluate the scope change again. If the problem recurs, contact your system administrator.

Administrator response: Examine the product logs for information about the underlying problem. If you need further assistance, contact IBM Software Support.

CTJRG8119W This project is too large to perform role generation. Statistics about the size of this project are: number of identities is *identity_count***, maximum allowed is** *max_identity_count***, number of permissions is** *permission_count***, maximum allowed is** *max_permission_count***, potential number of identity-to-permission relationships is** *user_to_permission_count***, maximum allowed is** *max_user_to_permission_count***.**

Explanation: Role generation cannot be performed on this project because there are too many users, permissions, or user-to-permission assignments in the scope.

User response: Reduce the scope of your project and try role generation again. This message contains detailed statistics about the number of identities and permissions that are currently in scope.

CTJRG8120W Role generation is not recommended for this project because the identities, permissions, or both in the scope do not show a strong correlation to each other. Statistics about the project: percentage of identities which are unique is *percentage_unique_identities***, maximum allowed is** *max_percentage_unique_identities***, percentage of permissions which are unique is** *percentage_unique_permissions***, maximum allowed is** *max_percentage_unique_permissions***. An identity is considered unique if there are no other identities in the project that contain the same set of permissions. A permission is considered unique if there are no other permissions in the project that contain the same set of identities.**

Explanation: Role generation is not recommended for this project because there are too many unique identity-to-permission mappings. For role generation to produce useful roles, there needs to be a degree of commonality between sets of identities and permissions. Role generation may be attempted, but the resulting role structure will likely be unusable.

User response: Modify the scope of your project to scope the identity, permissions, or both to a set that is more closely correlated, and try role generation again.

CTJRG8121E The role generation process failed for project *project_name* **because the generated role hierarchy depth** *generated_depth* **exceeds the maximum supported hierarchy depth** *maximum_depth***.**

Explanation: The role generation process could not complete because the depth of the generated role hierarchy exceeds the limits for role hierarchy depth.

User response: Delete any new roles that were generated, and launch the role generation process again. When restarting role generation, select options that produce a simpler role hierarchy. If the problem recurs, select a smaller data set and retry the process.

CTJRG8122E Membership qualifier evaluation for the role *role_name* **in project** *project_name* **failed.**

Explanation: An error occurred while evaluating the specified membership qualifier.

User response: Synchronize the project to reevaluate the membership qualifier. If the problem recurs, contact your system administrator.

Administrator response: Examine the product logs for information about the underlying problem. If you need further assistance, contact IBM Software Support.

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CTJRG8123E An asynchronous task waiting for its parent transaction to commit has stopped waiting after *wait_time_secs* **seconds without being notified that the transaction completed.**

Explanation: An error occurred while waiting for an asynchronous task to start. The system canceled the task.

User response: Resubmit the task. If the problem recurs, contact your system administrator.

Administrator response: Examine the product logs for information about the underlying problem. If you need further assistance, contact IBM Software Support.

CTJRG8124E An asynchronous task waiting for its parent transaction to commit was interrupted by an internal error in the system.

Explanation: An error occurred while waiting for an asynchronous task to start. The system canceled the task.

User response: Resubmit the task. If the problem recurs, contact your system administrator.

Administrator response: Examine the product logs for information about the underlying problem. If you need further assistance, contact IBM Software Support.

CTJRG8125E There is a missing operator in the membership qualifier fragment with name *fragment_name***.**

Explanation: The named membership qualifier was not saved because it was missing an operator. A membership qualifier must contain an operator.

User response: Edit the membership qualifier to ensure an operator is specified and resubmit the save operation.

CTJRG8126E The attribute value in the membership qualifier with name *fragment_name* **is null.**

Explanation: The named membership qualifier was not saved because the attribute value was specified as null. A membership qualifier must contain at least one attribute value.

User response: Edit the membership qualifier to ensure at least one attribute value exists for each of the filter conditions specified and resubmit the save operation.

CTJRG8127E The attribute values in the membership qualifier with name *fragment_name* **is empty.**

Explanation: The named membership qualifier was not saved because the attribute value parameter was specified as an empty collection. A membership qualifier must contain at least one attribute value.

User response: Edit the membership qualifier to ensure at least one attribute value exists for each of the filter conditions specified and resubmit the save operation.

CTJRG8128E The string value '*string_value***' specified in the membership qualifier with name** *fragment_name* **exceeds the maximum allowed string length** *length_limit***.**

Explanation: The named membership qualifier was not saved because the attribute value parameter was specified as a string which exceeds the length limit. The string value of a membership qualifier must be a length that is less than the maximum allowed size.

User response: Edit the membership qualifier to ensure the string values specified are less than the limit and resubmit the save operation.

CTJRG8129E The number of membership qualifier fragments is invalid. The attempt to save a membership qualifier with *fragment_count* **fragments failed. The allowed number of fragments is between** *valid_fragment_count_min* **and** *valid_fragment_count_max***.**

Explanation: The membership qualifier was not saved because it had an invalid number of fragments.

User response: Add or remove fragments from the membership qualifier to ensure the number of fragments is within the valid limits and resubmit the save operation.

CTJRG8130E Unable to save the membership qualifier because there are *root_fragment_count* **root membership qualifier fragments. There can be only one.**

Explanation: The membership qualifier was not saved because more than one root fragment was defined. A given membership qualifier must contain exactly one root fragment.

User response: Add or remove fragments from the membership qualifier to ensure there is a single root fragment to the membership qualifier, and resubmit the save operation.

CTJRG8131E Unable to save the membership qualifier because there is more than one level of membership qualifier fragments defined. There can be only one.

Explanation: The membership qualifier was not saved because the specified qualifier has more than one level of membership qualifier fragments defined. A given membership qualifier must contain exactly one fragment level.

User response: Remove fragments from the membership qualifier to ensure there is a single level of fragments, and resubmit the save operation.

CTJRG8132E Unable to save the membership qualifier because there were too many attribute rules specified for membership qualifier named *fragment_name*. *number_rules_actual* **are defined and the maximum allowed is** *number_rules_max*.

Explanation: The membership qualifier was not saved because the specified qualifier has more than the allowed number of rules defined.

User response: Remove attribute rules from the membership qualifier to ensure the number is within the limits specified, and resubmit the save operation.

CTJRG8133E The role hierarchy was not able to be updated for role with ID *role_id* **as the update would have exceeded the maximum hierarchy depth of** *hierarchy_depth_limit*.

Explanation: Adding parent or child roles failed because the resulting role hierarchy depth exceeded the maximum depth limit.

User response: Update the role hierarchy to ensure the maximum hierarchy depth does not exceed the limit described. You might have to remove child or parent roles from the problem role or sever hierarchical relationships on other roles in the hierarchy of this role.

CTJRG8134E The role hierarchy was not able to be updated for role with ID *role_id* **as the update would have created a cycle in the hierarchy graph. The invalid child roles are:** *invalid_parent_role_ids*. **The invalid parent roles are:** *invalid_parent_role_ids*.

Explanation: The requested role hierarchy update was not allowed because one or more of the changes would introduce a cycle in the role hierarchy graph.

User response: Examine the list of invalid parent and children to determine which hierarchy change caused the cycle error. When changing the role hierarchy, it is important to visualize the entire role graph to ensure the hierarchy that is being requested is not cyclical.

CTJRG8135E Failed to add identities to the role as the following are not in scope of the project which holds the role: *invalid_identity_ids*.

Explanation: No identities were added to the role because the identities specified are not currently in the scope of the project that contains the role.

User response: Only attempt to add identities, permissions, or roles to roles which are also in the same project as the problem role. If needed, the project scope can be expanded by editing the role and updating its scoping rules.

CTJRG8136E Failed to add permissions to the role as the following are not in scope of the project which holds the role: *invalid_permission_ids*.

Explanation: No permissions were added to the role because the permissions specified are not currently in scope of the project that contains the role.

User response: Only attempt to add identities, permissions, or roles to roles which are also in the same project as the problem role. If needed, the project scope can be expanded by editing the role and updating its scoping rules.

CTJRG8137E Failed to update role hierarchy for the role as the following are not in scope of the project which holds the role: *invalid_role_ids*.

Explanation: No roles were added to the hierarchy of this role because the permissions specified are not currently in the scope of the project that contains the role.

User response: Only attempt to add identities, permissions, or roles to roles which are also in the same project as the problem role. If needed, the project scope can be expanded by editing the role and updating its scoping rules.

CTJRG8138W This operation cannot be undone. The delete role operation with deletion mode *deletion_mode* **would remove** *attempted_role_delete_size* **which exceeds the threshold value** *maximum_allowed_role_delete_size*.

Explanation: No roles were deleted. The number of roles this delete request would remove exceeds the maximum number that is allowed while maintaining the undo feature. If you proceed with this role delete, the undo stack will be cleared, and the delete will be permanent.

User response: If it is acceptable to delete the roles permanently without the ability to undo the role delete, resubmit the role deletion request. If it is not

acceptable, do nothing as no roles have been deleted yet.

CTJRG8139E The recovery process failed at application startup due to an error accessing or updating the data store.

Explanation: The recovery check at startup failed due to an internal error. Some possible causes are database connectivity issues, corrupt data in the data store, and so on.

User response: Examine the log files for additional information about the problem. If you need further assistance, contact IBM Software Support.

CTJRG8140E The imported schema for entity type *entity_type* **has multiple attributes defined as display attribute number***display_attribute_number***. A given display attribute can only have a single attribute defined per display attribute position.**

Explanation: The display attribute schema is set up incorrectly for the specified entity type.

User response: Evaluate the membership qualifier again. If the problem recurs, attempt a recalculation operation on the project containing the membership qualifier. If further issues occur, contact your system administrator.

CTJRG8141E Evaluation of membership qualifier with ID *membership_qualifier_id* **defined on role with ID** *role_id* **failed.**

Explanation: The specified membership qualifier could not be evaluated by the system.

Administrator response: Examine the product logs for information about the underlying problem. If you need further assistance, contact IBM Software Support.

CTJRG8142E Creation of membership qualifier for role with ID *role_id* **failed due to one already existing.**

Explanation: A membership qualifier already exists for the specified role. A maximum of one qualifier can exist per role.

User response: Instead of attempting to create a new membership qualifier, edit the existing one defined for the role with the specified ID.

CTJRG8143E Project with name *project_name* **and ID** *project_id* **is invalid. The project does not contain a model object.**

Explanation: The project has become corrupt due to an unexpected error. Every project must contain a

model in the data store. Further action on this model cannot be performed.

User response: Delete this project and create a new one. Contact your system administrator for possible debugging.

Administrator response: A project exists that does not have the corresponding model object in the database. It is likely that this error is unrecoverable, as the model contains most of the information about the project. Examine the product logs for information about the underlying problem. If you need further assistance, contact IBM Software Support.

CTJRG8144E A null entity cannot be saved.

Explanation: An attempt was made to save an entity, but no value was supplied. A valid entity must be supplied in order to save it.

User response: Do not attempt to save a null entity. If the problem was not in your code, contact your system administrator for possible debugging.

Administrator response: AResource.save() was called with a null entity as input. Examine the product logs for information about the underlying problem. If you need further assistance, contact IBM Software Support.

CTJRG8145E There is no membership qualifier defined for role with ID *role_id***.**

Explanation: An attempt was made to retrieve the membership qualifier for the specified role, but one does not exist.

User response: This may not be an error depending on what action was performed. If the expectation was for a membership qualifier to be found, contact your system administrator for more information.

Administrator response: There is no reference for a membership qualifier in the database. The membership qualifier has likely been removed. Examine the product logs for information about the underlying problem. If you need further assistance, contact IBM Software Support.

CTJRG8146E There are *number_of_membership_qualifiers* **membership qualifiers defined for role with ID** *role_id***. The maximum allowed number of membership qualifiers for a single role is** *max_allowed_number_of_ membership _qualifiers***.**

Explanation: There is a data integrity problem with the specified role. There are more than the allowed number of membership qualifiers defined.

User response: This is an internal data integrity problem. You may need to delete the role with the problem and recreate it. Be sure to record all information about this role, so that you may recreate it

as needed. Another option is to first clone the role prior to deleting it. Contact your system administrator for more information.

Administrator response: The database contains more than one membership qualifier defined for this role. This is a data integrity issue that should not be reachable through normal program execution. Examine the product logs for information about the underlying problem. Membership qualifiers pointing to this role could be removed from the database to get back into a working state. Contact IBM Software Support for information on how to go about doing that.

CTJRG8147E A null entity cannot be deleted.

Explanation: An attempt was made to delete an entity, but no value was supplied. A valid entity must be supplied in order to delete it.

User response: Do not attempt to delete a null entity. If the problem was not in your code, contact your system administrator for possible debugging.

Administrator response: AResource.remove() was called with a null entity as input. Examine the product logs for information about the underlying problem. If you need further assistance, contact IBM Software Support.

CTJRG8148E Role with ID *role_id* **was not found in model with ID** *model_id***.**

Explanation: Either a model ID or a role ID that was provided is invalid. Either the wrong values were provided or there is a data integrity problem with the specified role.

User response: Check the parameters that are passed to this API and try again. Contact your system administrator for more information.

Administrator response: This is either a problem with incorrectly specifying a parameter or a data integrity issue that should be reachable through normal program execution. Examine the product logs for information about the underlying problem. In the database, a role must have a foreign key to a model object. Contact IBM Software Support for information on how to go about doing that.

CTJRG8149E An entity with a null ID cannot be loaded.

Explanation: An attempt was made to load an entity by ID, but no value was supplied. A valid entity ID must be supplied in order to load it.

User response: Do not attempt to load a null entity ID. If the problem was not in your code, contact your system administrator for possible debugging.

Administrator response: An API was called with a null entity ID as input. Examine the product logs for

information about the underlying problem. If you need further assistance, contact IBM Software Support.

CTJRG8150E Role export failed due to role with ID *role_id* **or model ID** *model_id* **being null or invalid.**

Explanation: During role export, an invalid role or model was encountered.

User response: Attempt to export roles again. If the problem recurs, contact your system administrator.

Administrator response: Examine the product logs for information about the underlying problem. If you need further assistance, contact IBM Software Support.

CTJRG8151E Role generation cannot be performed as the prefix *prefix* **is already being used in project** *project_id***.**

Explanation: Roles already exist in this project with the specified role name prefix.

User response: Choose a role prefix that is not already used by roles in this project and attempt role generation again.

CTJRG8152E Role generation cannot be performed because the following pattern preferences are invalid: *invalid_pattern_preferences***.**

Explanation: One or more of the preferences to this role generation pattern are invalid.

User response: Supply valid role generation pattern preferences and resubmit role generation request.

CTJRG8153E The operator *operator_name* **is not valid for attribute type** *type_name***.**

Explanation: The specified project scoping rule is invalid. The rule was built with an invalid operator for the attribute type.

User response: Supply a valid operator for the attribute type in the project scoping rules and resubmit the request.

CTJRG8154E The operator *operator_name* **is not a valid attribute type** *type_name***.**

Explanation: The specified membership qualifier rule is invalid. The rule was built with an invalid operator for the attribute type.

User response: Supply a valid operator for the attribute type in the membership qualifier rule and resubmit the request.

CTJRG8155E Invalid value for attribute values in the metadata APIs for role with ID *role_id***.**

Explanation: The AAttributeValue collection specified on the role metadata API was invalid. The value cannot be null.

User response: Supply a valid AAttributeValue to the role metadata API and try again.

CTJRG8156W The system could not locate an identity attribute with URI *attribute_uri* **to use as an identity analysis catalog attribute. If no valid attributes can be located, a default set of identity attributes will be used.**

Explanation: Attributes used for analyzing identity attribute values in the analysis catalog can be configured in securityModeling.properties. The system attempted to resolve one of the configured attributes by URI, but either could not find it, or found that it was not an identity attribute.

Administrator response: Check the URIs specified for the analysis catalog to ensure they are attributes defined in the system.

CTJRG9001E Cannot form a valid request to perform an operation on the server because the request format is invalid.

Explanation: An improper URL was constructed, which prevented the request from performing a server operation. This error might be caused by an internal error or an improper invocation from a custom client.

Administrator response: Contact IBM Software Support.

CTJRG9002E The system cannot find one of the specified values. The value might have been deleted.

Explanation: An error occurred during an attempt to look up information for an identity attribute value or set of values. At least one of the specified values was not found. The identity attribute value might have been deleted.

User response: Refresh the data on screen, and retry the operation. If the problem continues, contact your system administrator.

Administrator response: This error typically resolves after you reload the data and retry the task. If reloading the page, starting a new login session, or restarting the system does not work, the data might be corrupted. Contact IBM Software Support.

CTJRG9003E The system cannot find the specified attribute. The attribute might have been deleted.

Explanation: An error occurred during an attempt to look up information about an identity attribute. The attribute was not found. The attribute might have been deleted.

User response: Reload the page where you selected the attribute, and pick an attribute from the refreshed list. If the problem continues, contact your system administrator.

Administrator response: This error typically resolves after you reload the data and retry the task. If reloading the page, starting a new login session, or restarting the system does not work, the data might be corrupted. Contact IBM Software Support.

CTJRG9004E The current selection exceeds the maximum number of owners: {0}.

Explanation: The selected users cannot be added as role owners because adding them causes the role to exceed the maximum number of owners.

User response: Select fewer users to add as role owners so the maximum number of owners is not exceeded, or cancel your request.

CTJRG9008E Deleting {0} parent roles failed because of an internal error.

Explanation: The parent roles were not deleted because of an internal error. Constraint violation is a common source of this type of error.

Administrator response: Examine the log files for additional information about the problem.

CTJRG9010E Delete of {0} child roles failed because of an internal error.

Explanation: The child roles were not deleted because of an internal error. Constraint violation is a common source of this type of error.

Administrator response: Examine the log files for additional information about the problem. After you solve the problem, retry the operation.

CTJRG9014W This action cannot be undone. Are you sure you want to continue?

Explanation: Confirm that you want to delete the role.

CTJRG9017E You exceeded the maximum limit for selected users. You can select up to 1000 users and 15 items.

Explanation: The selection exceeds the valid limits for

the project. You can only specify up to 1000 users and 15 items.

Administrator response: Edit the project scope to stay within the limits, and evaluate the project again.

CTJRG9018E You exceeded the maximum limit for selected permissions. You can select up to 1000 permissions and 15 items.

Explanation: The selection exceeds the valid limits for the project. You can only specify up to 1000 permissions and 15 items.

Administrator response: Edit the project scope to stay within the limits, and evaluate the project again.

CTJRG9024E The task for deleting the imported file *fileName* **from session** *sessionName* **was canceled.**

Explanation: The imported file deletion for the session was canceled because attempts to interrupt the task failed to stop the execution.

User response: Verify the log files for the Task Canceled exception.

CTJRG9026E The file to be imported is not available.

Explanation: The identifier of the file specified to be imported might be incorrect or previously deleted.

User response: Specify a valid and existing file identifier.

CTJRG9030E To continue, you must select at least one role.

Explanation: You scoped your query by role names or resources. An error occurred when you either tried to view or copy roles without selecting any items by which to scope it or by selecting items that contain no actual roles.

User response: Review your selections on the panel. If you did not select an item for the current attribute, select one. If you already selected one or more items, select additional items that contain roles.

Administrator response: If you receive this error after selecting items, some of the attributes defined in your system are not populated with roles or resources. Review your data collection process to ensure that the proper items have been imported so that the user can perform effective role modeling.

CTJRG9031W The maximum limit was exceeded for the selected roles. You can select up to 15 roles and 15 filter criteria.

Explanation: The selection exceeds the valid limits. The limit for role and attribute criteria selection is 15.

User response: Select the roles and filter criteria again, and do not exceed 15 of each type.

CTJRG9032E The request to create project {0} has failed because of an internal error.

Explanation: An internal error occurred while submitting a request to create a project. For example, the database might be inaccessible causing the failure.

Administrator response: View the log files for additional information about the problem.

CTJRG9036W The task *operation_name* **for entity** *entity_name* **is canceled.**

Explanation: The submitted task has been canceled.

User response: Resubmit the task, if required.

CTJRG9040E Unknown exception occurred during task *operation_name* **for entity** *entity_name*.

Explanation: The system failed to complete the task due to an unexpected error.

User response: Examine the product logs for information about the underlying data store problem.

CTJRG9042E A transaction exception occurred during *operation_name* **for entity** *entity_name*.

Explanation: The system failed to complete the task due to a transaction exception.

User response: Examine the product logs for information about the transaction problem.

CTJRG9043W The maximum limit was exceeded for selected values. You can select up to 15 values.

Explanation: The selection does not adhere to the valid limits. The limit for attribute criteria selection is 15.

User response: Select the values again, without exceeding 15.

CTJRG9044W The scope selection must yield at least one item for viewing.

Explanation: The selection does not adhere to the valid limits. You must select at least one value to proceed.

User response: Review your selections on the panel. If you selected no items for the current attribute, select one.

CTJRG9045E The attribute distribution with model ID *model_ID*, **role ID** *role_ID*, **or attribute ID** *attribute_ID* **cannot be found.**

Explanation: The specified model, role, or attribute identifier is either invalid or has been deleted.

User response: Resubmit the request specifying a valid identifier.

CTJRG9046E The attribute distribution with model ID *model_ID*, **role ID** *role_ID*, **or attribute ID** *attribute_ID* **cannot be retrieved.**

Explanation: The request failed because an internal error occurred while retrieving attribute distribution.

Administrator response: Examine the log files for additional information about the problem.

CTJRG9047W The items to be displayed exceeds the number that can be viewed in a hierarchy.

Explanation: The hierarchical view cannot be displayed because the number of items exceeds 1000.

User response: Ensure that the number of items does not exceed 1000, and then view the hierarchy.

CTJRG9048E An error occurred during *operation_name* **for entity** *entity_name*.

Explanation: The CSV format of the import file might be incorrect.

User response: Check the product log for more details. Correct the import file and try again.

CTJRG9049E The role count could not be retrieved.

Explanation: The request failed because an internal error occurred while retrieving the role count. For example, the database might be inaccessible.

User response: Check the product log for more details. Correct the import file and try again.

CTJRG9050E The items to be displayed exceed the number that can effectively be viewed in a topology.

Explanation: The topology view cannot be displayed since the number of items exceeds 1000.

CTJRG9053W The project recalculate task was canceled for project *project_name*.

Explanation: An error occurred during project recalculation. The system canceled the task.

User response: Try recalculating the project again.

CTJRG9054E The project recalculate task failed for project *project_name* **due to an unexpected data integrity problem. The system could not locate a required project object in the data store.**

Explanation: An error occurred while locating the project data in the data store. The system failed to recalculate the project.

User response: Try to recalculate the project again. If the problem recurs, contact your system administrator.

Administrator response: Examine the product logs for information about the underlying data store problem.

CTJRG9055E The project recalculate task failed for project *project_name* **due to an unexpected problem with the data store.**

Explanation: An unexpected error occurred during the project recalculate process. The system failed to complete the recalculate task for the project.

User response: Try to recalculate the project again. If the problem recurs, contact your system administrator.

Administrator response: Examine the product logs for information about the underlying data store problem.

CTJRG9058E During application startup, the system discovered that the role copy process for the project *project_name* **was not active and will not complete. The project status has been updated to indicate that role copy process has failed.**

Explanation: The system discovered that the role copy process started for the project but was not running when the system started up. Typically, this occurs when the role copy process was running during an unexpected application shutdown. It marked the role copy process as failed.

User response: Resubmit the role copy. If the problem recurs, contact your system administrator.

CTJRG9059E While loading the projects, the system discovered that the role copy process for the project *project_name* **was not active and will not complete. The project status has been updated to indicate that role copy process has failed.**

Explanation: The system discovered that the role copy process started for the project but was not running when the system performed the check of running processes. It marked the role copy process as failed.

User response: Resubmit the role copy. If the problem recurs, contact your system administrator.

CTJRG9060E During application startup, the system discovered that the import process for some files of the session *session_name* **was not active and will not complete. The session status has been updated to indicate that import process has failed.**

Explanation: The system discovered that the import process started for some files of the session but was not running when the system started up. Typically, this occurs when the import process was running during an unexpected application shutdown. It marked the import process as failed.

User response: Resubmit the import. If the problem recurs, contact your system administrator.

CTJRG9061E While loading the sessions, the system discovered that the import process for some files of the session *session_name* **was not active and will not complete. The session status has been updated to indicate that import process has failed.**

Explanation: The system discovered that the import process started for some files of the session but was not running when the system performed the check of running processes. It marked the import process as failed.

User response: Resubmit the import. If the problem recurs, contact your system administrator.

CTJRG9062E During application startup, the system discovered that the delete process for some files of the session *session_name* **was not active and will not complete. The session status has been updated to indicate that file delete process has failed.**

Explanation: The system discovered that the delete process started for some files of the session but was not running when the system started up. Typically, this occurs when the file delete process was running during an unexpected application shutdown. It marked the file delete process as failed.

User response: Resubmit the file delete. If the problem recurs, contact your system administrator.

CTJRG9063E While loading the sessions, the system discovered that the delete process for some files of the session *session_name* **was not active and will not complete. The session status has been updated to indicate that file delete process has failed.**

Explanation: The system discovered that the delete process started for some files of the session but was not running when the system performed the check of

running processes. It marked the file delete process as failed.

User response: Resubmit the file delete. If the problem recurs, contact your system administrator.

CTJRG9064E During application startup, the system discovered that the delete process for the session *session_name* **was not active and will not complete. The session status has been updated to indicate that delete process has failed.**

Explanation: The system discovered that the delete process started for the session but was not running when the system started up. Typically, this occurs when the delete process was running during an unexpected application shutdown. It marked the session delete process as failed.

User response: Resubmit the session delete. If the problem recurs, contact your system administrator.

CTJRG9065E While loading sessions, the system discovered that the delete for the session *session_name* **was not active and will not complete. The session status has been updated to indicate that delete process has failed.**

Explanation: The system discovered that the delete process started for the session but was not running when the system performed the check of running processes. It marked the session delete process as failed.

User response: Resubmit the session delete. If the problem recurs, contact your system administrator.

CTJRG9066E During application startup, the system discovered that the commit process for the session *session_name* **was not active and will not complete. The session status has been updated to indicate that commit process has failed.**

Explanation: The system discovered that the commit process started for the session but was not running when the system started up. Typically, this occurs when the commit process was running during an unexpected application shutdown. It marked the commit process as failed.

User response: Resubmit the commit. If the problem recurs, contact your system administrator.

CTJRG9067E While loading sessions, the system discovered that the commit process for the session *session_name* **was not active and will not complete. The session status has been updated to indicate that commit process has failed.**

Explanation: The system discovered that the commit process started for the session but was not running when the system performed the check of running processes. It marked the commit process as failed.

User response: Resubmit the commit. If the problem recurs, contact your system administrator.

CTJRG9068E During application startup, the system discovered that the validate process for the session *session_name* **was not active and will not complete. The session status has been updated to indicate that the validate process has failed.**

Explanation: The system discovered that the validate process started for the session but was not running when the system started up. Typically, this occurs when the validate process was running during an unexpected application shutdown. It marked the validate process as failed.

User response: Resubmit the validate. If the problem recurs, contact your system administrator.

CTJRG9069E While loading sessions, the system discovered that the validate process for the session *session_name* **was not active and will not complete. The session status has been updated to indicate that validate process has failed.**

Explanation: The system discovered that the validate process started for the session but was not running when the system performed the check of running processes. It marked the validate process as failed.

User response: Resubmit the validate. If the problem recurs, contact your system administrator.

CTJRG9070E During application startup, the system discovered that the delete process for the file *file_name* **in the session** *session_name* **was not active and will not complete. The file status has been updated to indicate that delete process has failed.**

Explanation: The system discovered that the delete process started for the file but was not running when the system started up. Typically, this occurs when the delete process was running during an unexpected application shutdown. It marked the delete process as failed.

User response: Resubmit the file delete. If the problem recurs, contact your system administrator.

CTJRG9071E While loading files, the system discovered that the delete for the file *file_name* **in the session** *session_name* **was not active and will not complete. The file status has been updated to indicate that the file delete has failed.**

Explanation: The system discovered that the delete process started for the file but was not running when the system performed the check of running processes. It marked the file delete process as failed.

User response: Resubmit the file delete. If the problem recurs, contact your system administrator.

CTJRG9072E During application startup, the system discovered that the import process for the file *file_name* **in the session** *session_name* **was not active and will not complete. The file status has been updated to indicate that import process has failed.**

Explanation: The system discovered that the import process started for the file but was not running when the system started up. Typically, this occurs when the import process was running during an unexpected application shutdown. It marked the import process as failed.

User response: Resubmit the import. If the problem recurs, contact your system administrator.

CTJRG9073E While loading files, the system discovered that the import for the file *file_name* **in the session** *session_name* **was not active and will not complete. The file status has been updated to indicate that import has failed.**

Explanation: The system discovered that the import process started for the file but was not running when the system performed the check of running processes. It marked the import process as failed.

User response: Resubmit the import. If the problem recurs, contact your system administrator.

CTJRG9074E During application startup, the system discovered that the commit process for the session *session_name* **was not active and will not complete. The session status has been updated to indicate that commit process has failed. All projects status also updated to indicate the commit process failure.**

Explanation: The system discovered that the commit process started for the session but was not running when the system started up. Typically, this occurs when the commit process was running during an unexpected application shutdown. It marked the commit process as

failed in the respective session and for all projects.

User response: Resubmit the commit. If the problem recurs, contact your system administrator.

CTJRG9075E While loading sessions, the system discovered that the commit process for the session *session_name* **was not active and will not complete. The session status has been updated to indicate that commit process has failed. All projects status also updated to indicate the commit process failure.**

Explanation: The system discovered that the commit process started for the session but was not running when the system performed the check of running processes. It marked the commit process as failed for the respective session and for all projects.

User response: Resubmit the commit. If the problem recurs, contact your system administrator.

CTJRG9078W The role copy process was canceled for project *project_name***.**

Explanation: An error occurred during role copy for the project. The system canceled the task.

User response: Delete any roles that were copied, and launch the role copy process again. If the problem recurs, contact your system administrator.

CTJRG9079E The role copy process failed for project *project_name* **due to an unexpected problem.**

Explanation: An unexpected error occurred during role copy. The system failed to complete role copy for the project.

User response: Delete any roles that were copied, and launch the role copy process again. If the problem recurs, contact your system administrator.

Administrator response: Examine the product logs for information about the underlying problem.

CTJRG9081E Project {0} cannot be created because the specified value for the name of the project is either null of empty.

Explanation: The value specified for the name of the project to be created is either null or empty.

User response: Create the project again by providing the appropriate project name.

CTJRG9082E Project {0} cannot be created because the specified value for the name of the project exceeds the maximum allowed length of 240 characters.

Explanation: The value specified for the name of the project to be created is greater than the allowed length of 240 characters.

User response: Create the project again by specifying a value for the name of the project with less than 240 characters.

CTJRG9083E Project {0} cannot be created because the specified value for the description of the project exceeds the maximum allowed length of 1024 characters.

Explanation: The value specified for the description of the project to be created is greater than the allowed length of 1024 characters.

User response: Create the project again by specifying a value for the description of the project with less than 1024 characters.

CTJRG9084E Project {0} cannot be created because the value specified for the model of the project is incorrect.

Explanation: The value of the model for the project to be created does not exist in the Identity and Entitlement database.

User response: Create the project again by specifying a value for the model of the project which exists in the Identity and Entitlement database.

CTJRG9085E Project {0} cannot be created because the identity scoping rule is either null or invalid.

Explanation: Either the identity scoping rule is null or invalid, or its attribute ID and value are either null or empty.

User response: Create the project again by specifying a valid identity scoping rule.

CTJRG9086E Project {0} cannot be created because the identity scoping rule is either null or invalid or the attribute rule is greater than {1} or the direct rule is greater than {2}.

Explanation: The value specified for the identity scoping rule is invalid.

User response: Create the project again by specifying a valid identity scoping rule.

CTJRG9087E Project {0} cannot be created because the permission scoping rule for the project is null or empty.

Explanation: Permission scoping rule for the project cannot be null.

User response: Create the project again by specifying a valid permission scoping rule.

CTJRG9088E Project {0} cannot be created because the permission scoping rule is either null or invalid or attribute rule is greater than {1} or direct rule is greater than {2}.

Explanation: The value specified for the permission scoping rule is invalid.

User response: Create the project again by specifying a valid permission scoping rule.

CTJRG9089E Role {0} cannot be created because the specified value for the name of the role is either null of empty.

Explanation: The value specified for the name of the role to be created is either null or empty

User response: Create the role again by providing an appropriate role name.

CTJRG9090E Role {0} cannot be created because the specified value for the name of the role exceeds the maximum allowed length of 240 characters.

Explanation: The value specified for the name of the role to be created is greater than the allowed length of 240 characters.

User response: Create the role again by specifying a value for the name of the role that is less than 240 characters.

CTJRG9091E Role {0} cannot be created because the specified value for the description of the role exceeds the maximum allowed length of 1024 characters.

Explanation: The specified value for the description of the role exceeds the maximum allowed length of 1024 characters.

User response: Create the role again by specifying a value for the description of the role that is less than 1024 characters.

CTJRG9092E Role {0} cannot be created because the specified value for the role type is invalid or does not exist in the Identity and Entitlement database.

Explanation: The specified value for the role type is invalid or does not exist in the Identity and Entitlement database.

User response: Create the role again by specifying a value of the role type that exist in the Identity and Entitlement database.

CTJRG9093E Role {0} cannot be created because the value specified for the model ID is null or empty.

Explanation: The value specified for the model ID is null or empty.

User response: Create the role again by specifying a correct value for the model ID.

CTJRG9094E Role {0} cannot be created because the value specified for the owners is either invalid, or the number of role owners is less than {1} or greater than {2}.

Explanation: The value specified for the owners of the role is invalid.

User response: Create the role again by providing valid owners for the role.

CTJRG9095E Role {0} cannot be created because the specified value for the unique identifier of the role exceeds the maximum allowed length of 240 characters.

Explanation: The value specified for the unique identifier of the role to be created is greater the allowed length of 240 characters.

User response: Create the role again by specifying a value for the unique identifier of the role that is less than 240 characters.

CTJRG9096E Separation of duty constraints {0} cannot be created because the specified value for the description of the separation of duty constraint is either null of empty.

Explanation: The value specified for the description of the separation of duty constraint to be created is either null or empty.

User response: Create the project again by providing an appropriate separation of duty constraint description.

CTJRG9097E Separation of duty constraint {0} cannot be created because the specified value for the description of the separation of duty constraint exceeds the maximum allowed length of 1024 characters.

Explanation: The value specified for the description of the separation of duty constraint to be created is greater than the allowed length of 1024 characters.

User response: Create the separation of duty constraint again by specifying a value for the description that is less than 1024 characters.

CTJRG9098E Separation of duty constraint {0} cannot be created because the specified value for the cardinality of the project is either null of empty.

Explanation: The value specified for the cardinality of the separation of duty constraint to be created is either null or empty. The value must be greater than 1.

User response: Create the separation of duty constraint again by providing the appropriate cardinality.

CTJRG9099E Separation of duty constraint {0} cannot be created because the specified value for the cardinality is invalid.

Explanation: The value specified for cardinality is either null or greater than or equal to number of roles specified in the separation of duty constraint.

User response: Create the separation of duty constraint again by providing a correct value for cardinality.

CTJRG9100E Separation of duty constraint {0} cannot be created because the value specified for the roles is either invalid or is less than {1} or greater than {2}.

Explanation: The value specified for the roles of the separation of duty constraint is invalid.

User response: Create the separation of duty constraint again by providing valid roles.

CTJRG9101E Separation of duty constraint {0} cannot be created because the constrained roles does not exist in the Identity and Entitlement database.

Explanation: The role contained in the separation of duty constraint does not exist in the Identity and Entitlement database.

User response: Create the separation of duty constraint again by providing valid roles that exist in the Identity and Entitlement database.

CTJRG9102E Separation of duty constraint {0} cannot be created because the specified value for the unique identifier exceeds the maximum allowed length of 240 characters.

Explanation: The value specified for the unique identifier of the separation of duty constraint to be

created is greater than the allowed length of 240 characters.

User response: Create the separation of duty constraint again by specifying a value for the unique identifier that is less than 240 characters.

CTJRG9103E Separation of duty constraint {0} cannot be created because the model ID specified is missing.

Explanation: The value specified for the model ID for the separation of duty constraint is null or empty.

User response: Create the separation of duty constraint again by providing a correct model ID.

CTJRG9104E Import of identity {0} failed because the value specified for the Person unique identifier in the CSV file at line number {1} has length greater than 240 characters.

Explanation: The value of the person unique identifier specified in the CSV file is greater than the allowed length of 240 characters.

User response: Import the CSV file again with a valid attribute value for the identity.

CTJRG9105E Import of identity {0} failed because the value specified for the attribute {1} in CSV file at line number {2} has length greater than 240 characters.

Explanation: The value of the attribute specified in the CSV file is greater than the allowed length of 240 characters.

User response: Import the CSV file again with a valid attribute value for the identity.

CTJRG9106E Import of identity {0} failed because the value specified for the attribute {1} in CSV file at line number {2} is greater than 2147483647 or is not an integer value.

Explanation: The value of the attribute specified in the CSV file is greater than 2147483647 or is not an integer value.

User response: Import the CSV file again with a valid attribute value for the identity.

CTJRG9109E Import of identity {0} failed because the value specified for the record ID in the CSV file at line number {1} has length greater than 240 characters.

Explanation: The value of the attribute specified in the CSV file has a length greater than 240 characters.

User response: Import the CSV file again with a valid attribute value for the record ID associated with the identity.

CTJRG9110E **Import of identity {0} failed because the value specified for the source record unique identifier in the CSV file at line number {1} has length greater than 240 characters.**

Explanation: The value of the source record unique identifier specified in the CSV file is greater than the allowed length of 240 characters.

User response: Import the CSV file again with a valid attribute value for the source record ID associated with the identity.

CTJRG9111E **Import of identity {0} failed because the value specified for session ID does not exist in the Identity and Entitlement database.**

Explanation: The value specified for the session ID does not exist in the Identity and Entitlement database.

User response: Import the CSV file again with a valid session that exists in the Identity and Entitlement database.

CTJRG9112E **Import of identity {0} failed because the value specified for file ID does not exist in the Identity and Entitlement database.**

Explanation: The value specified file ID does not exist in the Identity and Entitlement database.

User response: Import the CSV file again with a valid file that exists in the Identity and Entitlement database.

CTJRG9113E **Import of role {0} failed because the value specified for the role unique identifier in the CSV file at line number {1} has length greater than 240 characters.**

Explanation: The value of the role unique identifier specified in the CSV file is greater than the allowed length of 240 characters.

User response: Import the CSV file again with a valid attribute value for the unique identifier associated with the role.

CTJRG9114E **Import of role {0} failed because the value specified for the attribute {1} in CSV file at line number {2} has length greater than 240 characters.**

Explanation: The value of the attribute specified in the

CSV file is greater than the allowed length of 240 characters.

User response: Import the CSV file again with a valid attribute value for the role.

CTJRG9115E **Import of role {0} failed because the value specified for the attribute {1} in CSV file at line number {2} is greater than 2147483647 or is not an integer value.**

Explanation: The value of the attribute specified in the CSV file is greater than 2147483647 or is not an integer value.

User response: Import the CSV file again with a valid attribute value for the role.

CTJRG9118E **Import of role {0} failed because the value specified for session ID does not exist in the Identity and Entitlement database.**

Explanation: The value specified for session ID does not exist in the Identity and Entitlement database.

User response: Import the CSV file again with a valid session that exists in the Identity and Entitlement database.

CTJRG9119E **Import of role {0} failed because the value specified for file ID does not exist in the Identity and Entitlement database.**

Explanation: The value specified for file ID does not exist in the Identity and Entitlement database.

User response: Import the CSV file again with a valid file that exists in the Identity and Entitlement database.

CTJRG9120E **Import of role {0} failed because the value specified for file ID does not exist in the Identity and Entitlement database.**

Explanation: The value specified for the file ID does not exist in the Identity and Entitlement database.

User response: Import the CSV file again with a valid source that exists in the Identity and Entitlement database.

CTJRG9121E **Import of permission {0} failed because the value specified for the permission unique identifier in the CSV file at line number {1} has length greater than 240 characters.**

Explanation: The value of the permission unique identifier specified in the CSV file is greater than the allowed length of 240 characters.

User response: Import the CSV file again with a valid attribute value for the unique identifier associated with the permission.

CTJRG9122E Import of permission {0} failed because the value specified for the attribute {1} in CSV file at line number {2} has length greater than 240 characters.

Explanation: The value of the attribute specified in the CSV file is greater than the allowed length of 240 characters.

User response: Import the CSV file again with a valid attribute value for the permission.

CTJRG9123E Import of permission {0} failed because the value specified for the attribute {1} in CSV file at line number {2} is greater than 2147483647 or is not an integer value.

Explanation: The value of the attribute specified in the CSV file is greater than 2147483647 or is not an integer value.

User response: Import the CSV file again with a valid attribute value for the permission.

CTJRG9126E Import of permission {0} failed because the value specified for session ID does not exist in the Identity and Entitlement database.

Explanation: The value specified for session ID does not exist in the Identity and Entitlement database.

User response: Import the CSV file again with a valid session that exists in the Identity and Entitlement database.

CTJRG9127E Import of permission {0} failed because the value specified for file ID does not exist in the Identity and Entitlement database.

Explanation: The value specified a file ID does not exist in the Identity and Entitlement database.

User response: Import the CSV file again with a valid file that exists in the Identity and Entitlement database.

CTJRG9128E Import of separation of duty constraint {0} failed because the value specified for the rule unique identifier in the CSV file at line number {1} has length greater than 240 characters.

Explanation: The value of the rule unique identifier specified in the CSV file is greater than the allowed length of 240 characters.

User response: Import the CSV file again with a valid

attribute value for the rule unique identifier associated with the separation of duty constraint.

CTJRG9129E Import of separation of duty constraint {0} failed because the value specified for the attribute {1} in CSV file at line number {2} has length greater than 240 characters.

Explanation: The value of the attribute specified in the CSV file is greater than the allowed length of 240 characters.

User response: Import the CSV file again with a valid attribute value for the separation of duty constraint.

CTJRG9130E Import of separation of duty constraint {0} failed because the value specified for the attribute {1} in CSV file at line number {2} is greater than 2147483647 or is not an integer value.

Explanation: The value of the attribute specified in the CSV file is greater than 2147483647 or is not an integer value.

User response: Import the CSV file again with a valid attribute value for the separation of duty constraint.

CTJRG9133E Import of separation of duty constraint {0} failed because the value specified for session ID does not exist in the Identity and Entitlement database.

Explanation: The value specified for session ID does not exist in the Identity and Entitlement database.

User response: Import the CSV file again with a valid session ID that exists in the Identity and Entitlement database.

CTJRG9134E Import of separation of duty constraint {0} failed because the value specified for file ID does not exist in the Identity and Entitlement database.

Explanation: The value specified file ID does not exist in the Identity and Entitlement database.

User response: Import the CSV file again with a valid file ID that exists in the Identity and Entitlement database.

CTJRG9135E Import of permission {0} failed because the value specified for the source in the CSV file at line number {1} has length greater than 240 characters.

Explanation: The value of the attribute specified in the CSV file has a length greater than 240 characters.

User response: Import the CSV file again with a valid

attribute value for the unique identifier associated with the permission.

CTJRG9136E Import of source {0} failed because the value specified for the attribute source unique identifier in the CSV file at line number {1} is either null or empty.

Explanation: The value of the attribute specified in the CSV file should be a valid unique identifier.

User response: Import the CSV file again with a valid attribute value for the source unique identifier associated with the source.

CTJRG9137E Import of source {0} failed because the value specified for the unique identifier in the CSV file at line number {1} has length greater than 240 characters.

Explanation: The value of the attribute specified in the CSV file has a length greater than 240 characters.

User response: Import the CSV file again with a valid attribute value for the unique identifier associated with the source.

CTJRG9138E Import of source {0} failed because the value specified for the attribute source name in the CSV file at line number {1} is either null or empty.

Explanation: The value of the attribute specified in the CSV file should be a valid source name.

User response: Import the CSV file again with a valid attribute value for the source name associated with the source.

CTJRG9139E Import of source {0} failed because the value specified for the name in the CSV file at line number {1} has length greater than 240 characters.

Explanation: The value of the attribute specified in the CSV file has a length greater than 240 characters.

User response: Import the CSV file again with a valid attribute value for the name associated with the source.

CTJRG9140E Import of source {0} failed because the value specified for the description in the CSV file at line number {1} has length greater than 1024 characters.

Explanation: The value of the attribute specified in the CSV file has a length greater than 1024 characters.

User response: Import the CSV file again with a valid attribute value for the description associated with the source.

CTJRG9141E Import of source {0} failed because the session specified does not exist in the Identity and Entitlement database.

Explanation: The value of the file specified in the CSV file does not exist in the Identity and Entitlement database.

User response: Import the CSV file again with a valid session that exists in the Identity and Entitlement database.

CTJRG9142E Import of source {0} failed because the file specified does not exist in the Identity and Entitlement database.

Explanation: The value of the file specified in the CSV file does not exist in the Identity and Entitlement database.

User response: Import the CSV file again with a valid file that exists in the Identity and Entitlement database.

CTJRG9143E Import of schema {0} failed because the value specified for the attribute name in the CSV file at line number {1} is missing.

Explanation: The value of the attribute name specified in the CSV file must be a valid, nonempty string.

User response: Import the CSV file again with a valid attribute value for the name associated with the schema.

CTJRG9144E Import of schema {0} failed because the value specified for the name in the CSV file at line number {1} has length greater than 240 characters.

Explanation: The value of the attribute specified in the CSV file has a length greater than 240 characters.

User response: Import the CSV file again with a valid attribute value for the name associated with the schema.

CTJRG9145E Import of schema {0} failed because the value specified for the schema name type in the CSV file at line number {1} is missing.

Explanation: The value of the attribute specified in the CSV file must be a valid, nonempty string.

User response: Import the CSV file again with a valid attribute value for the schema type.

CTJRG9146E Import of hierarchical attribute {0} failed because the value specified for the attribute URI in the CSV file at line number {1} is missing.

Explanation: The value specified for the attribute specified in the CSV file must be a valid, nonempty string.

User response: Import the CSV file again with a valid attribute value for the unique identifier associated with the hierarchy.

CTJRG9147E Import of hierarchy {0} failed because the value specified for the unique identifier in the CSV file at line number {1} has length greater than 240 characters.

Explanation: The value of the attribute specified in the CSV file has a length greater than 240 characters.

User response: Import the CSV file again with a valid attribute value for the unique identifier associated with the hierarchy.

CTJRG9148E Import of hierarchical attribute {0} failed because the value specified for the attribute node unique identifier in the CSV file at line number {1} is either null or empty.

Explanation: The value specified for the attribute specified in the CSV file must be a valid, nonempty string.

User response: Import the CSV file again with a valid attribute value for the node unique identifier associated with the hierarchy.

CTJRG9149E Import of hierarchy {0} failed because the value specified for the node unique identifier in the CSV file at line number {1} has length greater than 240 characters.

Explanation: The value of the attribute specified in the CSV file has a length greater than 240 characters.

User response: Import the CSV file again with a valid attribute value for the node unique identifier associated with the hierarchy.

CTJRG9150E Import of hierarchical attribute {0} failed because the value specified for the attribute URI in the CSV file at line number {1} is missing.

Explanation: The value specified for the attribute specified in the CSV file must be a valid, nonempty string.

User response: Import the CSV file again with a valid

attribute value for the node name associated with the hierarchy.

CTJRG9151E Import of hierarchy {0} failed because the value specified for the node name in the CSV file at line number {1} has length greater than 240 characters.

Explanation: The value of the attribute specified in the CSV file has a length greater than 240 characters.

User response: Import the CSV file again with a valid attribute value for the node name associated with the hierarchy.

CTJRG9152E Import of hierarchy {0} failed because the value specified for the node description in the CSV file at line number {1} has length greater than 1024 characters.

Explanation: The value of the attribute specified in the CSV file has length greater than 240 characters.

User response: Import the CSV file again with a valid attribute value for the node description associated with the hierarchy.

CTJRG9153E Import of hierarchical attribute {0} failed because the value specified for the attribute URI in the CSV file at line number {1} is missing.

Explanation: The value specified for the attribute specified in the CSV file must be a valid, nonempty string.

User response: Import the CSV file again with a valid attribute value for the parent node associated with the hierarchy.

CTJRG9154E Import of hierarchy {0} failed because the session specified does not exist in the Identity and Entitlement database.

Explanation: The value of the session specified in the CSV file does not exist in the Identity and Entitlement database.

User response: Import the CSV file again with a valid file that exists in the Identity and Entitlement database.

CTJRG9155E Import of hierarchy {0} failed because the file specified does not exist in the Identity and Entitlement database.

Explanation: The value of the file specified in the CSV file does not exist in the Identity and Entitlement database.

User response: Import the CSV file again with a valid file that exists in the Identity and Entitlement database.

CTJRG9156E Import of message {0} failed because the session specified does not exist in the Identity and Entitlement database.

Explanation: The value of the session specified in the CSV file does not exist in the Identity and Entitlement database.

User response: Import the CSV file again with a valid session that exists in the Identity and Entitlement database.

CTJRG9157E Import of message {0} failed because the value of the file specified does not exist in the Identity and Entitlement database.

Explanation: The value of the file specified in the CSV file does not exist in the Identity and Entitlement database.

User response: Import the CSV file again with a valid file that exists in the Identity and Entitlement database.

CTJRG9158E Import of schema {0} failed because the value specified for the description in the CSV file at line number {1} has length greater than 1024 characters.

Explanation: The value of the attribute specified in the CSV file has a length greater than 1024 characters.

User response: Import the CSV file again with a valid attribute value for the description associated with the schema.

CTJRG9159E Import of schema {0} failed because the value specified for the schema type in the CSV file at line number {1} has length greater than 240 characters.

Explanation: The value of the attribute specified in the CSV file has a length greater than 240 characters.

User response: Import the CSV file again with a valid attribute value for the schema type associated with the schema.

CTJRG9160E Import of schema attribute {0} failed because the value specified for the attribute URI in the CSV file at line number {1} is missing.

Explanation: The value specified for the attribute specified in the CSV file must be a valid, nonempty string.

User response: Import the CSV file again with a valid attribute value for the unique identifier associated with the schema.

CTJRG9161E Import of schema {0} failed because the value specified for the unique identifier in the CSV file at line number {1} has length greater than 240 characters.

Explanation: The value of the attribute specified in the CSV file has a length greater than 240 characters.

User response: Import the CSV file again with a valid attribute value for the unique identifier associated with the schema.

CTJRG9162E Import of schema attribute {0} failed because the value specified for the attribute usage in the CSV file at line number {1} is missing.

Explanation: The value specified for the attribute specified in the CSV file must be a valid, nonempty string.

User response: Import the CSV file again with a valid attribute value for the usage associated with the schema.

CTJRG9163E Import of schema {0} failed because the value specified for the usage in the CSV file at line number {1} has length greater than 240 characters.

Explanation: The value of the attribute specified in the CSV file has a length greater than 240 characters.

User response: Import the CSV file again with a valid attribute value for the usage associated with the schema.

CTJRG9164E Import of schema {0} failed because the session specified does not exist in the Identity and Entitlement database.

Explanation: The value of the session specified in the CSV file does not exist in the Identity and Entitlement database.

User response: Import the CSV file again with a valid session that exists in the Identity and Entitlement database.

CTJRG9165E Import of schema {0} failed because the file specified does not exist in the Identity and Entitlement database.

Explanation: The value of the file specified in the CSV file does not exist in the Identity and Entitlement database.

User response: Import the CSV file again with a valid file that exists in the Identity and Entitlement database.

CTJRG9166E Import of role-to-permission attachments for role {0} failed because the value specified for the attribute role ID in the CSV file at line number {1} is empty.

Explanation: The value specified for the attribute specified in the CSV file must be a valid, nonempty string.

User response: Import the CSV file again with a valid attribute value for the role ID.

CTJRG9167E Import of role-to-permission attachment for role {0} failed because the value specified for the role ID in the CSV file at line number {1} has length greater than 240 characters.

Explanation: The value of the attribute specified in the CSV file has a length greater than 240 characters.

User response: Import the CSV file again with a valid attribute value for the role ID.

CTJRG9168E Import of role-to-permission attachments for role {0} failed because the value specified for the attribute permission ID in the CSV file at line number {1} is either null or empty.

Explanation: The value specified for the attribute specified in the CSV file must be a valid, nonempty string.

User response: Import the CSV file again with a valid attribute value for the permission ID.

CTJRG9169E Import of role-to-permission attachment for role {0} failed because the value specified for the permission ID in the CSV file at line number {1} has length greater than 240 characters.

Explanation: The value of the attribute specified in the CSV file has a length greater than 240 characters.

User response: Import the CSV file again with a valid attribute value for the permission ID.

CTJRG9170E Import of role-to-permission attachments for role {0} failed because the value specified for the attribute source URI in the CSV file at line number {1} is either null or empty.

Explanation: The value specified for the attribute specified in the CSV file must be a valid, nonempty string.

User response: Import the CSV file again with a valid attribute value for the source unique identifier.

CTJRG9171E Import of role-to-permission attachment for role {0} failed because the value specified for the source unique identifier in the CSV file at line number {1} has length greater than 240 characters.

Explanation: The value of the attribute specified in the CSV file has a length greater than 240 characters.

User response: Import the CSV file again with a valid attribute value for the source unique identifier.

CTJRG9172E Import of role-to-permission attachment for role {0} failed because the value of the session specified does not exist in the Identity and Entitlement database.

Explanation: The value of the file specified in the CSV file does not exist in the Identity and Entitlement database.

User response: Import the CSV file again with a valid session that exists in the Identity and Entitlement database.

CTJRG9173E Import of role-to-permission attachment for role {0} failed because the value of the file specified does not exist in the Identity and Entitlement database.

Explanation: The value of the file specified in the CSV file does not exist in the Identity and Entitlement database.

User response: Import the CSV file again with a valid file that exists in the Identity and Entitlement database.

CTJRG9174E Import of identity-to-role attachments for identity {0} failed because the value specified for the attribute identity ID in the CSV file at line number {1} is either null or empty.

Explanation: The value specified for the attribute specified in the CSV file must be a valid, nonempty string.

User response: Import the CSV file again with a valid attribute value for the identity ID.

CTJRG9175E Import of identity-to-role attachment for role {0} failed because the value specified for the identity ID in the CSV file at line number {1} has length greater than 240 characters.

Explanation: The value of the attribute specified in the CSV file has a length greater than 240 characters.

User response: Import the CSV file again with a valid attribute value for the identity ID.

CTJRG9176E **Import of identity-to-role attachments for identity {0} failed because the value specified for the attribute role ID in the CSV file at line number {1} is either null or empty.**

Explanation: The value specified for the attribute specified in the CSV file must be a valid, nonempty string.

User response: Import the CSV file again with valid attribute value for role ID.

CTJRG9177E **Import of identity-to-role attachment for identity {0} failed because the value specified for the role ID in the CSV file at line number {1} has length greater than 240 characters.**

Explanation: The value of the attribute specified in the CSV file has a length greater than 240 characters.

User response: Import the CSV file again with a valid attribute value for the role ID.

CTJRG9178E **Import of identity-to-role attachments for identity {0} failed because the value specified for the attribute source unique identifier in the CSV file at line number {1} is missing.**

Explanation: The value specified for the attribute specified in the CSV file must be a valid, nonempty string.

User response: Import the CSV file again with a valid attribute value for the source unique identifier.

CTJRG9179E **Import of identity-to-role attachment for identity {0} failed because the value specified for the source unique identifier in the CSV file at line number {1} has length greater than 240 characters.**

Explanation: The value of the attribute specified in the CSV file has a length greater than 240 characters.

User response: Import the CSV file again after changing the source unique identifier value so that it is less than 240 characters.

CTJRG9180E **Import of identity-to-role attachment for identity {0} failed because the value of the session specified does not exist in the Identity and Entitlement database.**

Explanation: The value of the file specified in the CSV file does not exist in the Identity and Entitlement database.

User response: Import the CSV file again with a valid

session that exists in the Identity and Entitlement database.

CTJRG9181E **Import of identity-to-role attachment for identity {0} failed because the value of the file specified does not exist in the Identity and Entitlement database.**

Explanation: The value of the file specified in the CSV file does not exist in the Identity and Entitlement database.

User response: Import the CSV file again with a valid file that exists in the Identity and Entitlement database.

CTJRG9182E **Import of identity-to-permission attachments for identity {0} failed because the value specified for the attribute 'identity id' in the CSV file at line number {1} is empty.**

Explanation: The value specified for the attribute specified in the CSV file must be a valid, nonempty string.

User response: Import the CSV file again after changing the specified value to a valid, nonempty string.

CTJRG9183E **Import of identity-to-permission attachment for identity {0} failed because the value specified for the identity ID in the CSV file at line number {1} has length greater than 240 characters.**

Explanation: The value of the attribute specified in the CSV file has a length greater than 240 characters.

User response: Import the CSV file again after changing the identity ID value so that it is less than 240 characters.

CTJRG9184E **Import of identity-to-permission attachments for identity {0} failed because the value specified for the attribute 'permission id' in the CSV file at line number {1} is empty.**

Explanation: The value specified for the attribute specified in the CSV file must be a valid, nonempty string.

User response: Import the CSV file again after changing the specified value to a valid, nonempty string.

CTJRG9185E Import of identity-to-permission attachment for identity {0} failed because the value specified for the permission ID in the CSV file at line number {1} has length greater than 240 characters.

Explanation: The value of the attribute specified in the CSV file has a length greater than 240 characters.

User response: Import the CSV file again after changing the identity ID value so that it is less than 240 characters.

CTJRG9186E Import of identity-to-permission attachments for identity {0} failed because the value specified for the attribute 'source uri' in the CSV file at line number {1} is empty.

Explanation: The value specified for the attribute specified in the CSV file must be a valid, nonempty string.

User response: Import the CSV file again after changing the specified value to a valid, nonempty string.

CTJRG9187E Import of identity-to-permission attachment for identity {0} failed because the value specified for the source unique identifier in the CSV file at line number {1} has length greater than 240 characters.

Explanation: The value of the attribute specified in the CSV file has a length greater than 240 characters.

User response: Import the CSV file again after changing the identity ID value so that it is less than 240 characters.

CTJRG9188E Import of identity-to-permission attachment for identity {0} failed because the value of the session specified does not exist in the Identity and Entitlement database.

Explanation: The value of the file specified in the CSV file does not exist in the Identity and Entitlement database.

User response: Import the CSV file again with a valid session that exists in the Identity and Entitlement database.

CTJRG9189E Import of identity-to-permission attachment for identity {0} failed because the value of the file specified does not exist in the Identity and Entitlement database.

Explanation: The value of the file specified in the CSV

file does not exist in the Identity and Entitlement database.

User response: Import the CSV file again with a valid file that exists in the Identity and Entitlement database.

CTJRG9191E Import of permission {0} failed because the value specified for the description in the CSV file at line number {1} has length greater than 1024 characters.

Explanation: The value of the attribute specified in the CSV file has a length greater than 1024 characters.

User response: Import the CSV file again after changing the permission description so that it is less than 1024 characters.

CTJRG9192E Import of role {0} failed because the value specified for the description in the CSV file at line number {1} has length greater than 1024 characters.

Explanation: The value of the attribute specified in the CSV file has a length greater than 1024 characters.

User response: Import the CSV file again after changing the role description so that it is less than 1024 characters.

CTJRG9193E Import of separation of duty constraint {0} failed because the value specified for the rule description in the CSV file at line number {1} has length greater than 1024 characters.

Explanation: The value of the attribute specified in the CSV file has a length greater than 1024 characters.

User response: Import the CSV file again after changing the rule description so that it is less than 1024 characters.

CTJRG9194E Import of role type {0} failed because the value specified for the attribute name in the CSV file at line number {1} is empty or null.

Explanation: The value of the name specified in the CSV file must be a valid, nonempty string.

User response: Import the CSV file again with a valid attribute value name for the role type.

CTJRG9195E Import of role type {0} failed because the value specified for the name in the CSV file at line number {1} has length greater than 240 characters.

Explanation: The value of the attribute specified in the CSV file has a length greater than 240 characters.

User response: Import the CSV file again with a valid

attribute value name for the role type.

Chapter 3. Installation messages

Use these error messages to help you troubleshoot problems that might have occurred during installation.

CTJRI0001E   The supported version of WebSphere Application Server is not found in the specified directory.

Explanation: An error occurred because the supported version of WebSphere Application Server is not found in the specified directory.

User response: Perform one of the following actions: 1) Specify the directory in which a supported version of WebSphere Application Server is installed. 2) If the supported version of WebSphere Application Server is not installed, you must install it before you can continue. See the Installing and Configuring topics in the Role and Policy Modeler information center.

CTJRI0002E   Specify a valid WebSphere Application Server directory.

Explanation: An error occurred because the specified directory is not a valid WebSphere Application Server installation directory.

User response: Specify the directory in which WebSphere Application Server is installed.

CTJRI0003E   The required version of Tivoli Integrated Portal is not installed. The supported version is {0}. For information about system requirements, see the Role and Policy Modeler information center.

Explanation: An error occurred because the supported version of the Tivoli Integrated Portal was not found on the specified WebSphere Application Server instance.

User response: Perform one of the following actions: 1) Specify a WebSphere Application Server installation directory with a supported version of Tivoli Integrated Portal. 2) Specify the WebSphere installation directory that does not have Tivoli Integrated Portal. The Role and Policy Modeler installation process installs Tivoli Integrated Portal and Tivoli Common Reporting if they are not already installed. See the Installing and Configuring topics in the Role and Policy Modeler information center.

CTJRI0004E   The specified directory is not valid.

Explanation: An error occurred because the specified directory does not exist on the system.

User response: Specify a valid directory.

CTJRI0005E   At least one required field is missing a value.

Explanation: An error occurred because a value is not specified for one of the required fields on the panel.

User response: Specify values for all the required fields on the panel. Required fields are indicated by an asterisk.

CTJRI0006E   An error occurred on the Tivoli Integrated Portal server. Verify that it is running and that the specified credentials are correct.

Explanation: An error occurred because Tivoli Integrated Portal server is not running or the credentials were incorrectly specified.

User response: First, ensure that Tivoli Integrated Portal server is running. Then, specify the correct Tivoli Integrated Portal credentials. See the Installing and Configuring topics in the Role and Policy Modeler information center.

CTJRI0007E   The Tivoli Integrated Portal credentials are incorrect.

Explanation: An error occurred because incorrect Tivoli Integrated Portal credentials were specified.

User response: Specify the correct Tivoli Integrated Portal credentials. See the Installing and Configuring topics in the Role and Policy Modeler information center.

CTJRI0008E   The Tivoli Integrated Portal server is not running. Start the server, and then click Test Connection.

Explanation: The Tivoli Integrated Portal Server is not running.

User response: Start the Tivoli Integrated Portal server, and then click Test Connection. See the Installing and Configuring topics in the Role and Policy Modeler information center.

CTJRI0009E   Enter the Tivoli Integrated Portal administrator name.

Explanation: An error occurred because the Tivoli Integrated Portal administrator name is missing.

User response: For an existing Tivoli Integrated Portal installation, enter the name for the Tivoli Integrated Portal administrator that was specified during the product installation or one that was added later. If you do not know the valid administrator name, contact your system administrator. For a new Tivoli Integrated Portal installation, enter the name for the Tivoli Integrated Portal administrator for Tivoli Integrated Portal installation.

CTJRI0010E   Enter a valid Tivoli Integrated Portal administrator password.

Explanation: An error occurred because the Tivoli Integrated Portal administrator password is missing or invalid.

User response: Enter the password that is associated with the Tivoli Integrated Portal administrator that you specified. If you do not know the password, contact your system administrator.

CTJRI0016E   The deployment engine is not found.

Explanation: An error occurred because the deployment engine was not found.

User response: Contact the system administrator.

CTJRI0019E   Enter a valid database host name.

Explanation: An error occurred because a valid database host name was not specified.

User response: Specify the correct host name that has a database installed. Contact your system or database administrator for more information.

CTJRI0020E   Enter a valid database port number.

Explanation: An error occurred because the database port number is missing.

User response: Specify the correct database port number.

CTJRI0021E   Enter the correct IBM DB2 JDBC driver path.

Explanation: An error occurred because the correct path for the IBM DB2 JDBC driver was not specified, or the path for the IBM DB2 client or server installation directory was missing.

User response: Specify the correct IBM DB2 JDBC driver path.

CTJRI0022E   Enter a valid user ID.

Explanation: An error occurred because a valid user ID was not specified.

User response: Specify a valid user ID.

CTJRI0023E   Enter a valid password for the database user ID.

Explanation: An error occurred because a valid password for the user ID was not specified.

User response: Specify a valid password.

CTJRI0024E   Enter a valid database name.

Explanation: An error occurred because a valid database name was not specified.

User response: Specify a valid database name.

CTJRI0026E   The IBM DB2 credentials are incorrect.

Explanation: An error occurred because incorrect IBM DB2 credentials were specified.

User response: Specify the correct IBM DB2 credentials. Contact the database administrator for more information.

CTJRI0027E   The specified host name or port number are incorrect.

Explanation: An error occurred because an incorrect host name or port number were specified.

User response: Specify a valid host name and port number.

CTJRI0028E   The specified IBM DB2 host name is invalid.

Explanation: An error occurred because an incorrect IBM DB2 host name was specified.

User response: Specify a valid IBM DB2 host name.

CTJRI0029E   The specified database name is incorrect.

Explanation: An error occurred because an incorrect database name was specified or the specified database does not exist.

User response: Specify a valid database name.

CTJRI0030E   The JDBC driver cannot be loaded.

Explanation: An error occurred because the JDBC drivers were not loaded.

User response: Contact the system administrator.

CTJRI0031E   Enter a valid port number. The specified port number contains unsupported characters.

Explanation: An error occurred because unsupported characters were entered into the Port Number field.

Only numeric characters are supported for the port number.

User response: Specify the correct port number.

CTJRI0032E **The port number that was provided is invalid. Enter a number between 1024 and 65520. The Tivoli Integrated Portal installation requires 15 consecutive free ports from the specified port number. For example, if you specify 1024, there must be free ports through 1038.**

Explanation: An error occurred because an incorrect port number was specified. The specified port number was not in the range of 1024 and 65520.

User response: Specify a port number between 1024 and 65520, with 15 consecutive free ports starting from the specified port number.

CTJRI0033E **The Tivoli Integrated Portal installation requires 15 consecutive free ports. Port number {0} is not available. Enter another port number. Port validation might take several minutes.**

Explanation: An error occurred because one of 15 consecutive ports was not available.

User response: Specify another port number.

CTJRI0034E **The specified passwords do not match.**

Explanation: An error occurred because the specified passwords do not match.

User response: Enter the same value in both the Password and Confirm Password fields.

CTJRI0035E **Enter the password and the confirmation. The password fields cannot be empty.**

Explanation: An error occurred because one of the password fields was empty.

User response: Enter a value in both the Password and Confirm Password fields.

CTJRI0036E **Enter a valid port number. A port number is required.**

Explanation: An error occurred because the port number is not specified.

User response: Specify a valid port number.

CTJRI0037E **The Tivoli Integrated Portal administrator ID contains unsupported characters. Enter a valid Tivoli Integrated Portal administrator name.**

Explanation: An error occurred because an unsupported character was specified in the Tivoli Integrated Portal administrator ID field.

User response: Enter a valid Tivoli Integrated Portal administrator name. For more information, see the Installing and Configuring topics of the Role and Policy Modeler information center.

CTJRI0038E **Arguments passed into {0} are null.**

Explanation: An error occurred because a null value was passed for the argument.

User response: Contact your system administrator.

Administrator response: Contact IBM Software Support.

CTJRI0039E **Module {0} received fewer arguments than expected. The minimum number of required arguments is {1}.**

Explanation: An error occurred because fewer arguments were passed to the specified module than expected.

User response: Contact your system administrator.

Administrator response: Contact IBM Software Support.

CTJRI0040E **The database configuration of IBM Security Role and Policy Modeler with IBM DB2 failed.**

Explanation: An error occurred because the configuration of IBM Security Role and Policy Modeler with a database failed.

User response: Configure Role and Policy Modeler with IBM DB2 database manually. For more information, see the Installing and Configuring topics in the Role and Policy Modeler information center.

CTJRI0041E **The unconfiguration of IBM Security Role and Policy Modeler with the database failed.**

Explanation: An error occurred because the unconfiguration of IBM Security Role and Policy Modeler with the database failed.

User response: For information about manually cleaning up the Role and Policy Modeler components from Tivoli Integrated Portal, see the Installing and Configuring topics in the Role and Policy Modeler information center.

CTJRI0042E   Module {0} received an unknown action.

Explanation: An error occurred because the specified module received an unknown action.

User response: Contact your system administrator.

Administrator response: Contact IBM Software Support.

CTJRI0043E   IBM Security Role and Policy Modeler cannot be configured with DB2.

Explanation: An error occurred because the configuration of Role and Policy Modeler with IBM DB2 failed.

User response: Configure Role and Policy Modeler with IBM DB2 database manually. For more information, see the Installing and Configuring topics in the Role and Policy Modeler information center.

CTJRI0044E   The {0} string is either null or empty.

Explanation: An error occurred because the value of specified string was null or empty.

User response: Contact your system administrator.

Administrator response: Contact IBM Software Support.

CTJRI0045E   The IBM Security Role and Policy Modeler console cannot be installed.

Explanation: An error occurred because the IBM Security Role and Policy Modeler console installation failed.

User response: For information about manually cleaning up the Role and Policy Modeler components from Tivoli Integrated Portal, see the Installing topics in the Role and Policy Modeler information center. Restart the Tivoli Integrated Portal server, and run the Role and Policy Modeler installer again.

CTJRI0046E   The IBM Security Role and Policy Modeler console cannot be uninstalled.

Explanation: An error occurred because the IBM Security Role and Policy Modeler console uninstallation failed.

User response: For information about manually cleaning up the Role and Policy Modeler components from Tivoli Integrated Portal, see the Installing topics in the Role and Policy Modeler information center.

CTJRI0047E   The file {0} does not exist.

Explanation: An error occurred because the specified file does not exist.

User response: Contact the system administrator.

Administrator response: Contact IBM Software Support.

CTJRI0048E   The directory {0} does not exist.

Explanation: An error occurred because the specified directory does not exist.

User response: Contact the system administrator.

Administrator response: Contact IBM Software Support.

CTJRI0049E   IBM Security Role and Policy Modeler server cannot be installed.

Explanation: An error occurred because the IBM Security Role and Policy Modeler server installation failed.

User response: For information about manually cleaning up the Role and Policy Modeler components from Tivoli Integrated Portal, see the Installing topics in the Role and Policy Modeler information center. Restart the Tivoli Integrated Portal server, and run the Role and Policy Modeler installer again.

CTJRI0050E   The IBM Security Role and Policy Modeler server cannot be uninstalled.

Explanation: An error occurred because the IBM Security Role and Policy Modeler server uninstallation failed.

User response: For information about manually cleaning up the Role and Policy Modeler components from Tivoli Integrated Portal, see the Installing topics in the Role and Policy Modeler information center.

CTJRI0052E   The required fix pack level of WebSphere Application Server is not installed. For information about system requirements, see the Role and Policy Modeler information center.

Explanation: An error occurred because the fix pack level of WebSphere Application Server is not installed for the WebSphere Application Server instance.

User response: Install the required fix pack level for the WebSphere Application Server instance and then restart the installer. For information about system requirements, see the Role and Policy Modeler information center.

CTJRI0053E   The Tivoli Integrated Portal installation failed.

Explanation: An error occurred because the Tivoli Integrated Portal installation failed.

User response: For information about manually cleaning up the Tivoli Integrated Portal from

WebSphere Application Server, see the Installing topics in the Role and Policy Modeler information center. Run the Role and Policy Modeler installer again.

CTJRI0054E The password for the Tivoli Integrated Portal administrator ID contains unsupported characters. Enter a valid password.

Explanation: An error occurred because an unsupported character is specified in the Tivoli Integrated Portal administrator ID password field.

User response: Enter a valid password for the Tivoli Integrated Portal administrator ID. For more information, see the Installing topics in the Role and Policy Modeler information center.

CTJRI0055E The Work Manager for Role and Policy Modeler cannot be created.

Explanation: An error occurred because the creation of Work Manager for Role and Policy Modeler failed.

User response: For information about manually cleaning up the Role and Policy Modeler components from Tivoli Integrated Portal, see the Installing topics in the Role and Policy Modeler information center. Restart the Tivoli Integrated Portal server, and run the Role and Policy Modeler installer again.

CTJRI0056E Work Manager for Role and Policy Modeler cannot be deleted.

Explanation: An error occurred because the deletion of Work Manager for Role and Policy Modeler failed.

User response: For information about manually cleaning up the Role and Policy Modeler components from Tivoli Integrated Portal, see the Installing topics in the Role and Policy Modeler information center.

CTJRI0057E Information about Tivoli Common Reporting cannot be found. The Tivoli Common Reporting configuration might be corrupted.

Explanation: An error occurred because the Role and Policy Modeler installer cannot find the version of Tivoli Common Reporting on the WebSphere Application Server instance. The Tivoli Common Reporting configuration might be corrupted.

User response: Contact the system administrator.

CTJRI0058E The required version of Tivoli Common Reporting is not installed. The required version is {0}. For information about system requirements, see the Role and Policy Modeler information center.

Explanation: An error occurred because the supported

version of Tivoli Common Reporting is not found on the WebSphere Application Server instance.

User response: Perform one of the following actions: 1) Specify a WebSphere Application Server installation directory that contains the supported version of Tivoli Common Reporting, or 2) Specify the WebSphere Application Server installation directory that does not have Tivoli Common Reporting installed. Tivoli Common Reporting will be installed if it is not already installed.

CTJRI0060E The data source for Tivoli Common Reporting cannot be created.

Explanation: An error occurred because the creation of a data source for Tivoli Common Reporting failed.

User response: For information about creating a data source for Tivoli Common Reporting, see the Installing and Configuring topics in the Role and Policy Modeler information center.

CTJRI0061E The compatibility information for WebSphere Application Server cannot be found. Contact the system administrator.

Explanation: The Role and Policy Modeler installer cannot find the WebSphere Application Server compatibility information. The WebSphere Application Server configuration might be corrupted.

User response: Contact the system administrator to ensure that the WebSphere Application Server configuration is not corrupted.

CTJRI0062E A compatible version of WebSphere Application Server cannot be found in the specified directory.

Explanation: An error occurred because an incompatible version of WebSphere Application Server was found in the specified directory.

User response: Specify an installation directory that contains a compatible version of WebSphere Application Server.

CTJRI0063E The Role and Policy Modeler reports cannot be imported into Tivoli Common Reporting.

Explanation: An error occurred because the import of Role and Policy Modeler reports into Tivoli Common Reporting failed.

User response: For information about manually importing reports into Tivoli Common Reporting, see the Role and Policy Modeler information center.

CTJRI0064E The Role and Policy Modeler reports cannot be deleted from Tivoli Common Reporting.

Explanation: An error occurred because the deletion of Role and Policy Modeler reports from Tivoli Common Reporting failed.

User response: For information about manually deleting the reports from Tivoli Common Reporting, see the Role and Policy Modeler information center.

CTJRI0065E The data source for Tivoli Common Reporting cannot be deleted.

Explanation: An error occurred because the deletion of the data source from Tivoli Common Reporting failed.

User response: For information about manually deleting the data source from Tivoli Common Reporting, see the Role and Policy Modeler information center.

CTJRI0066E The Tivoli Integrated Portal uninstallation process failed.

Explanation: An error occurred because the Tivoli Integrated Portal uninstallation process failed.

User response: For information about manually cleaning up the Tivoli Integrated Portal from WebSphere Application Server, see the Role and Policy Modeler information center.

CTJRI0068E Enter the correct Oracle JDBC driver path.

Explanation: An error occurred because the correct path for the Oracle JDBC driver was not specified, or the path for the Oracle client or server installation directory is missing.

User response: Specify the correct Oracle JDBC driver path.

CTJRI0069E IBM Security Role and Policy Modeler cannot be configured with the Oracle database.

Explanation: An error occurred because the configuration of Role and Policy Modeler with the Oracle database failed.

User response: Configure Role and Policy Modeler with Oracle database manually. For more information, see the Configuring topics in the Role and Policy Modeler information center.

CTJRI0070E The Integrated Solutions Console application cannot be restarted.

Explanation: An error occurred because the Integrated Solutions Console application restart operation failed.

User response: Restart the Integrated Solutions Console application, and then start the Role and Policy Modeler installer again. See the Role and Policy Modeler information center for more information.

CTJRI0071E Enter a valid IBM DB2 alias name.

Explanation: An error occurred because an invalid IBM DB2 alias name was specified.

User response: Specify a valid IBM DB2 alias name.

CTJRI0072E Enter a valid IBM DB2 client or server installation directory.

Explanation: An error occurred because an invalid IBM DB2 client or server installation directory was specified.

User response: Specify a valid IBM DB2 client or server installation directory.

CTJRI0073E Enter a valid Oracle service name.

Explanation: An error occurred because an invalid Oracle service name was specified.

User response: Specify a valid Oracle service name.

CTJRI0074E Enter a valid Oracle client or server installation directory.

Explanation: An error occurred because an invalid Oracle client or server installation directory was specified.

User response: Specify a valid Oracle client or server installation directory

CTJRI0075E Enter a valid host name. The specified host name contains unsupported characters.

Explanation: An error occurred because unsupported characters were entered in the host name field.

User response: Specify the correct host name. For more information, see the Installing and Configuring topics in the Role and Policy Modeler information center.

CTJRI0076E Enter a valid JDBC driver path. The specified JDBC driver path contains unsupported characters.

Explanation: An error occurred because unsupported characters were entered into the JDBC driver path field.

User response: Specify a valid JDBC driver path. For more information, see the Installing and Configuring topics in the Role and Policy Modeler information center.

CTJRI0077E   Enter a valid existing IBM DB2 database name. The specified IBM DB2 database name contains unsupported characters.

Explanation: An error occurred because unsupported characters were entered into the IBM DB2 database name field.

User response: Specify a valid IBM DB2 database name. For more information, see the Installing and Configuring topics in the Role and Policy Modeler information center.

CTJRI0078E   Enter a valid SID or service name. The specified SID or service name field contains unsupported characters.

Explanation: An error occurred because unsupported characters were entered into the SID or service name field.

User response: Specify a valid SID or service name. For more information, see the Installing and Configuring topics in the Role and Policy Modeler information center.

CTJRI0079E   Enter a valid user ID. The specified user ID contains unsupported characters.

Explanation: An error occurred because unsupported characters were entered into the user ID field.

User response: Specify a valid user ID. For more information, see the Installing and Configuring topics in the Role and Policy Modeler information center.

CTJRI0080E   Enter a valid password for the user ID. The specified password contains unsupported characters.

Explanation: An error occurred because unsupported characters were entered into the password field.

User response: Specify a valid password for the user ID. For more information, see the Installing and Configuring topics in the Role and Policy Modeler information center.

CTJRI0081E   Enter a valid Oracle service name. The specified Oracle service name contains unsupported characters.

Explanation: An error occurred because unsupported characters were entered into the Oracle service name field.

User response: Specify a valid Oracle service name. For more information, see the Installing and

Configuring topics in the Role and Policy Modeler information center.

CTJRI0082E   Enter a valid IBM DB2 alias. The specified IBM DB2 alias contains unsupported characters.

Explanation: An error occurred because unsupported characters were entered into the IBM DB2 alias field.

User response: Specify a valid IBM DB2 alias. For more information, see the Installing and Configuring topics in the Role and Policy Modeler information center.

CTJRI0083E   Enter a valid SID or service name.

Explanation: An error occurred because a valid SID or service name was not specified.

User response: Specify a valid SID or service name.

CTJRI0084E   The specified port number is invalid. Enter a number between 1024 and 65520.

Explanation: An error occurred because an invalid port number was specified.

User response: Specify a port number between 1024 and 65520.

CTJRI0085E   Enter a valid WebSphere Application Server installation directory. The specified WebSphere Application Server installation directory contains unsupported characters.

Explanation: An error occurred because unsupported characters were entered into the WebSphere Application Server installation directory field.

User response: Specify a valid IBM WebSphere Application Server installation directory. For more information, see the Installing and Configuring topics in the Role and Policy Modeler information center.

CTJRI0086E   A WebSphere Application Server Express installation is found. WebSphere Application Server Express is not supported. Specify a directory containing a supported version of WebSphere Application Server.

Explanation: An error occurred because a supported WebSphere Application Server installation was not found in the specified directory.

User response: Perform one of the following actions: 1) Specify the directory for the WebSphere Application Server Base installation 2) Specify the directory for the WebSphere Application Server Base that uses the WebSphere Application Server Network Deployment installer.

CTJRI0087E **IBM Security Role and Policy Modeler already exists on the specified WebSphere Application Server directory. Specify a different WebSphere Application Server directory.**

Explanation: An error occurred because a Role and Policy Modeler installation was found in the specified WebSphere Application Server.

User response: Perform one of the following actions: 1) Specify a different directory for the WebSphere Application Server Base installation 2) Specify a different directory for the WebSphere Application Server Base that uses the WebSphere Application Server Network Deployment installer.

CTJRI0088E **The status of the IBM Security Role and Policy Modeler existence cannot be found on the specified WebSphere Application Server.**

Explanation: An error occurred because the command that checks the existence status of Role and Policy Modeler cannot be run.

User response: Restart the Tivoli Integrated Portal server, and run the Role and Policy Modeler installer again. If the problem continues, contact the system administrator.

Administrator response: For more information, see IBM Electronic Support at http://www.ibm.com/ software/sysmgmt/products/support/ index.html?ibmprd=tivman.

CTJRI0089E **The Tivoli Common Reporting server is not running. Start the server, and then click Test Connection.**

Explanation: The Tivoli Common Reporting server is not running.

User response: Start the Tivoli Common Reporting server, and then click Test Connection.

CTJRI0090E **An error occurred on the Tivoli Common Reporting server. Verify that it is running and that the specified credentials are correct.**

Explanation: An error occurred because the Tivoli Common Reporting server is not running or incorrect credentials were specified.

User response: Ensure that the Tivoli Common Reporting server is running. Then, specify the correct Tivoli Common Reporting credentials.

CTJRI0091E **The configure later option has been selected for product configuration. The product will not be in a functional state until it is configured with the database. See the Role and Policy Modeler information center to configure the product manually.**

Explanation: An error occurred because the configure later option has been selected for product configuration.

User response: See the Installing and Configuring topics in the Role and Policy Modeler information center to configure the product manually.

CTJRI0092E **Product configuration with the database failed. See the Installing and Configuring topics in the Role and Policy Modeler information center to configure the product manually.**

Explanation: An error occurred because product configuration with the database failed.

User response: See the Installing and Configuring topics in the Role and Policy Modeler information center to configure the product manually.

CTJRI0093E **The reports configuration failed. See the Installing and Configuring topics in the Role and Policy Modeler information center to configure the reports manually.**

Explanation: An error occurred because the reports configuration failed.

User response: See the Installing and Configuring topics in the Role and Policy Modeler information center to configure reports manually.

CTJRI0094E **The configure later option has been selected for the reports configuration. See the Installing and Configuring topics in the Role and Policy Modeler information center to configure reports manually.**

Explanation: An error occurred because the configure later option was selected for reports configuration.

User response: See the Installing and Configuring topics in the Role and Policy Modeler information center to configure reports manually.

CTJRI0095E **Database configuration for the product, along with reports, failed. See the Installing and Configuring topics in the Role and Policy Modeler information center to configure manually.**

Explanation: An error occurred because database

configuration for the product, along with reports, has failed.

User response: See the Installing and Configuring topics in the Role and Policy Modeler information center to configure the product and reports manually.

CTJRI0096E WebSphere Application Server does not have the required permissions. Specify WebSphere Application Server with the required permissions.

Explanation: An error occurred because WebSphere Application Server does not have the required permissions.

User response: Specify WebSphere Application Server with the required permissions.

CTJRI0097E The widget definition for the Role and Policy Modeler console cannot be imported.

Explanation: An error occurred because the widget definition for Role and Policy Modeler console cannot be imported.

User response: Contact the system administrator.

CTJRI0098E Creation of the preference profile for the Role and Policy Modeler console failed.

Explanation: An error occurred because creation of a preference profile for the Role and Policy Modeler console failed.

User response: Contact the system administrator.

CTJRI0099E The database alias name or database name {0} could not be found. SQLSTATE=42705

Explanation: An error occurred because the database alias name or database name could not be found.

User response: Contact the system administrator.

CTJRI0100E Invalid argument value. SQLSTATE=HY009

Explanation: An error occurred because an invalid argument value was passed to the IBM DB2 alias field.

User response: Contact the system administrator.

CTJRI0101E Enter the IBM Security Role and Policy Modeler user name.

Explanation: An error occurred because the IBM Security Role and Policy Modeler user name was missing.

User response: For an existing Tivoli Integrated Portal

installation, enter either the name of the existing Tivoli Integrated Portal user or the user name you want to create. For a new Tivoli Integrated Portal installation, specify the user name you want to create.

CTJRI0102E Enter a valid password for the IBM Security Role and Policy Modeler user ID.

Explanation: An error occurred because the password for the IBM Security Role and Policy Modeler user ID was missing.

User response: For an existing Tivoli Integrated Portal installation, enter either the password of the existing Tivoli Integrated Portal user or the password for the user name you want to create. For a new Tivoli Integrated Portal installation, specify the password for the user name you want to create.

CTJRI0103E The IBM Security Role and Policy Modeler user ID contains unsupported characters. Enter a valid IBM Security Role and Policy Modeler user ID.

Explanation: An error occurred because an unsupported character was specified in the IBM Security Role and Policy Modeler user ID field.

User response: Enter a valid IBM Security Role and Policy Modeler user ID. See the Installing and Configuring topics in the Role and Policy Modeler information center.

CTJRI0104E The password for the IBM Security Role and Policy Modeler user ID contains unsupported characters. Enter a valid password.

Explanation: An error occurred because an unsupported character was specified in the password field for the IBM Security Role and Policy Modeler user ID.

User response: Enter a valid IBM Security Role and Policy Modeler user ID password. See the Installing and Configuring topics in the Role and Policy Modeler information center.

CTJRI0105E Assigning Role and Policy Modeler roles to a Tivoli Integrated Portal user failed.

Explanation: An error occurred because assigning Role and Policy Modeler roles to a Tivoli Integrated Portal user failed.

User response: Assign Role and Policy Modeler roles to a Tivoli Integrated Portal user manually. See the Installing and Configuring topics in the Role and Policy Modeler information center.

CTJRI0106E The user specified as IBM Security Role and Policy Modeler user does not exist in Tivoli Integrated Portal.

Explanation: An error occurred because the user specified as IBM Security Role and Policy Modeler user does not exist in Tivoli Integrated Portal.

User response: Enter an existing user ID for the IBM Security Role and Policy Modeler user.

CTJRI0107E The user specified as IBM Security Role and Policy Modeler user already exists in Tivoli Integrated Portal. Provide another user name to create the IBM Security Role and Policy Modeler user.

Explanation: An error occurred because the user specified as IBM Security Role and Policy Modeler user already exists in Tivoli Integrated Portal.

User response: Enter a user name which does not exist.

CTJRI0108E An exception occurred while checking user existence.

Explanation: An error occurred while checking the user existence.

User response: Ensure that Tivoli Integrated Portal server is up and running and try again.

CTJRI0109E Exception occurred while executing the script to check user existence.

Explanation: An error occurred while executing the script to check user existence.

CTJRI0110E The IBM Security Role and Policy Modeler user ID cannot be the same as the Tivoli Integrated Portal administrator ID.

Explanation: An error occurred because a IBM Security Role and Policy Modeler user ID cannot be the same as the Tivoli Integrated Portal administrator ID.

User response: Specify a different Tivoli Integrated Portal user ID.

CTJRI0115E Creation of the dependency of IBM Security Role and Policy Modeler on Tivoli Integrated Portal and Tivoli Common Reporting has failed. See the Installing and Configuring topics in the Role and Policy Modeler information center to create the dependency manually.

Explanation: An error occurred because the creation of the dependency of IBM Security Role and Policy

Modeler on Tivoli Integrated Portal and Tivoli Common Reporting has failed. See the Installing and Configuring topics in the Role and Policy Modeler information center to create the dependency manually.

User response: Contact the system administrator.

CTJRI0116E The removal of the dependency of IBM Security Role and Policy Modeler registration from Tivoli Integrated Portal and Tivoli Common Reporting has failed.

Explanation: An error occurred because the removal of the dependency of IBM Security Role and Policy Modeler registration from Tivoli Integrated Portal and Tivoli Common Reporting has failed.

User response: Contact the system administrator.

CTJRI0117E IBM Security Role and Policy Modeler registration with Tivoli Integrated Portal has failed. See the Installing and Configuring topics in the Role and Policy Modeler information center to register IBM Security Role and Policy Modeler manually with Tivoli Integrated Portal.

Explanation: An error occurred because the registration for IBM Security Role and Policy Modeler with Tivoli Integrated Portal has failed. See the Installing and Configuring topics in the Role and Policy Modeler information center to register IBM Security Role and Policy Modeler manually with Tivoli Integrated Portal.

User response: Contact the system administrator.

CTJRI0118E The removal of IBM Security Role and Policy Modeler registration from Tivoli Integrated Portal has failed.

Explanation: An error occurred because the removal of the IBM Security Role and Policy Modeler registration from Tivoli Integrated Portal has failed.

User response: Contact the system administrator.

CTJRI0119E The Tivoli Integrated Portal fix pack installation failed.

Explanation: An error occurred because the Tivoli Integrated Portal fix pack installation failed.

User response: For information about cleaning up the Tivoli Integrated Portal fix pack from Tivoli Integrated Portal installation, see the Installation and Configuration Guide. Run the Role and Policy Modeler installer again.

CTJRI0120E The required version of the Tivoli Integrated Portal fix pack is not installed. The supported version is {0}. For information about system requirements, see the Role and Policy Modeler information center.

Explanation: An error occurred because the supported version of the Tivoli Integrated Portal fix pack was not found on the specified WebSphere Application Server instance.

User response: Perform one of the following actions: 1) Specify a WebSphere Application Server installation directory that contains a supported version of Tivoli Integrated Portal with a supported fix pack. 2) Specify the WebSphere installation directory that does not have Tivoli Integrated Portal. The Role and Policy Modeler installation process installs Tivoli Integrated Portal, Tivoli Common Reporting, and the Tivoli Integrated Portal fix pack if they are not already installed.

CTJRI0121E The Tivoli Integrated Portal fix pack uninstallation process failed.

Explanation: An error occurred because the Tivoli Integrated Portal fix pack uninstallation process failed.

User response: For information about uninstalling the Tivoli Integrated Portal fix pack, see the Installation and Configuration Guide.

CTJRI0122E The required maintenance package of WebSphere Application Server is not installed. For information about system requirements, see the Role and Policy Modeler information center.

Explanation: An error occurred because the maintenance package of WebSphere Application Server is not installed for the WebSphere Application Server instance.

User response: Install the required maintenance package for the WebSphere Application Server instance, and then restart the installer. For information about system requirements, see the Role and Policy Modeler information center.

CTJRI0123E The Role and Policy Modeler information center cannot be accessed.

Explanation: An error occurred because the Role and Policy Modeler information center link cannot be opened.

User response: Open your web browser and go to the information center link at http:// publib.boulder.ibm.com/infocenter/tivihelp/v2r1/ topic/com.ibm.security.modeling.doc/ic-homepage.htm.

CTJRI0124E The Role and Policy Modeler Installation and Configuration Guide cannot be located. Check the extracted image of the IBM Security Role and Policy Modeler installer.

Explanation: An error occurred because the Role and Policy Modeler Installation and Configuration Guide cannot be located.

User response: Check the extracted image of the IBM Security Role and Policy Modeler installer. The Role and Policy Modeler Installation and Configuration Guide can be found in the InstallDocuments directory.

CTJRI0126E The Tivoli Common Reporting fix pack installation failed.

Explanation: An error occurred because the Tivoli Common Reporting fix pack installation failed.

User response: For information about cleaning up the Tivoli Common Reporting fix pack from the Tivoli Common Reporting installation, see the Installation and Configuration Guide. Run the Role and Policy Modeler installer again.

CTJRI0127E The Tivoli Common Reporting fix pack uninstallation failed.

Explanation: An error occurred because the Tivoli Common Reporting fix pack uninstallation failed.

User response: For information about cleaning up the Tivoli Common Reporting fix pack from the Tivoli Common Reporting installation, see the Installation and Configuration Guide.

CTJRI0129E Available disk space at {0} is insufficient. For information about disk space requirements, see the Role and Policy Modeler information center.

Explanation: An error occurred because available disk space is insufficient.

User response: See the Role and Policy Modeler information center for disk space requirements.

CTJRI0130E Available disk space in the system temporary directory is insufficient. For information about system temporary space requirements, see the Role and Policy Modeler information center.

Explanation: An error occurred because available disk space in the system temporary directory is insufficient.

User response: See the Role and Policy Modeler information center for the system temporary space requirements.

CTJRI0131W

CTJRI0131W The disk space requirements for IBM Security Role and Policy Modeler cannot be evaluated. For information about Role and Policy Modeler disk space requirements, see the Role and Policy Modeler information center.

Explanation: An error occurred because the disk space check failed.

User response: See the Role and Policy Modeler information center for disk space requirements. Ensure that the disk space requirements are met before continuing with the installation wizard.

Chapter 4. Security Role and Policy Modeler messages

Use these messages to troubleshoot problems that might have occurred during the operation of Security Role and Policy Modeler.

CTJRP1000E The projects cannot be retrieved because of an internal error.

Explanation: Examine the log files for information about the problem.

CTJRP1001E The project cannot be found.

Explanation: The project was not found. The project might have been deleted.

User response: Resubmit the request specifying information for a project that exists.

CTJRP1002E The project cannot be retrieved because of an internal error.

Explanation: The request failed because an internal error occurred while retrieving the project. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1003E The identity schema attributes cannot be retrieved because of an internal error.

Explanation: An internal error has occurred.

User response: Check IBM Electronic Support for additional information - http://www.ibm.com/ support/entry/portal/Overview/Software/Tivoli/ Tivoli_Identity_Manager.

CTJRP1004E The identity schema attribute cannot be found.

Explanation: The identity schema attribute was not found. It might have been deleted.

User response: Resubmit the request and specify information for an identity schema attribute that exists.

CTJRP1005E The identity schema attribute with ID {0} cannot be retrieved because of an internal error.

Explanation: Examine the log files for information about the problem.

CTJRP1006E The value for identity schema attribute cannot be found.

Explanation: The identity schema attribute value was not found. It might have been deleted.

User response: Resubmit the request specifying information for an identity schema attribute value that exists.

CTJRP1007E The value for the identity schema attribute with ID {0} and ID {1} cannot be retrieved because of an internal error.

Explanation: Examine the log files for additional information regarding the problem.

CTJRP1008E The model cannot be retrieved because of an internal error.

Explanation: The request failed because an internal error occurred while retrieving the model. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1009E The role cannot be found.

Explanation: The role was not found. It might have been deleted.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1010E The role cannot be retrieved because of an internal error.

Explanation: The request failed because an internal error occurred while retrieving the role. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1011E The role cannot be created because of an internal error.

Explanation: The request failed because an internal error occurred while creating the role. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1012E The role cannot be changed because of an internal error.

Explanation: The request failed because an internal error occurred while changing the role. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1013E The role name is required, but it was not specified.

Explanation: The role name is a required field, but it was found missing while submitting this request.

User response: Specify a role name before resubmitting the request.

CTJRP1014E The users cannot be retrieved because of an internal error.

Explanation: Examine the log files for information about the problem.

CTJRP1015E The user cannot be found.

Explanation: The user was not found. The user might have been deleted.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1016E The user cannot be retrieved because of an internal error.

Explanation: The request failed because an internal error occurred while retrieving the user. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1017E The filter parameter is invalid: {0}.

Explanation: Valid parameters for retrieving users must meet one of the following conditions: 1. A value is specified for only one of the uiColumn1, uiColumn2, uiColumn3, uiColumn4, or uiColumn5 parameters. 2. The same value is specified for ALL five of the uiColumn1, uiColumn2, uiColumn3, uiColumn4, and uiColumn5 parameters. The filter parameter is invalid if different values are specified for more than one parameter.

User response: Correct the filter parameter and resubmit the request.

CTJRP1018E The range parameter {0} is not valid.

Explanation: The range parameter must be in the following format items=startIndex-endIndex . The first item must be represented by a start index value of 0. For example, to retrieve the first 10 items, specify items=0-9 .

User response: Correct the range parameter value and resubmit the request.

CTJRP1019E The query parameter {0} is not recognized.

Explanation: Review the product documentation for the description of the supported query parameters for your request.

User response: Correct the query parameters before resubmitting the request.

CTJRP1020E The following sorting parameter is invalid: {0}.

Explanation: The sorting parameter requires the following format: sort(sortvalue). The (sortvalue) is either a plus sign (+) for ascending order or a minus sign (-) for descending order. It is followed by uiColumn1, uiColumn2, uiColumn3, uiColumn4, or uiColumn5. For example, to sort a table in descending order by the second column, specify sort(-uiColumn2).

User response: Ensure that the sorting parameter has a valid value, including a valid column number for the table, and resubmit the request.

CTJRP1021E The role types cannot be retrieved because of an internal error.

Explanation: Examine the log files for information about the problem.

CTJRP1022E The role type cannot be found.

Explanation: An attempt was made to create or change a role with a role type that was not found. It might have been deleted.

CTJRP1023E The sorting parameter {0} is not valid.

Explanation: The sorting parameter requires the following format: sort(sortvalue) . (sortvalue) specifies + for ascending or - for descending and is followed by the column name on which you want to sort the table. For example, to sort a table in descending order by the column description, specify sort(-description) .

User response: Ensure that the sorting parameter specifies a valid value, including a valid column number for the table, and resubmit the request.

CTJRP1024E The role cannot be deleted because of an internal error.

Explanation: The request failed because an internal error occurred while deleting the role. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1025E The role cannot be deleted because the selected method for deleting a role is not supported: {0}.

Explanation: The following methods for deleting a role are supported: 1 - Delete a role, but maintain its inheritance relationships. Its parent roles become the parent roles of its children roles. 2 - Delete a role, but not its descendant roles. 3 - Delete a role, and its descendant roles.

User response: Change the method by which you want to delete the role and try again.

CTJRP1026E The owners for the role cannot be retrieved because of an internal error.

Explanation: The request failed because an internal error occurred while retrieving the role owners. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1027E The specified parent or child roles cannot be found.

Explanation: The request to create or change the role failed because one or more of the specified parent or child roles cannot be found. One or more of the specified parent or child roles might have been deleted.

User response: Correct the parent and child roles, and resubmit the request.

CTJRP1028E The incoming {0} operation cannot be undone.

Explanation: The operation generates a series of cascading updates. This operation results in an unrecoverable state.

User response: Resubmit the operation with the query parameter checkUndoFlag=false to override the undo feature.

CTJRP1029E The file {0} cannot be removed because of an internal error.

Explanation: The request failed because an internal error occurred while deleting a file from import session. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1030E The session cannot be created because of an internal error.

Explanation: The request failed because an internal error occurred while creating the import session. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1031E The file cannot be created with session name {0} because of an internal error.

Explanation: The request failed because an internal error occurred while creating the file. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1032E The session with ID {0} cannot be found.

Explanation: The session with the specified identifier was not found. The session might have been deleted.

Administrator response: Verify if the session exists. Use the import panel to search for the session.

CTJRP1033E The session cannot be updated with ID {0} because of an internal error.

Explanation: Examine the log files for information about the problem.

CTJRP1034E The sessions cannot be retrieved because of an internal error.

Explanation: The request failed because an internal error occurred during the import sessions. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1035E The parent roles cannot be retrieved because of an internal error.

Explanation: The request failed because an internal error occurred while retrieving the parent roles. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1036E The model cannot be found.

Explanation: The model was not found. It might have been deleted.

User response: Resubmit the request specifying information for a model that exists.

CTJRP1037E The role with name {0} cannot be copied because of an internal error.

Explanation: The role was not copied because an internal error occurred. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1038E The userscope attribute cannot be found.

Explanation: The userscope attribute was not found. The userscope attribute might have been deleted.

User response: Resubmit the request specifying information for a userscope attribute that exists.

CTJRP1039E The separation of duty policy with the following ID cannot be found: {0}.

Explanation: The separation of duty constraint with the specified identifier was not found. It might have been deleted.

Administrator response: Specify existing separation of duty identifiers, and resubmit the request.

CTJRP1040E The separation of duty policy with the following description cannot be created because of an internal error: {0} .

Explanation: The request failed because an internal error occurred while creating the separation of duty constraint. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1041E The separation of duty policy with the following description is invalid: {0} .

Explanation: The request to create or change the separation of duty constraint cannot be completed because the constraint is invalid.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1042E The separation of duty policy with the description {0} and ID {1} cannot be changed because of an internal error.

Explanation: The request failed because an internal error occurred while modifying the separation of duty constraint. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1043E The separation of duty policy with the description {0} and ID {1} cannot be deleted because of an internal error.

Explanation: The request failed because an internal error occurred while deleting the separation of duty constraint. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1044E Failed to retrieve all the separation of duty policies for the model with ID {0}.

Explanation: The request failed because an internal error occurred while retrieving the separation of duty constraint. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1045E Separation of duty constraints for role {0} cannot be retrieved because of internal error.

Explanation: The request failed because an internal error occurred when retrieving the separation of duty constraint. For example, the database might be inaccessible.

Administrator response: View the log files for additional information about the problem.

CTJRP1046E The sorting parameter {0} is not valid.

Explanation: The sorting parameter must be of the following format: sort(sortvalue) . (sortvalue) specifies + for ascending or - for descending. It is followed by the column name on which you want to sort the table. For example, to sort a table in descending order by the column description, specify sort(-description) .

User response: Ensure that the sorting parameter specifies a valid value, including a valid column number for the table, before resubmitting the request.

CTJRP1047E The permission cannot be retrieved because of an internal error.

Explanation: Examine the log files for information about the problem.

User response: Check IBM Electronic Support for additional information - http://www.ibm.com/support/entry/portal/Overview/Software/Tivoli/Tivoli_Identity_Manager.

CTJRP1048E The permission with ID {0} could not be found.

Explanation: The permission with the specified identifier was not found. It might have been deleted.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1049E The permission with ID {0} could not be retrieved because of an internal error.

Explanation: An internal error occurred while retrieving the specified permission. It might have been deleted or the database inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1050W   Separation of Duty constraint {0} violates the role hierarchy for the following roles: {1}.

Explanation: The roles added to the separation of duty constraint are in a parent-child relationship.

User response: Edit the separation of duty constraint and remove roles that are in a parent-child relationship. If the parent is added, remove the child role.

CTJRP1051W   Separation of Duty constraint {0} has following redundant roles: {1}.

Explanation: The roles added to the separation of duty constraint are redundant.

User response: Edit the separation of duty constraint to remove the redundant roles.

CTJRP1052E An error occurred while retrieving violations for the separation of duty constraint {0}.

Explanation: The request failed because an internal error occurred while retrieving the separation of duty constraints for the role. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1053E An error occurred while loading the session with session ID {0}.

Explanation: The request failed because an internal error occurred when retrieving the details of the import session. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1054E The scoping rule {0} is not valid.

Explanation: The scoping rule must follow this format : [{ // String Attribute attributeURI:https://host:port/isrm/rest/userscope/attributes/21291303551782356419, values:[ATTRIBUTEVALUE1, ATTRIBUTEVALUE2] }, { // Integer Attribute attributeURI:https://host:port/isrm/rest/userscope/attributes/67291303551782356414, values:[1, 3] }, { // Identity Attribute attributeURI:https://host:port/isrm/rest/userscope/attributes/43291303551782356233, values:[/users/1291304166353138181, /users/1291304166353138182] }, { // Hierarchical Attribute values must use the following suffixes : /SUBTREE or /BASE attributeURI:https://host:port/isrm/rest/userscope/attributes/66451303551782356789, values:[HEADOFFICE/SUBTREE, OZONE/BASE] }, { // Users attributeURI:https://host:port/isrm/rest/users, values:[/users/1291304166353138181, /users/1291304166353138182] }] Correct the scoping rule and post the request again.

User response: Correct the scoping rule and post the request again.

CTJRP1055E The scoping rule {0} is not valid.

Explanation: The scoping rule must follow this format : [{ // String Attribute attributeURI:https://host:port/isrm/rest/permissionscope/attributes/21291303551782356419, values:[ATTRIBUTEVALUE1, ATTRIBUTEVALUE2] }, { // Integer Attribute attributeURI:https://host:port/isrm/rest/permissionscope/attributes/67291303551782356414, values:[1, 3] }, { // Identity Attribute attributeURI:https://host:port/isrm/rest/permissionscope/attributes/43291303551782356233, values:[/users/1291304166353138181, /users/1291304166353138182] }, { // Hierarchical Attribute values must use the following suffixes : /SUBTREE or /BASE attributeURI:https://host:port/isrm/rest/permissionscope/attributes/66451303551782356789, values:[HEADOFFICE/SUBTREE, OZONE/BASE] }, { // Permissions attributeURI:https://host:port/isrm/rest/permissions, values:[/permissions/1291304166353138181, /permissions/1291304166353138182] }] Correct the scoping rule and post the request again.

User response: Correct the scoping rule and post the request again.

CTJRP1056E The filter parameter {0} is not valid.

Explanation: The filter parameter for retrieving roles must be name , description or all .

User response: Correct the filter parameter, and resubmit the request.

CTJRP1057E The child roles cannot be retrieved.

Explanation: The request failed because an internal error occurred while retrieving the child roles. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1058E The role {0} was copied with separation of duty constraints.

Explanation: The copied separation of duty constraints are already present in same model.

User response: Review the constraints and make sure that you need the copied separation of duty contraints.

CTJRP1059E The parent candidate roles cannot be retrieved.

Explanation: The request failed because an internal error occurred while retrieving the parent candidate roles. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1060E The child candidate roles cannot be retrieved.

Explanation: The request failed because an internal error occurred while retrieving the child candidate roles. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1061E The separation of duty constraint with ID {0} cannot be retrieved because of an internal error.

Explanation: The request failed because an internal error occurred while retrieving the separation of duty constraint. For example, the database might be inaccessible.

User response: Examine the log files for information about the problem.

CTJRP1062W The role hierarchy change causes the separation of duty constraint {0} to always generate conflicts for members of the following roles: {1}.

Explanation: The role hierarchy change was successful, but the resulting role hierarchy violates the separation of duty constraint.

User response: Change the role hierarchy so that it no longer violates separation of duty constraints, or change the separation of duty constraints to allow the role hierarchy.

CTJRP1063E The {0} parameter is mutually exclusive with the following parameters: {1}.

Explanation: The parameter specified one or more mutually exclusive parameters. You can use only one parameter.

User response: Specify only one of the parameters.

CTJRP1064W The operation completed successfully with warnings, but details of the warnings cannot be retrieved.

Explanation: Details for the warnings cannot be retrieved. For example, the description of a separation of duty constraint or the name of a role cannot be retrieved.

Administrator response: Examine the log files for information about the problem.

CTJRP1065E The following filter parameter is not valid: {0}.

Explanation: Valid parameters for retrieving permissions must meet one of the following conditions: 1. A value is specified for only one of the uiColumn1, uiColumn2, uiColumn3, uiColumn4, or uiColumn5 parameters. 2. The same value is specified for ALL five of the uiColumn1, uiColumn2, uiColumn3, uiColumn4, and uiColumn5 parameters. The filter parameter is invalid if different values are specified for more than one parameter.

User response: Correct the filter parameter, and resubmit the request.

CTJRP1066E The following sorting parameter is not valid: {0}.

Explanation: The sorting parameter requires the following format: sort(sortvalue). The (sortvalue) is either a plus sign (+) for ascending order or a minus sign (-) for descending order. It is followed by uiColumn1, uiColumn2, uiColumn3, uiColumn4, or uiColumn5. For example, to sort a table in descending order by the second column, specify sort(-uiColumn2). Ensure that the sorting parameter has a valid value,

including a valid column number for the table and resubmit the request.

CTJRP1067E The role permissions cannot be retrieved.

Explanation: The request failed because an internal error occurred while retrieving the role permissions. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1068E The body is not formatted correctly for the following request: method={0}, URI={1}.

Explanation: The request body for the specified HTTP method and URI is missing or formatted incorrectly. The request cannot be successfully processed.

Administrator response: Correct the body so that it satisfies the requirements of the request.

CTJRP1069E The specified method is not recognized: {0}.

Explanation: The specified method does not match one of the supported values of DELETE or POST.

Administrator response: Correct the method so that it specifies one of the supported values of DELETE or POST.

CTJRP1070E The URI cannot be created because of a syntax error.

Explanation: The content prevents a valid URI from being constructed.

Administrator response: Make sure the syntax for all specified URIs are correct, and then resubmit the request.

CTJRP1071E The parent roles cannot be added.

Explanation: No parent roles were added because an internal error occurred. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1072E The parent roles cannot be added because one or more parent roles cannot be found.

Explanation: One or more parent roles do not exist in the database. One or more parent roles might have been deleted by a previous request.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1073E The parent roles cannot be added. One or more parent roles are invalid.

Explanation: Parent roles must not include the subject role, any descendant role of the subject role, and any immediate parent of the subject role.

User response: Make sure the specified parent roles do not include any invalid roles. Resubmit the request.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1074E The child roles cannot be added.

Explanation: No child roles were added because an internal error occurred. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1075E The child roles cannot be added because one or more child roles cannot be found.

Explanation: One or more child roles do not exist in the database. One or more child roles might have been deleted by a previous request.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1076E The child roles cannot be added. One or more child roles are invalid.

Explanation: Child roles must not include the subject role, any ancestor role of the subject role, and any immediate child of the subject role.

User response: Ensure the specified child roles are valid, and resubmit the request.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1077E The role owners cannot be added.

Explanation: No role owners were added because an internal error occurred. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1078E The role owners cannot be added because one or more role owners cannot be found.

Explanation: One or more role owners do not exist in the database. One or more role owners might have been deleted by a previous request.

Administrator response: Examine the log files for

additional information about the problem.

CTJRP1079E The role owners cannot be added because it causes the role to exceed the maximum of {0} owners.

Explanation: No role owners were added. Adding them causes the role to exceed the specified maximum number of owners.

User response: Reduce the number of owners and resubmit the request.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1080E The role members cannot be added.

Explanation: No role members were added because an internal error occurred. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1081E The role members cannot be added because one or more role members cannot be found.

Explanation: One or more role members do not exist in the database. One or more role members might have been deleted by a previous request.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1082E The parent roles cannot be removed.

Explanation: No parent roles were removed because an internal error occurred. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1083E The parent roles cannot be removed because one or more roles cannot be found.

Explanation: One or more than one of the roles do not exist in the database. Either the role for which you want to remove the parent roles does not exist, or one or more of the parent roles do not exist in the database. The roles might have been deleted by a previoius request.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1084E The child roles cannot be removed.

Explanation: No child roles were removed because an internal error occurred. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1085E The child roles cannot be removed because one or more roles cannot be found.

Explanation: One or more than one of the roles do not exist in the database. Either the role for which you want to remove the child roles does not exist, or one or more of the child roles do not exist in the database. The roles might have been deleted by a previoius request.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1086E The role owners cannot be removed.

Explanation: No role owners were removed because an internal error occurred. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1087E The role owners cannot be removed because the role or one or more role owners cannot be found.

Explanation: Either the role for which you want to remove the role owners does not exist, or one or more of the role owners do not exist in the database. The role or role owners might have been deleted by a previoius request.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1088E The role members cannot be removed.

Explanation: No role members were removed because an internal error occurred. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1089E The role members cannot be removed because the role or one or more role members cannot be found.

Explanation: Either the role for which you want to remove the role members does not exist, or one or more of the role members do not exist in the database. The role or role members might have been deleted by a previoius request.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1090E The role cannot be copied.

Explanation: The role was not copied because an internal error occurred. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1091E The userscope attribute cannot be retrieved.

Explanation: The request failed because an internal error occurred while retrieving the userscope attribute. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1092E The request failed because the headers do not specify the required value for a batch request.

Explanation: The request failed because the X-HTTP-Method-Override or X-Method-Override request header does not specify the required value of BATCH.

User response: Specify a value of BATCH for either the X-HTTP-Method-Override or X-Method-Override request header and resubmit the request.

CTJRP1093E The permission schema cannot be retrieved.

Explanation: The request failed because an internal error occurred while retrieving the permission schema. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1094E The permission candidates cannot be retrieved.

Explanation: The request failed because an internal error occurred while retrieving the permission candidates. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1095E The system cannot retrieve the file: {0}.

Explanation: The request to retrieve the file failed because of an internal error. For example, the database might be inaccessible.

User response: View the log files for additional

information about the problem.

CTJRP1096E The file with ID {0} is not available.

Explanation: The identifier of the file may be incorrect, or the file might have been deleted.

User response: Specify a valid file identifier for a file that exists.

CTJRP1097W   The file {0} is already marked for deletion. This delete request is invalid.

Explanation: The specified file is being deleted on the server. File deletion is an asynchronous process and it might take some time to complete the operation. Repeated delete requests for the same file are invalid.

User response: The system cannot process multiple deletion requests for the same file. Do not make another deletion request for the specified file.

CTJRP1098E The project {0} cannot be created.

Explanation: The request failed because an internal error occurred while creating the project. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1099E Specify a valid project name and resubmit the request.

Explanation: The request did not contain a project name or the project name was invalid. The project name is a required field.

User response: Specify a project name and resubmit the request.

CTJRP1101E The user selection specified with the create project request exceeds the maximum limit of selected users.

Explanation: The user selection is exceeding the maximum limit of 1000 selected users.

User response: Specify user selection details that do not exceed the maximum limit of selected users before resubmitting the request.

CTJRP1102E The specified user or permission selections are invalid.

Explanation: The specified user or permission selections are invalid or do not exist.

User response: Verify the user and permission selection details before resubmitting the request.

CTJRP1103E The role permissions cannot be added.

Explanation: No role permissions were added because an internal error occurred. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1104E The role permissions cannot be added because one or more role permissions cannot be found.

Explanation: One or more role permissions do not exist in the database. One or more role permissions might have been deleted by a previous request.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1105E The role permissions cannot be removed.

Explanation: No role permissions were removed because an internal error occurred. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1106E The role permissions cannot be removed because the role or one or more role permissions cannot be found.

Explanation: Either the role for which you want to remove the role permissions does not exist, or one or more of the role permissions do not exist in the database. The role or role permissions might have been deleted by a previoius request.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1107E The project is corrupted.

Explanation: The request failed because the project is corrupted. For example, the project does not have a model.

User response: Check IBM Electronic Support for additional information - http://www.ibm.com/support/entry/portal/Overview/Software/Tivoli/Tivoli_Identity_Manager.

CTJRP1108E The project cannot be deleted.

Explanation: The request failed because an internal error occurred while deleting the project. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1109E The following entity type is not supported: {0}.

Explanation: The supported entity types for adding, modifying, or deleting attributes are roles and separation of duty constraints.

User response: Ensure that the REST URL includes roles and separation of duty constraints when the supported entity type value is roles and separation of duty constraints respectively.

CTJRP1110E The system cannot load the attributes of entity type {0}.

Explanation: The request failed because an internal error occurred while retrieving the attributes for the entity. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1111E The system cannot load the unique attribute values for entity type {0}.

Explanation: The request failed because an internal error occurred while retrieving the attributes for the entity. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1112E An incorrect value {0} was passed to attribute {1}.

Explanation: The request failed because an incorrect value was assigned to the attribute. For example, an alphabetic character was assigned to an attribute of type integer.

Administrator response: Verify if the value passed is supported for the attribute.

CTJRP1113E The attribute type {0} of attribute {1} is not supported.

Explanation: The request failed because an incorrect attribute type was specified to the attribute. The supported attribute types are integer, string, identity and hierarchy.

Administrator response: Specify a supported attribute type.

CTJRP1114E The attribute values collection for role {0} is null.

Explanation: A null value was passed to remove the attribute values.

Administrator response: Use a collection that is filled with valid attribute values.

CTJRP1115E The system cannot delete the attribute values for entity type {0}.

Explanation: The request failed because an internal error occurred while deleting the attributes for the entity. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1116E The system cannot add attribute values for entity type {0}.

Explanation: The request failed because an internal error occurred while adding the attributes for the entity. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1117E The entity type {0} cannot be found for adding attribute values.

Explanation: The request failed because the specified entity cannot be loaded.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1118E The attribute value is missing.

Explanation: The attribute is a required field. No value is specified for the attribute.

User response: Specify an attribute value before resubmitting the request.

CTJRP1119E The {0} cannot be added because it causes the string type attribute to exceed the maximum of 240 characters.

Explanation: The string type specified for the attributes is longer than the permissible limit. The string type must not exceed a total length of 240 characters.

Administrator response: Reduce the number of characters and resubmit the request.

CTJRP1120E The following attribute value cannot be added because it is an invalid integer: {0}.

Explanation: The specified integer value is invalid. Permissible values are within the range -2,147,483,648 to 2,147,483,647.

Administrator response: Specify a valid integer value to proceed.

CTJRP1121E The request failed because the specified encoding scheme is not supported: {0}.

Explanation: The request cannot be successfully processed because the specified encoding scheme is not supported.

Administrator response: Check IBM Electronic Support for additional information - http://www.ibm.com/support/entry/portal/ Overview/Software/Tivoli/Tivoli_Identity_Manager.

CTJRP1122E The request to commit session *sessionName* failed.

Explanation: The retrieve operation could not be completed because of and internal server error. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1123E The permission schema attributes cannot be retrieved.

Explanation: An internal error has occurred.

User response: Check IBM Electronic Support for additional information - http://www.ibm.com/ support/entry/portal/Overview/Software/Tivoli/ Tivoli_Identity_Manager.

CTJRP1124E An error occurred while updating attribute values for an entity type {0}.

Explanation: The update operation could not be completed. The database might be inaccessible or the REST server might be down.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1125E The modify request failed for one or more identity or hierarchy attribute values.

Explanation: The modify operation failed because an entity for either the identity or hierarchical node could not be found.

Administrator response: Verify the identity or hierarchy values passed to the modification request.

CTJRP1126E The attribute values to be added for the entity type {0} is null.

Explanation: The add operation failed because null attribute values were passed.

Administrator response: Correct the attribute values and resubmit the add request.

CTJRP1127E The attribute values to be updated for the entity type {0} is null.

Explanation: The modify operation failed because null attribute values were passed.

Administrator response: Correct the attribute values and resubmit the update request.

CTJRP1128E The pattern {0} name is either incorrect or is not supported.

Explanation: The pattern name that was provided is either not supported or is not the correct case.

Administrator response: Provide the correct pattern name.

CTJRP1129E The request format is not supported by the role generation server.

Explanation: The server requires a configuration of the pattern in a Map. The format that was requested was incorrect and caused an exception.

Administrator response: Pass the pattern configuration values in a Map data structure; such as key value pairs.

CTJRP1130E Role prefix name is not specified.

Explanation: The role generation process requires a role name prefix for naming the generated roles.

Administrator response: Ensure you pass the role name prefix for generating roles.

CTJRP1131E There are already roles that contain the role name prefix {0} in the project.

Explanation: The specified role name prefix matches one or more in the project. Pass a role name prefix that is unique.

Administrator response: Ensure that you pass a unique role name prefix for generating roles.

CTJRP1132E An error occurred while submitting a task for generating a role.

Explanation: The task cannot be completed because an error occurred during submission, or the task was rejected.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1133E A validation error occurred while generating the roles.

Explanation: An incorrect number of configuration parameters were passed to the pattern while generating roles. The number of configuration parameters that were passed did not match the value defined.

Administrator response: Ensure that the correct number of configuration parameters are passed to the pattern while generating roles.

CTJRP1134E The delete session operation could not be completed.

Explanation: The delete session operation could not be completed because the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1135E The operation for editing the hierarchy failed.

Explanation: You cannot edit a hierarchical attribute by selecting more than one value.

User response: Ensure that the hierarchical attribute is not selecting more than one value. Then, try the edit operation again.

CTJRP1136E The role prefix exceeds the maximum of 230 characters.

Explanation: The role name prefix specified is longer than the permissible limit. A role name prefix cannot exceed a maximum length of 230 characters.

Administrator response: Reduce the number of characters in the role prefix name field, and resubmit the request.

CTJRP1137E The operation for retrieving the project messages failed.

Explanation: The request to retrieve the project messages failed because of an internal error. For example, the database might be inaccessible.

Administrator response: Examine the log files for information about the problem.

CTJRP1138E The following project messages sort parameter is invalid: {0}.

Explanation: The sorting parameter requires the following format: sort(sortvalue). The (sortvalue) is either a plus sign (+) for ascending order or a minus sign (-) for descending order. It is followed by severity, description or timestamp. For example, to sort a table in descending order by the timestamp column, specify sort(-timestamp).

Administrator response: Ensure that the sorting parameter has a valid value, including a valid column number for the table and resubmit the request.

CTJRP1139E The following project messages severity value is invalid: {0}.

Explanation: The permissible severity options are INFO, WARNING, and ERROR.

Administrator response: Examine the log files for information about the problem.

CTJRP1140E The following project messages search parameter is invalid: {0}.

Explanation: The filter parameter for retrieving project messages must be severity , description , timestamp , or all .

User response: Correct the filter parameter, and then submit the request again.

CTJRP1141E The membership qualifier could not be retrieved.

Explanation: One or both of the required model and role parameters were not specified.

User response: Specify the required model and role parameters, and then try the operation again.

CTJRP1142E The retrieve membership qualifier operation failed.

Explanation: The membership qualifier could not be located and retried.

User response: Examine the log files for information about the problem.

CTJRP1143E Unable to connect to the server.

Explanation: The REST server is not running.

Administrator response: Start the REST server.

CTJRP1144E The filter parameter {0} is invalid.

Explanation: The filter parameter for retrieving file messages must be errorType , entityType , severity , attrSource , description or all .

User response: Correct the filter parameter and resubmit the request.

CTJRP1145E File messages can be sorted on one parameter, the request specified {0} sort parameters.

Explanation: File messages can be sorted on one of the following parameters: errorType , entityType , severity , attrSource , description , linenumber .

Administrator response: Specify one of the valid sort parameter and resubmit the request.

CTJRP1146E The following sorting parameter is not valid: {0}.

Explanation: The sorting parameter requires the following format: sort(sortvalue). The (sortvalue) is either a plus sign (+) for ascending order or a minus sign (-) for descending order. It is followed by lineNumber, errorType, description, entityType, attrSource or severity. For example, to sort a table in descending order by the errorType column, specify sort(-errorType).

User response: Ensure that the sorting parameter has a valid value, including a valid column number for the table and resubmit the request.

Administrator response: Specify one of the valid sort parameter and resubmit the request.

CTJRP1147E Session messages can be sorted on one parameter, the request specified {0} sort parameters.

Explanation: Session messages can be sorted on one of the following parameters: filename , errorType , entityType , severity , attrSource , description , linenumber .

Administrator response: Specify one of the valid sort parameter and resubmit the request.

CTJRP1148E The session messages sort parameter {0} is invalid.

Explanation: The sorting parameter requires the following format: sort(sortvalue). The (sortvalue) is either a plus sign (+) for ascending order or a minus sign (-) for descending order. It is followed by fileName, lineNumber, errorType, description, entityType, attrSource or severity. For example, to sort a table in descending order by the filename column, specify sort(-filename).

Administrator response: Ensure that the sorting parameter has a valid value, including a valid column number for the table and resubmit the request.

CTJRP1149E The filter parameter {0} is not valid.

Explanation: The filter parameter for retrieving project messages must be severity , description or all .

User response: Correct the filter parameter and resubmit the request.

CTJRP1150E The filter parameter {0} is invalid.

Explanation: The filter parameter for retrieving session messages must be fileName , errorType , description , entityType , attrSource , severity or all .

User response: Correct the filter parameter and resubmit the request.

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CTJRP1151E The operation to retrieve file messages failed.

Explanation: The request to retrieve the file messages failed because of an internal error. For example, the database might be inaccessible.

Administrator response: Examine the log files for information about the problem.

CTJRP1152E The operation to retrieve session error messages failed.

Explanation: The request to retrieve the session error messages failed because of an internal error. For example, the database might be inaccessible.

Administrator response: Examine the log files for information about the problem.

CTJRP1153E The membership qualifier cannot be found.

Explanation: The membership qualifier does not exist or might have been deleted by a previous request.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1154E The request cannot be completed.

Explanation: The membership qualifier was not provided. The membership qualifier is a required field.

User response: Provide the membership qualifier and submit the request again.

CTJRP1155E The number of membership qualifier sections exceeds the maximum of 10 sections.

Explanation: One and only one top-level membership qualifier section and 1 - 10 other membership qualifier sections are required.

User response: Specify the correct number of membership qualifier sections, and submit the request again.

CTJRP1156E The membership qualifier section cannot be found.

Explanation: The membership qualifier section was not provided. The membership qualifier section is a required field.

User response: Provide the membership qualifier section and submit the request again.

CTJRP1157E The operator for the membership qualifier section is not valid: {0}.

Explanation: Valid operators for membership qualifier sections are and and or.

User response: Specify a valid operator for the membership qualifier section, and then submit the request again.

CTJRP1158E The number of membership qualifier rules is not valid.

Explanation: No rules are allowed for the top-level membership qualifier section. For all other membership qualifier sections, a maximum of 10 rules are allowed.

User response: Specify the correct number of membership qualifier rules, and then submit the request again.

CTJRP1159E The membership qualifier rule cannot be found.

Explanation: The membership qualifier rule was not provided. The membership filter rule is a required field.

User response: Provide the membership qualifier rule, and then submit the request again.

CTJRP1160E The type of attribute for the membership qualifier rule is not valid: {0}.

Explanation: The type of attribute for the membership qualifier rule is not one of the supported types: hierarchical, identity, integer, and string.

User response: Specify a hierarchical, identity, integer, or string attribute for the membership qualifier rule, and then submit the request again.

CTJRP1161E The operator for the membership qualifier rule is not valid: {0}.

Explanation: The operator for the membership qualifier rule is not valid for the type of attribute. For hierarchical attributes, valid operators are containedIn, equals, notContainedIn, and notEquals. For identity attributes, valid operators are equals and notEquals. For integer attributes, valid operators are equals, greaterThan, greaterThanOrEqual, lessThan, lessThanOrEqual, and notEquals. For string attributes, valid operators are contains, endsWith, equals, notEquals, and startsWith.

User response: Specify a valid operator for the membership qualifier rule, and then submit the request again.

CTJRP1162E The value of the membership qualifier rule cannot be found.

Explanation: The value of the membership qualifier rule was not provided. The value of the membership qualifier rule is required.

User response: Provide the value of the membership qualifier rule, and then submit the request again.

CTJRP1163E The value of the membership qualifier rule is not valid.

Explanation: Missing or extraneous information was specified for the membership qualifier rule value. For hierarchical and identity values, the uri must be specified. For integer and string values, the value must be specified.

User response: Specify the correct information for the value of the membership qualifier rule, and then submit the request again.

CTJRP1164E The membership qualifier could not be saved.

Explanation: A data integrity violation error occurred while attempting to save the membership qualifier.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1165E The membership qualifier could not be saved.

Explanation: An internal error occurred while attempting to save the membership qualifier.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1166E The membership qualifier could not be saved.

Explanation: An invalid event occurred while attempting to save the membership qualifier.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1167E The membership qualifier could not be saved.

Explanation: The membership qualifier could not be saved because The model or role to which the membership qualifier is associated cannot be found. One of the attributes or attribute values, such as a hierarchical node or user, cannot be found. One of the items might have been deleted by a previous request.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1168E The membership qualifier could not be saved.

Explanation: A validation error occurred. The membership qualifier is not valid. For example, an operator or attribute value might not be valid.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1169E The evaluate parameter {0} is not valid.

Explanation: The evaluate parameter must be true or false.

User response: Correct the evaluate parameter and then submit the request again.

CTJRP1170E The membership qualifier could not be evaluated.

Explanation: An error occurred. The membership qualifier could not be evaluated.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1171E The membership qualifier could not be evaluated.

Explanation: An internal error occurred while attempting to evaluate the membership qualifier. The membership qualifier could not be evaluated.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1172E The attempt to create a new membership qualifier for a role failed.

Explanation: The role already has a membership qualifier.

User response: Modify the existing membership qualifier for the role. Delete the membership qualifier for the role, and then create the new qualifier.

CTJRP1173E The following session status is invalid: {0}.

Explanation: Specify a valid session status session. The valid values supported for commit and validate are committing and validating respectively.

User response: Specify the correct session status and try the operation again.

CTJRP1174E The session status cannot be null or empty.

Explanation: Specify a valid session status session. The valid values supported for commit and validate are committing and validating respectively.

User response: Specify the correct session status and try the operation again.

CTJRP1175E The session validation operation failed.

Explanation: The task cannot be completed because an error occurred during submission, or the task was rejected.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1178E The levels of membership qualifier child sections are not valid.

Explanation: Only two levels of membership qualifier sections can be specified. More than two levels were specified.

User response: Specify only two levels of membership qualifier sections and submit the request again.

CTJRP1179E The following session message search parameter is invalid: {0}.

Explanation: The filter parameter for retrieving session messages must be severity , description , or all .

User response: Correct the filter parameter and resubmit the request.

CTJRP1180E The operation to retrieve session messages failed.

Explanation: The request to retrieve the session messages failed because of an internal error. For example, the database might be inaccessible.

Administrator response: Examine the log files for information about the problem.

CTJRP1181E Algorithm name is not specified.

Explanation: The process requires the algorithm name for generating roles.

Administrator response: Ensure that you pass the valid algorithm name for generating roles.

CTJRP1182E The analyze role generation task failed.

Explanation: The task cannot be completed because an error occurred during submission, or the task was rejected.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1183E A validation error occurred while analyzing the role generation pattern.

Explanation: An incorrect number of configuration parameters were passed to the pattern. The number of configuration parameters that were passed did not match the value defined.

Administrator response: Ensure that the correct number of configuration parameters are passed to the pattern while generating roles.

CTJRP1184E The sort operation is requested on {0} attributes.

Explanation: Only one sort attribute is currently supported.

Administrator response: Specify one sort attribute in the request and try the operation again.

CTJRP1185E The undo items cannot be retrieved.

Explanation: An internal error has occurred.

User response: Examine the log files for information about the problem.

CTJRP1186E The membership qualifier cannot be deleted.

Explanation: A data integrity violation error occurred while attempting to delete the membership qualifier.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1187E The membership qualifier cannot be deleted.

Explanation: An internal error occurred while attempting to delete the membership qualifier.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1188E The membership qualifier cannot be deleted.

Explanation: An invalid event occurred while attempting to delete the membership qualifier.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1189E The sorting parameter {0} is invalid.

Explanation: The sorting parameter requires the following format: sort(sortvalue) . (sortvalue) specifies + for ascending or - for descending and is followed by the column name on which you want to sort the table. For example, to sort a table in descending order by the column description, specify sort(-description) .

User response: Ensure that the sorting parameter specifies a valid value, including a valid column number for the table, and resubmit the request.

CTJRP1190E Either the role is missing, or the model for the role does not match the model specified in the request.

Explanation: An incorrect role or model was specified. Correct the role or model name, and then submit the request again.

Administrator response: Verify whether the specified role and model exist. Confirm that the role exists in the specified model. Submit the request with a valid role and model.

CTJRP1191E The system cannot fetch the user permission analysis information for role with ID {0}.

Explanation: The request to retrieve the user permission analysis information failed because of an internal error. For example, the database might be inaccessible.

User response: View the log files for additional information about the problem.

CTJRP1193E The following querySet parameter is invalid: {0}.

Explanation: The permissible values for the querySet parameter are roleMembers and potentialRoleMembers. The value passed in the URI query does not match permissible values.

User response: Specify a valid querySet parameter, and then submit the request again.

CTJRP1194E The operation to validate a session *sessionName* **in state** *state* **is invalid.**

Explanation: The request failed because a session that is in the validated or committed state cannot be validated again.

Administrator response: Do not attempt to validate a session that is in the validated or committed state.

CTJRP1195E The operation to commit a session *sessionName* **in state** *state* **is invalid.**

Explanation: The request failed because a session that is in the committed state cannot be committed again.

Administrator response: Do not commit a session that is already in the committed state.

CTJRP1196E The query parameter roleUri is not specified in the request.

Explanation: The roleUri query parameter is required for identifying the role for which the analysis data is to be fetched.

Administrator response: Specify the roleUri query parameter and submit the request.

CTJRP1197E The Undo operation failed.

Explanation: An internal server error occurred while accessing data during the Undo operation.

Administrator response: View the log files for additional information about the DataAccessException.

CTJRP1198E The specified Undo action was not found in the system.

Explanation: The specified Undo action is missing.

Administrator response: Ensure that the Undo action specified is correct.

CTJRP1199E The specified Undo action entry *failedEntry* **cannot be reversed.**

Explanation: The specified Undo action entry cannot be reversed.

Administrator response: An error occured while performing the Undo and hence the entry could not be reversed.

CTJRP1200E The file cannot be created with session name *sessionName* **because the session is in** *state* **state.**

Explanation: The request failed because adding a file to a session in the specified state is not allowed.

Administrator response: Ensure that a file is not added to a session in the specified state.

CTJRP1202E The following entity type is invalid : {0}.

Explanation: The supported entity type for removing the attributes is roles.

Administrator response: Specify the correct entity type and try the operation again.

CTJRP1203E The operation to delete the attribute is invalid.

Explanation: The operation is not supported on the project.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1204E The attributes values cannot be retrieved.

Explanation: The request failed because an internal error occurred while retrieving the attributes values for a role. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRP1205E The specified action cannot be performed at present.

Explanation: The role state or the session state does not allow the attempted action.

Administrator response: Wait for the ongoing action to complete, refresh and retry the action.

CTJRP1206E The specified action cannot be performed because delete undo threshold exceeded.

Explanation: Number of delete requests exceeded the undo threshold for role delete.

Administrator response: Decrease the number of batch request for delete, or add an override flag as a parameter.

CTJRP1208E The system cannot fetch the permission analysis information for role with ID {0}.

Explanation: The request to retrieve the permission analysis information failed because of an internal error. For example, the database might be inaccessible.

User response: View the log files for additional information about the problem.

CTJRP1209E The filter parameter is invalid: {0}.

Explanation: Valid parameters for filtering role permission analysis must meet one of the following conditions: 1. A value is specified for either the name or the inheritedFromRoles parameter. 2. The same value is specified for both of the name and inheritedFromRoles parameters. The filter parameter is invalid if you specify different values for both parameters.

User response: Correct the filter parameter before resubmitting the request.

CTJRP1210E The filter parameter is invalid: {0}.

Explanation: Valid parameters for filtering role permission analysis must meet one of the following conditions: 1. A value is specified for either the name or the inheritedFromRoles parameter. 2. The same value is specified for both of the name and inheritedFromRoles parameters. The filter parameter is invalid if you specify different values for both parameters.

User response: Correct the filter parameter before resubmitting the request.

CTJRP2000E The request format for the server operation is invalid.

Explanation: An improper URL was constructed, and prevented the request. This error might be caused by an internal error or an improper invocation from a custom client.

Administrator response: Check IBM Electronic Support for additional information - http://www.ibm.com/support/entry/portal/ Overview/Software/Tivoli/Tivoli_Identity_Manager.

CTJRP2001E The system cannot find one of the specified values. It might have been deleted.

Explanation: An attempt was made to look up information for an identity attribute value or set of values. At least one of the specified values was not found. The identity attribute value might have been deleted by a previous request.

User response: Refresh the data on screen, and retry the operation. If the problem continues, contact the system administrator.

Administrator response: The error might resolve after the operator has reloaded the data and retried the task. If reloading the page, starting a new login session, or restarting the system does not work, there might be some data corruption issues. Check IBM Electronic Support for additional information - http://www.ibm.com/support/entry/portal/ Overview/Software/Tivoli/Tivoli_Identity_Manager.

CTJRP2002E The system cannot find the specified attribute. It might have been deleted.

Explanation: An attempt was made to look up information for an identity attribute, and that attribute was not found. The attribute might have been deleted by a previous request.

User response: Reload the page where you selected the attribute. Pick an attribute from the refreshed list. If the problem continues, contact the system administrator.

Administrator response: The error might resolve after the operator has reloaded the data and retried the task. If reloading the page, starting a new login session, or restarting the system does not work, there might be some data corruption issues. Check IBM Electronic Support for additional information - http://www.ibm.com/support/entry/portal/ Overview/Software/Tivoli/Tivoli_Identity_Manager.

CTJRP2003E The schema definition for attribute name {0} specified in CSV file at LineNo: {1} must be an integer.

Explanation: The value specified for the attribute name does not match the schema of the attribute in the repository.

User response: Change the attribute value at the specified line number to one specified in the schema.

CTJRP2004E Mandatory attribute {0} is missing in CSV file at line {1}.

Explanation: A mandatory attribute as specified in the message is missing in the CSV file at the specified line number.

User response: Refer to Reference Guide, and change the CSV file for mandatory CSV columns.

CTJRP2005E The attribute name {0} already exists at line {1} in the CSV file.

Explanation: Do not use duplicate attributes in the CSV file.

User response: Remove the duplicate attribute name from the CSV file. You might need to replace it with a different attribute name.

Administrator response:

CTJRP2006E The schema definition for attribute name {0} cannot be found at line {1} in the CSV file.

Explanation: The schema definition was not found for the specified attribute name. It might have been deleted by a previous request, or not imported.

User response: Import the schema definition for the specified attribute name.

CTJRP2009E The schema definition for attribute name {0} at line {1} in the CSV file was not found.

Explanation: The specified attribute name is not present in the schema.

User response: Correct the attribute name in the CSV file.

CTJRP2010E The value for attribute name {0} at line {1} in the CSV file is not supported.

Explanation: The value specified for the attribute is not supported for the attribute.

User response: Correct the attribute value in the CSV file.

CTJRP2011E The schema definition for the attribute name {0} specified at line {1} was not found.

Explanation: The schema definition for specified attribute name was not found in database. Either the attribute name was deleted by a previous request, or it was not imported.

User response: Import the schema definition for the specified attribute name.

CTJRP2012E Invalid message type.

Explanation: The message type must be Error, Warning or Information.

User response: Change the message type and try again.

CTJRP2013E Invalid number of arguments for the message.

Explanation: The number of arguments in the message string is incorrect. The number must be zero to four.

User response: Change the number of arguments and try the operation again.

CTJRP2014E The server cannot process the File Import request.

Explanation: An internal error occurred. For example, the file format might not be supported.

User response: The supported file format is CSV. Examine the logs for more details.

CTJRP2015E The identity attribute source name at line {0} in the CSV file was not found. All records under section name {1} were ignored.

Explanation: An error occurred because the identity attribute source name was not found.

User response: Correct the identity attribute source name in the CSV file.

CTJRP2016E The project name is missing. Enter a project name.

Explanation: The project name field is empty.

User response: Enter a name for the project.

CTJRP2017E The project name already exists. Type another name for the project.

Explanation: The name entered for the project already exists.

User response: Type another name for the project.

CTJRP2018E Unable to retrieve projects from database.

Explanation: The database is not available. The database might not be running.

User response: Contact your system administrator for further assistance.

CTJRP2019E The identity display name was not found in the database schema.

Explanation: The identity display name does not exist in the database schema. Either it was not imported, or it might have been deleted by a previous request.

User response: Import the CSV file that contains the identity attribute schema.

CTJRP2020E The attribute source was not found for the attribute name {0} at line {1} in the CSV file.

Explanation: The imported attribute schema does not have attribute source for the specified attribute name. Either it was not imported, or it might have been deleted by a previoius request.

User response: Import the correct CSV file that contains the identity attribute schema.

CTJRP2021E The attribute source {0} for the attribute {1} at line {2} in the CSV file does not match the attribute source in the database.

Explanation: The specified attribute source might not have been imported, or it might have been deleted by a previous request.

User response: Import the CSV file that contains the correct attribute source ID.

CTJRP2024E The import operation failed for the source {0} at line {1} in the CSV file.

Explanation: A critical database error occurred.

User response: Examine the product logs for information about the underlying problem.

CTJRP2025E The delete operation failed for the source {0} at line {1} in the CSV file.

Explanation: No attribute values were found for the specified source.

User response: Examine the product logs for information about the underlying problem.

CTJRP2026E The system cannot import a CSV file.

Explanation: A critical error occurred during the import operation. Data cannot be imported from the CSV file.

User response: Examine the product logs for information about the underlying problem.

CTJRP2028E The value for the attribute name {0} was not found at line {1} in the CSV file.

Explanation: No value was specified for the identity URI display name in the CSV file.

User response: Specify a value for the identity URI display name at the specified line number in the CSV file.

CTJRP2029E The value for the attribute name {0} at line {1} in the CSV file is not supported.

Explanation: The value for the specified attribute in the CSV file is not supported. The value must conform to the type of attribute.

User response: Specify a correct value for the attribute name at the specified line number in the CSV file.

CTJRP2032E The value for the attribute name {0} at line {1} in the CSV file was not found.

Explanation: No value was specified for the permission URI display name in the CSV file.

User response: Specify a value for the permission URI display name.

CTJRP2033E The permission assignment type is invalid for the attribute name {0} at line {1} in the CSV file.

Explanation: The permission assignment type attribute name must be one of the following: GROUP, SYSTEM, or DIRECT.

User response: Specify a correct value for the permission assignment type.

CTJRP2034W   The identity {0} permission {1} assignment was duplicated at line number: {2} in the CSV file.

Explanation: The specified permission assignment already exists in the database.

User response: Enter a different permission assignment.

CTJRP2038E The delete operation failed for the permission {0} at line {1} in the CSV file.

Explanation: No attribute values were found for the specified permission.

User response: Examine the product logs for information about the underlying problem.

CTJRP2039E The delete operation failed for the identity attribute {0} from the source {1} at line {2} in the CSV file.

Explanation: No attribute values were found for the specified identity.

User response: Examine the product logs for information about the underlying problem.

CTJRP2041E The Import process failed for permission {0} from source {1} at line {2} in CSV file.

Explanation: A critical database error occurred. The permission attribute cannot be imported.

User response: Examine the product logs for information about the underlying problem.

CTJRP2042E The Import process failed for identity {0} from source {1} at line {2} in the CSV file.

Explanation: A critical database error occurred.

User response: Examine the product logs for information about the underlying problem.

CTJRP2043E The schema definition for entity {0} at line {1} is incorrect in the CSV file.

Explanation: An error occurred because the specified entity schema does not match the one in the database.

User response: Import the correct schema definition for the specified attribute name.

CTJRP2044E An error occurred while logging an error message for entity {0} at line {1} in the CSV file.

Explanation: An error occurred while writing a message to the error message table for an entity that has an incorrect schema.

User response: Examine the product logs for information about the underlying problem.

CTJRP2045E The schema definition for a permission attribute was not found in the database.

Explanation: An error occurred because the schema definition was not found for permission attribute.

User response: Import the correct schema definition for the permission attributes.

CTJRP2046E The schema definition for an identity attribute was not found in the database.

Explanation: An error occurred because the identity attribute schema definition was not in the database.

User response: Import the correct schema definition for the specified attribute name.

CTJRP2047E The minimum number of attributes {2} for attribute name {0} are not found at line {1} in the CSV file.

Explanation: An error occurred because the required number of attributes in CSV file is incorrect. The number of attributes passed in CSV file must be equal to or greater than the minimum required number.

User response: Specify the minimum required number of attributes and resubmit the request.

CTJRP2049E The delete operation failed for role {0} at line {1} in the CSV file.

Explanation: An error occurred because no attribute values were found for specified role.

User response: Examine the product logs for information about the underlying problem.

CTJRP2050E The import process failed for role {0} at line {1} in the CSV file.

Explanation: A critical database error occurred.

User response: Examine the product logs for information about the underlying problem.

CTJRP2051E The Import process failed for separation of duty constraint {0} at line {1} in the CSV file.

Explanation: A critical database error occurred.

User response: Examine the product logs for information about the underlying problem.

CTJRP2052W   The delete operation failed for separation of duty constraint {0} at line {1} in the CSV file.

Explanation: No attribute values were found for the specified separation of duty constraint.

User response: Examine the product logs for

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information about the underlying problem.

CTJRP2054E   The schema definition for role attributes was not found in the database.

Explanation: An error occurred because the schema definition was not found for role attribute.

User response: Import the correct schema definition for the role attribute.

CTJRP2055E   The value specified for attribute name {0} at line {1} in the CSV is incorrect.

Explanation: The specified value must be one fewer than the total number of roles.

User response: Specify cardinality one more than the number of roles.

CTJRP2056E   The schema definition for separation of duty constraint attributes was not found in the database.

Explanation: The schema definition for the separation of duty constraint attribute does not exist in the database.

User response: Import the correct schema definition for the separation of duty constraint attribute.

CTJRP2057W   The identity {0} role {1} assignment at line {2} in the CSV file already exists in database.

Explanation: An error occurred because a duplicate identity role assignment was found in the database.

User response: Specify a unique identity role assignment value and resubmit the request.

CTJRP2058E   The identity role assignment failed for entity {0} at line number: {1} in the CSV file.

Explanation: A critical database error.

User response: Examine the product logs for information about the underlying problem.

CTJRP2059E   The delete operation failed for identity {0} during identity role assignment at line {1} in the CSV file.

Explanation: No role assignments were found for the specified identity.

User response: Examine the product logs for information about the underlying problem.

CTJRP2060E   The request failed. The separation of duty constraint description was not specified.

Explanation: The description for the separation of duty constraint description is a required field.

User response: Specify a separation of duty constraint description, and resubmit the request.

CTJRP2061E   The separation of duty constraint has insufficient number of roles.

Explanation: A separation of duty constraint must have at the least two roles.

User response: Specify at the least two roles for the separation of duty constraint and resubmit the request.

CTJRP2063W   The source {0} at line {1} in the CSV file already exists in the database.

Explanation: An error occurred because a duplicate source was found in the database.

User response: Specify a unique source value and resubmit the request.

CTJRP2064W   The hierarchical attribute {0} at line {1} in the CSV file already exists in the database.

Explanation: An error occurred because a duplicate hierarchical attribute was found in the database.

User response: Specify a unique hierarchical entity and resubmit the request.

CTJRP2065E   The delete operation failed for the hierarchical attribute {0} at line {1} in the CSV file.

Explanation: No hierarchical attribute information was found.

User response: Examine the product logs for information about the underlying problem.

CTJRP2066E   The import process failed for hierarchical attribute {0} at line {1} in the CSV file.

Explanation: A critical database error occurred.

User response: Examine the product logs for information about the underlying problem.

CTJRP2067E   The section name {0} at line {1} in the CSV file is not supported for {2} session type.

Explanation: The specified section name is not supported.

User response: Correct the section name in the CSV file and resubmit the request.

CTJRP2068W   The attribute {0} present at line {1} in the CSV file already exists in the database.

Explanation: An error occurred because a duplicate attribute definition was found in the database.

User response: Specify a unique attribute definition and resubmit the request.

CTJRP2069E   The delete operation failed for attribute {0} at line {1} in the CSV file because it was not found in the staging database. file.

Explanation: An attempt to delete the existing attribute definition failed because it was not found in the staging database.

User response: Check IBM Electronic Support for additional information - http://www.ibm.com/support/entry/portal/Overview/Software/Tivoli/Tivoli_Identity_Manager.

CTJRP2070E   The import operation failed for the attribute {0} at line {1} in the CSV file.

Explanation: A critical database error occurred.

User response: Examine the product logs for information about the underlying problem.

CTJRP2071E   The schema definition for hierarchical attributes {0} in the CSV file at line {1} was not found in the Identity and Entitlement database. The hierarchical attribute section of the CSV file will not be imported.

Explanation: An error occurred because the schema definition was not found for hierarchical attribute.

User response: Import the schema definition for the hierarchical attribute. Then import the CSV file again.

CTJRP2072E   The Role attribute source name at line {0} in the CSV file was not found. All records under section name {1} were ignored.

Explanation: The Role entity attribute source name is required in the CSV file.

User response: Specify the attribute source name in the role section of the CSV file.

CTJRP2073E   The separation of duty constraint attribute source name at line number {0} in the CSV file was not found. All records under section name {1} were ignored.

Explanation: The separation of duty constraint attribute source name is required in the CSV file.

User response: Specify the attribute source name in the CSV file in the separation of duty constraint section.

CTJRP2074E   The Permission attribute source name at line number {0} in the CSV file was not found. All records under section name {1} were ignored.

Explanation: The permission entity attribute source name is required in the CSV file.

User response: Specify the attribute source name in the CSV file in the permission section.

CTJRP2075E   The value {0} specified in USAGE column is not supported for Entity type {1} at line {2} in CSV file.

Explanation: The value specified in USAGE column is not supported for the entity type.

User response: Correct the Usage specified in the CSV file for specified entity.

CTJRP2076E   The session name is missing.

Explanation: The session name is required for creating a session.

User response: Enter a session name which is less than 240 characters in length.

CTJRP2077E   The session name exceeds the maximum limit of 240 characters.

Explanation: Session names must be less than 240 characters.

User response: Enter a session name that is less than 240 characters.

CTJRP2079E   The file name exceeds 240 characters.

Explanation: File name must be less than 240 characters.

User response: Enter a file name that is less than 240 characters.

CTJRP2080W The role {0} permission {1} assignment was duplicated at line number: {2} in the CSV file.

Explanation: The specified role permission assignment already exists in the database.

User response: Specify a unique role permission assignment value and resubmit the request.

CTJRP2081E The system cannot update the file with ID {0}.

Explanation: An internal error occurred.

Administrator response: Examine the log files for information about the problem.

CTJRP2082E The file is not the required type. Select a valid type.

Explanation: The file is not required type.

User response: Select a valid type.

CTJRP2084E The Identity Role source name at line {0} in the CSV file was not found. All records under section name {1} were ignored.

Explanation: The Identity Role source name was not found.

User response: Correct the Identity Role source name in the CSV file.

CTJRP2085E The Identity Permission source name at line {0} in the CSV file was not found. All records under section name {1} were ignored.

Explanation: The Identity Permission source name was not found.

User response: Correct the Identity Permission source name in the CSV file.

CTJRP2086E The Role Permission source name at line {0} in the CSV file was not found. All records under section name {1} were ignored.

Explanation: The Role Permission source name was not found.

User response: Correct the Role Permission source name in the CSV file.

CTJRP2087E An attribute usage was duplicated for attribute {0} at line number: {1} in the CSV file.

Explanation: The duplicate usage already exists for another attribute.

User response: Enter a different attribute usage.

CTJRP2088E Additional display usage {0} was found for the given attribute at line number {1} in the CSV file.

Explanation: A given attribute can have only one display usage for a given entity type (Identity, Permission)

User response: Enter a single attribute usage.

CTJRP2089E The Hierarchical attribute name at line {0} in the CSV file was not found. All records under section name {1} were ignored.

Explanation: The Hierarchical attribute name was not found

User response: Correct the Hierarchical attribute name in the CSV file.

CTJRP2090E The attribute value {0} already exists for attribute {1} at line {2} in the CSV file.

Explanation: The CSV file cannot have duplicate attribute values.

User response: Remove the duplicate attribute value from the CSV file. You might need to replace it with a different attribute value.

Administrator response:

CTJRP2091E Unable to connect server.

Explanation: The server or the network might be down.

User response: Check the product logs for the underlying problem and resubmit the request.

CTJRP2092E Unable to connect database.

Explanation: The database or the network might be down.

User response: Check the product logs for the underlying problem and resubmit the request.

CTJRP2093E The source unique identifier {0} at line {1} in the CSV file is not found in the source definition. All records under section name {2} were ignored.

Explanation: The source definition was not found for

the specified source uri. It might have been deleted by a previous request, or not imported.

User response: Correct the source unique identifier in the CSV file.

CTJRP2094E The source definition was not found in the database.

Explanation: The source definition does not exist in the database.

User response: Import the source definition.

CTJRP2095E The system cannot find the {0} attribute value at line number {1}. It might have been deleted.

Explanation: An attempt was made to look up information for attribute value or set of values. At least one of the specified values was not found. The attribute value might have been deleted by a previous request.

User response: Refresh the data on screen, and retry the operation. If the problem continues, contact the system administrator.

Administrator response: The error might resolve after the operator has reloaded the data and retried the task. If reloading the page, starting a new login session, or restarting the system does not work, there might be some data corruption issues. Check IBM Electronic Support for additional information - http://www.ibm.com/support/entry/portal/ Overview/Software/Tivoli/Tivoli_Identity_Manager.

CTJRP2096E The attribute {0} at line {1} in the CSV file is reserved and cannot be imported.

Explanation: Schemas with reserved attributes cannot be imported.

User response: Correct the schema definition by removing the reserved attributes and import it again.

CTJRP2097E The identity entity {0} present at line {2} has a source record unique identifier which already exists for another Identity for source {1}.

Explanation: A duplicate source record unique identifier was found for the specified source in the database

User response: Specify a unique identity and source record unique identifier combination and resubmit the request.

CTJRP2098E No data for identity {0} was committed. The identity might be missing a mandatory attribute, or none of the identity's attached attribute values could be committed.

Explanation: The system cannot commit any data for the identity. The identity might be missing a mandatory attribute, or none of its attached attribute values could be committed.

User response: Ensure that the identity has all mandatory attributes. Ensure that at least one of the identity's attribute values is successfully committed.

CTJRP2099E Identity {0} associated with Identity {1} for attribute {2} was not committed as it does not exist in current session being committed nor in the Identity and Entitlement database.

Explanation: The system cannot commit an identity type attribute value for the identity.

User response: Ensure that the referenced identity exists or, if it is being imported, ensure that it contains all of the mandatory attributes and has at least one committed custom attribute.

CTJRP2100E The hierarchical node {1} referred in role {0} for an attribute {2} was not committed.

Explanation: The hierarchical attribute value for the role does not exist in the Identity and Entitlement database nor in import session.

User response: Ensure that the referred hierarchical node exists in the Identity and Entitlement database or in import session and it is under the correct tree structure.

CTJRP2102E The identity schema cannot be retrieved.

Explanation: An internal error occurred while retrieving the identity schema. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRP2103W   The {0} entity update is completed successfully for {1} coming from source {2} at line {3} in the CSV file.

Explanation: The attribute was updated as duplicate record found in the CSV file.

User response: No action is required.

CTJRP2104E The role schema attributes cannot be retrieved.

Explanation: An internal error occurred while retrieving the role schema attributes. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRP2105E The parent node for hierarchical node {0} under {1} is incorrect.

Explanation: The parent node for the specified hierarchical node is not found in database or under different hierarchical attribute.

User response: Ensure that parent node specified is valid and has same hierarchical attribute as that of hierarchical node.

CTJRP2106E The roles cannot be retrieved.

Explanation: An internal error occurred.

User response: Examine the log files for information about the problem. Check IBM Electronic Support for additional information - http://www.ibm.com/ support/entry/portal/Overview/Software/Tivoli/ Tivoli_Identity_Manager.

CTJRP2108E Hierarchical node {0} is added under {1} without its parent information.

Explanation: The parent hierarchical nodes could not be added because one of the nodes in the hierarchy leads to a circular relationship.

User response: Ensure that the none of the parents of the given node that was imported using a CSV file has circular relationship.

CTJRP2109E The project description exceeds 1024 characters.

Explanation: The project description must be less than 1024 characters.

User response: Enter a project description that is less than 1024 characters.

CTJRP2114E Entity or event is null or an invalid type.

Explanation: The specified entity or action is null or not a required type.

User response: Check that the specified entity or action is not null and contains a valid type.

CTJRP2115E Unknown state management error.

Explanation: Internal error occurred while the system was attempting to decide if the action is allowed.

User response: Check that the specified entity or action is not null and contains a valid type.

CTJRP2130E The role attributes cannot be retrieved.

Explanation: An internal error occurred while retrieving the attributes for the role. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRP2131E The attributes of separation of duty constraints cannot be retrieved.

Explanation: An internal error occurred while retrieving the attributes for the role. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRP2132E The entity type {0} is not supported.

Explanation: The supported entity types are roles and sodconstraints.

Administrator response: Specify the supported entity types.

CTJRP2133E The role schema attribute values cannot be retrieved.

Explanation: An internal error has occurred.

User response: Check IBM Electronic Support for additional information - http://www.ibm.com/ support/entry/portal/Overview/Software/Tivoli/ Tivoli_Identity_Manager.

CTJRP2134E The role schema attribute values count cannot be retrieved.

Explanation: An internal error has occurred.

User response: Check IBM Electronic Support for additional information - http://www.ibm.com/ support/entry/portal/Overview/Software/Tivoli/ Tivoli_Identity_Manager.

CTJRP2135E No data for separation of duty constraint entity {0} was committed.

Explanation: A separation of duty constraint with the same URI already exists in the system.

User response: Ensure that no other separation of duty constraint with the same URI exists for any of the existing sources in the system.

CTJRP2136E The parent child relationship reference between role {0} and role [1] from source {2} could not be committed because the resulting hierarchy exceeded the allowed limit on the number of levels in an hierarchy.

Explanation: A hierarchy cannot have more than 50 levels. This parent child relationship if committed would have caused its hierarchy to have more than 50 levels. This relationship was not committed. If this relationship was in the middle of a long hierarchy chain, the result would now be two separate hierarchies.

User response: If this relationship has to be committed, delete some other parent-child reference in the hierarchy to make it less than 50 levels and import it again.

CTJRP2137E The duplicate hierarchy node {0} under {1} cannot be committed.

Explanation: The node update operation failed. A duplicate hierarchical node name was found in the Identity and Entitlement database. Node names must be unique.

User response: To update the hierarchical node, first delete the existing node from the Identity and Entitlement database. Then insert the node again.

CTJRP2138E The system cannot commit the separation of duty constraint {0} references a role {1} for attribute {2}.

Explanation: The role type referenced does not exist or is not valid.

User response: Ensure that the referenced role exists and that, if it is being imported in the same session, it is successfully committed.

CTJRP2139E Role {0} coming from source {2} refers to role {1} as its parent. This relationship cannot be committed because it causes a circular relationship in the resulting role hierarchy.

Explanation: With 'RoleA' as a parent of 'RoleB', a circular relationship is formed if the parent role (RoleA) is also a direct or indirect child of RoleB in the resulting hierarchy. A circular relationship can also occur if both of the roles in the relationship are identical.

User response: This parent-child relationship was not committed. Ensure that both of the roles in the relationship are not identical. Remove from the resulting hierarchy any other parent-child relationships that might create a cycle in the hierarchy. After making these changes, perform the import operation again.

CTJRP2140E No data was committed for role {0} from source {1}.

Explanation: The system was unable to commit any data for the role because a role with the same unique identifier already exists in the Identity and Entitlement database.

User response: Ensure that no other role with the same unique identifier exists from any other existing sources in the Identity and Entitlement database.

CTJRP2141E The role {1} referred in role {0} for an attribute {2} was not committed.

Explanation: The referred parent role does not exist in the Identity and Entitlement database nor in import session.

User response: Ensure that the referred parent role exists in the Identity and Entitlement database. If it is being imported, it must be successfully committed.

CTJRP2142E Seperation of duty constraint {0} refers a hierarchical attribute value {1} for attribute {2} that does not exist or is not valid.

Explanation: The system cannot commit a hierarchical type attribute value for the seperation of duty constraint.

User response: Ensure that the referenced hierarchical node exists, and that it is being imported under the correct tree structure.

CTJRP2143W   Hierarchical attribute value {1} associated with Identity {0} for attribute {2} was not committed as it does not exist in current session being committed nor in the Identity and Entitlement database.

Explanation: The system cannot commit a hierarchical type attribute value for the identity.

User response: Ensure that the referred hierarchical node exists and that it is being imported under the correct tree structure.

CTJRP2144E The identity {1} referred in role {0} for an attribute {2} was not committed.

Explanation: The identity attribute value for the role does not exist in the Identity and Entitlement database nor in import session.

User response: Ensure that the referenced identity exists in the Identity and Entitlement database. If the referenced identity is being imported for the first time, it must contain all the mandatory attributes and have at least one committed custom attribute.

CTJRP2145E The seperation of duty constraint {0} refers another identity {1} for attribute {2} that does not exist or is not valid.

Explanation: The system cannot commit an identity type attribute value for the seperation of duty constraint.

User response: Ensure that the referred identity exists. If it is being imported for that first time, it must contain all the mandatory attributes and has at least one committed custom attribute.

CTJRP2146E No data was committed for permission {0} because it might be missing a mandatory attribute or none of its attribute values were committed, or a permission with the same unique identifier exists in the Identity and Entitlement database.

Explanation: The permission was not committed in the import session.

User response: Ensure that the permission has all mandatory attributes, at least one of its attribute values is successfully committed, and that the permission unique identifier does not already exist in the Identity and Entitlement database.

CTJRP2147E The permission {0} refers an identity {1} for attribute {2} that does not exist in the Identity and Entitlement database nor in the import feed. The identity attribute value for the permission could not be committed.

Explanation: The identity attribute value for the permission could not be committed.

User response: Ensure that the referred identity exists in the Identity and Entitlement database or in the import session. If it is being imported for the first time, it must contain all the mandatory attributes, and must have at least one committed custom attribute.

CTJRP2148E The permission {0} refers a hierarchical attribute value {1} for attribute {2} that does not exist in the Identity and Entitlement database nor in import session. The hierarchical attribute value for the permission could not be committed.

Explanation: The hierarchical attribute value for the permission could not be committed.

User response: Ensure that the referred hierarchical node exists in the Identity and Entitlement database or in import feed, and it is under the correct tree structure.

CTJRP2150E The identity {0} and permission {1} assignment from source {2} was not committed because this assignment already exists in the Identity and Entitlement database from another source.

Explanation: Updating the source for the identity permission assignment existing in the Identity and Entitlement database is not allowed.

User response: Ensure that the identity permission assignment and the source being imported have the correct values.

CTJRP2151E The identity {0} and permission {1} assignment from source {2} was not committed because the referred identity was missing in the Identity and Entitlement database.

Explanation: The identity permission assignment being imported referred an identity that does not exist in the Identity and Entitlement database.

User response: Ensure that the identity permission assignment being imported refers an identity that exists in the Identity and Entitlement database.

CTJRP2152E The identity {0} and permission {1} assignment from source {2} was not committed.

Explanation: The identity permission assignment being imported referred a permission that does not exist in the Identity and Entitlement database.

User response: Ensure that the identity permission assignment being imported refers a permission that exists in the Identity and Entitlement database.

CTJRP2156W Are you sure you want to commit all the data imported within *sessionName*?

Explanation: A confirmation message is displayed for committing the import session.

User response: Confirm the import session.

CTJRP2158E The identity {0} and role {1} assignment from source {2} was not committed because this assignment already exists in the Identity and Entitlement database from another source.

Explanation: Updating the source for the identity role assignment existing in the Identity and Entitlement database is not allowed.

User response: Ensure that the identity role assignment and the source being imported have the correct values.

CTJRP2160E The identity {0} and role {1} assignment from source {2} was not committed.

Explanation: The identity role assignment being imported referred a role that does not exist in the Identity and Entitlement database.

User response: Ensure that the identity role assignment being imported refers a role that exists in the Identity and Entitlement database.

CTJRP2161E The identity {0} and role {1} assignment from source {2} was not committed because the referred identity was missing in the Identity and Entitlement database.

Explanation: The identity role assignment being imported referred an identity that does not exist in the Identity and Entitlement database.

User response: Ensure that the identity role assignment being imported refers an identity that exists in the Identity and Entitlement database.

CTJRP2162W   No attributes are associated with this role.

Explanation: A role must have defined attributes.

User response: Define extended attributes for the role, and then try the operation again. For more information about importing attributes, see the Role and Policy Modeler information center.

CTJRP2163E The role {0} and permission {1} assignment from source {2} was not committed.

Explanation: The role permission assignment being imported referred a role that does not exist in the Identity and Entitlement database.

User response: Ensure that the role permission assignment being imported refers a role that exists in the Identity and Entitlement database.

CTJRP2164E The role {0} and permission {1} assignment from source {2} was not committed.

Explanation: The role permission assignment being imported referred a permission that does not exist in the Identity and Entitlement database.

User response: Ensure that the role permission assignment being imported refers a permission that exists in the Identity and Entitlement database.

CTJRP2165E The role {0} and permission {1} assignment from source {2} was not committed because this assignment already exists in the Identity and Entitlement database from another source.

Explanation: Updating the source for the role permission assignment existing in the Identity and Entitlement database is not allowed.

User response: Ensure that the role permission assignment and the source being imported have the correct values.

CTJRP2167E The project cannot be updated.

Explanation: The request failed because an internal error occurred while updating the project. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRP2168E The specified project name already exists.

Explanation: A project name must be unique.

User response: Specify a different project name, and resubmit the request.

CTJRP2170W   The commit operation of schema session *session_name* is rejected because a data session is present.

Explanation: The schema session commit operations can occur only when there are no active data sessions.

User response: Delete any noncommitted data sessions, and try the schema session commit operation again.

CTJRP2174W   All attribute values associated with entity type {0} for attribute {1} will be deleted because of a change in usage of the attribute.

Explanation: The usage of attribute value is changed from one entity type to another. For example, attribute usage changed from RoleAnalysis to PermissionAnalysis.

User response: To prevent the the attribute values associated with that attribute for an entity from being deleted, ensure that the attribute usage of the attribute is not changed from one entity to another.

CTJRP2175W   The commit operation of session {0} is rejected because the schema session is active.

Explanation: The commit operation of session specified is rejected because the schema session in active state.

User response: Ensure that no existing schema session is active while the data session is being committed.

CTJRP2176E   The attribute {0} at line {1} in the CSV file is reserved and has also been defined as a custom attribute.

Explanation: An error occurred because an attempt was made to import data that has a reserved attribute that is defined as custom attribute.

User response: Ensure that a reserved attribute is not defined as custom attribute. Import the data again.

CTJRP2178E   The attribute {0} cannot be deleted from Identity and Entitlement database because it is used in the role {1} membership qualifier.

Explanation: An attribute cannot be deleted, if it is referred to in a role membership qualifier.

User response: Ensure that the attribute to be deleted is not part of a role membership qualifier.

CTJRP2179E   The attribute {0} cannot be deleted from Identity and Entitlement database because it is used in the project {1} scoping filter.

Explanation: An attribute cannot be deleted, if it is referred to in a project scoping filter

User response: Ensure that attribute to be deleted is not part of project scoping filter.

CTJRP2180E The scoping rule {0} is not valid.

Explanation: The specified scoping rule is not valid. The scoping rule must follow this format : [{ // String Attribute attributeURI:https://host:port/isrm/rest/ rolescope/attributes/21291303551782356419, values:[ATTRIBUTEVALUE1, ATTRIBUTEVALUE2] }, { // Integer Attribute attributeURI:https://host:port/ isrm/rest/rolescope/attributes/67291303551782356414, values:[1, 3] }, { // Identity Attribute attributeURI:https://host:port/isrm/rest/rolescope/ attributes/43291303551782356233, values:[/users/ 1291304166353138181, /users/1291304166353138182] }, { // Hierarchical Attribute values must use the following suffixes : /SUBTREE or /BASE attributeURI:https:// host:port/isrm/rest/rolescope/attributes/ 66451303551782356789, values:[HEADOFFICE/ SUBTREE, OZONE/BASE] }, { // Roles attributeURI:https://host:port/isrm/rest/roles,

values:[/roles/1291304166353138181, /roles/1291304166353138182] }]

User response: Correct the scoping rule and post the request again.

CTJRP2181E The project name exceeds 240 characters.

Explanation: The project name must be less than 240 characters.

User response: Enter a project name that is less than 240 characters.

CTJRP2182W   Conditions cannot be added because the maximum number of {0} conditions has been reached.

Explanation: The maximum number of conditions already exists in the section.

User response: Create a different section to add more conditions.

CTJRP2184E The specified role copy options are invalid.

Explanation: The specified role copy options are invalid or do not exist.

User response: Verify the role copy options before resubmitting the request.

CTJRP2185E The project cannot be updated because an invalid state was found.

Explanation: The request failed because an invalid state was found while updating the project. The project state must be ready to edit.

Administrator response: Ensure the project is in ready to edit state so the updates can be made.

CTJRP2186W   A total of {0} role-to-permission assignments were deleted during the deletion of source as part of the commit operation.

Explanation: The assignments were deleted because the roles or the permissions parts of these assignments were deleted during the commit process. The source to which they belonged, was deleted as the result of commiting the current session.

Administrator response: If this deletion was not intended, ensure that the source of these assignments is present in the next feed, and import all deleted data.

CTJRP2187W   A total of {0} user-to-permission assignments were deleted during the deletion of the source as part of the commit operation.

Explanation: The assignments were deleted because the users or the permissions part of these assignments were deleted during the commit process. The source to which they belonged, was deleted as the result of commiting the current session.

Administrator response: If this deletion was not intended, ensure that the source of these assignments is present in the next feed, and import all deleted data.

CTJRP2188W   A total of {0} user-to-role assignments were deleted during the deletion of the source as part of the commit operation.

Explanation: The assignments were deleted as the users or the roles part of these assignments were deleted during the commit process. The source to which they belonged, was deleted as the result of commiting the current session.

Administrator response: If this deletion was not intended, ensure that the source of these assignments is present in the next feed, and import all deleted data.

CTJRP2189W   Separation of duty constraint {0} was deleted as part of the source commit operation.

Explanation: The constraint was deleted because its parent source was deleted as part of the commit process.

Administrator response: If this deletion was not intended, ensure that the source of this constraint is present in the full feed.

CTJRP2190W   Permission {0} was deleted as part of the source commit operation.

Explanation: The permission was deleted because its parent source was deleted as part of commit process.

Administrator response: If this deletion was not intended, ensure that the source of this permission is present in the full feed.

CTJRP2191W   Role {0} was deleted as part of the source commit operation.

Explanation: The role was deleted because its parent source was deleted as part of commit process.

Administrator response: If this deletion was not intended, ensure that the source of this role is present in the full feed.

CTJRP2192W   Identity {0} was deleted as part of the source commit operation.

Explanation: The identity was deleted because its parent source was deleted as part of commit process.

Administrator response: If this deletion was not intended, ensure that the source of this identity is present in the full feed.

CTJRP2195E Parent role {1} is ignored for role {0} from source {2} because the role {0} hierarchy level has exceeded the maximum allowed limit of 50.

Explanation: The hierarchy level for role in the role hierarchy list has exceeded the maximum allowed limit of 50.

User response: Ensure that the role hierarchy level for given role is less than or equal to 50.

CTJRP2196W   Values cannot be added because it exceeds the maximum number of {0}.

Explanation: The condition already has the maximum allowed number of values.

CTJRP2197E {0} expected value at position {1} but CSV line {2} has values up to position {3}. The complete line is ignored.

Explanation: For the specified line in CSV, the required values for attributes are missing.

User response: Check if all values can be supplied for the specified line in CSV for the specified attribute. Otherwise, append an adequate number of commas to the phrase to indicate the missing values.

CTJRP2198W   All attribute values for the attribute {0} are deleted due to change in the attribute type of the attribute committed.

Explanation: A change in the type of an attribute caused the deletion of all existing values for that attribute.

User response: To prevent the attribute values for that attribute for an entity from being deleted, ensure that the attribute type of an attribute is not changed from one type to another.

CTJRP2199W   A total of {0} roles would get deleted from source {1} as a result of commiting the selected session.

Explanation: If a CSV file does not contain a role which is present for that source in the system, the role is subject to deletion.

User response: No action is required.

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CTJRP2201W   The role {0} from source {1} will not be committed as another role with the same URI exists already for a different source.

Explanation: A role can exist in the system under one and only one source at a time.

User response: Ensure that the role is valid and is committed to the system.

CTJRP2202E Role details could not be saved.

Explanation: The request failed because an internal error occurred while saving the role details. For example, the database may be inaccessible OR the server may not be running.

Administrator response: Check if the server and the database are running. Retry the operation after bringing up the server and the database. Examine the log files for additional information about the problem.

CTJRP2203E Project {0} could not be submitted for deletion.

Explanation: The server can take a specific number of delete requests at a time. Rest of the requests are rejected.

User response: Retry the operation for the remaining projects after the current set of delete requests are processed by the server.

Administrator response: Tune the number of work managers configured with the server to increase the number of concurrent delete requests that the server can handle. Check IBM Electronic Support for information about tuning the work manager configuration http://www.ibm.com/support/entry/portal/Overview/Software/Tivoli/Tivoli_Identity_Manager.

CTJRP2209E The referred identity {0} for the attribute {1} associated with {2} {3} is not valid as it is not present in the Identity and Entitlement database nor in the import session.

Explanation: An entity refers to an identity that is not present in the import session nor in the Identity and Entitlement database.

User response: Ensure that the identity referred by the entity is available in the import session or in the Identity and Entitlement database.

CTJRP2210E The referred hierarchical node {0} for attribute {1} associated with {3} {2} is not valid.

Explanation: An entity referred to a hierarchical node, that is not present in the import session nor in the

Identity and Entitlement database.

User response: Ensure that a node referred by an entity is available in the import session or in the Identity and Entitlement database.

CTJRP2212W   Identity {0} associated with Role {1} will be deleted on commit of session.

Explanation: Identity specified will be deleted on commit of a session, causing its association with the role also to be deleted.

User response: Ensure that Identity is not deleted on commit of a session if its association with a role is not intended to be removed.

CTJRP2213W   Identity {0} associated with Permission {1} will be deleted on commit of session.

Explanation: Identity specified will be deleted on commit of a session, causing its association with the permission also to be deleted

User response: Ensure that Identity is not deleted on commit of a session if its association with a permission is not intended to be removed.

CTJRP2218W   The identity {0} is used as a scoping filter under project {1}. This filter would be deleted on commit of the session.

Explanation: The identity specified will be deleted on commit of the session. All project scoping filter referring to same identity are also deleted.

User response: Ensure that the identity is part of the session to be committed with few attribute values associated to it from the source.

CTJRP2219W   The identity {0} is referred in the user membership qualifier rule {1} of Role{2}. These qualifiers would be deleted on commit of the session.

Explanation: The identity specified will be deleted on commit of the session, thus causing all user membership qualifier of role referring to it also getting deleted.

User response: Ensure that the identity is part of the session to be committed with few attribute values associated to it from the source.

CTJRP2220W   Role {0} from source {1} refers an invalid Identity {2} for attribute {3}. This Identity relation with this role would not be committed to the system for this session.

Explanation: The referred identity could be invalid for one of four cases: 1) It is not present in this feed for this session and it is not present in the system. 2) It is a

new identity in this session, but it is missing a mandatory property. 3) It is a new identity in this session, but does not contain any attribute values. 4) It is present in the system, but is missing in the feed in this session. Consequently, the identity is deleted after the session is committed.

User response: If the referred identity is already present in the system, ensure that it is present in the feed so that it does not get deleted. If referred identity is a new Identity being created, ensure it has all the mandatory attributes present, and at least one custom attribute is successfully committed.

CTJRP2221W Role {0} from source {1} is part of a role hierarchy, the depth of which is more than 50 levels.

Explanation: The role hierarchy can have a maximum of 50 levels.

User response: Restructure the hierarchy so that it contains less than 51 levels. Remove any suitable parent child relationships in the hierarchy so that the hierarchy splits into two. As a result, each of the two hierarchies has less than 51 levels.

CTJRP2222W The role {0} from the source {2} refers to another role {1} that is not valid.

Explanation: The referred role is missing in the system. The role will be deleted when the session is committed.

User response: Ensure that the referred role is present in the system after the session is committed. In case the role was already present in the system before commiting the session, ensure that it is also present in this session feed from the role's source. Failure to do so deletes the role.

CTJRP2223W The role {0} with the parent {1} will cause a cycle in the hierarchy if committed. This parent child relationship is coming from source {2} in the CSV.

Explanation: The referred parent child relationship causes a circular relationship in the role hierarchy. The referred parent to this role is also a direct or indirect child of the same role.

User response: Ensure that the circular relationship is removed and then commit the session. To remove the circular relationship, delete this parent child relationship and commit the session.

CTJRP2224E The role {0} from the source {2} having {3} as {1} refers to a hierarchical node that is not valid.

Explanation: The node might be missing from the system, or might belong to a different tree structure.

User response: Ensure that all hierarchical references are correct. In case the hierarchical node is not already present in the system, ensure that it is part of the current feed. Also ensure that the node referred is part of the exact tree structure (hierarchical attribute) currently mentioned in the CSV file.

CTJRP2228E No filter data supplied.

Explanation: The filter data associated with the current role being saved is empty.

User response: Provide some filter data and retry the operation.

CTJRP2229E The commit of session {0} is rejected because another schema session is being committed.

Explanation: Two schema session cannot be committed at the same time.

User response: Ensure that no schema session is in committ state while committing a new schema session.

CTJRP2230E The attribute distribution cannot be found.

Explanation: The attribute distribution might have been deleted by a previous request.

Administrator response: Examine the log files for additional information about the problem.

CTJRP2231E The attribute distribution cannot be retrieved.

Explanation: The retrieve operation could not be completed because of an internal error. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRP2234E The system could not complete validation for entity {0}.

Explanation: An unexpected system error occurred. Validation cannot continue.

Administrator response: Check the Tivoli integrated portal error logs for details.

CTJRP2235W The identity {0} and the role {1} assignment from the source {2} will not be committed from the selected session.

Explanation: The identity role assignment will not be committed because the referred identity will be deleted from the Identity and Entitlement database during the same commit operation.

User response: If this action is not intended, edit the

identity section in the CSV files to ensure that the referred identity is present in the import feed.

CTJRP2236W The identity {0} and the role {1} assignment from the source {2} will not be committed from the selected session.

Explanation: The identity role assignment will not be committed because the referred identity will be deleted from the Identity and Entitlement database during the same commit operation.

User response: If this action is not intended, edit the role section in the CSV files to ensure that the referred role is present in the import feed.

CTJRP2237E The identity {0} and the role {1} assignment from the source {2} will not be committed from the selected session.

Explanation: The identity role assignment will not be committed because the referred identity is not found in the Identity and Entitlement database nor in the import feed.

User response: If this action is not intended, edit the identity section in the CSV files to ensure that the referred identity is present in the import feed.

CTJRP2238E The identity {0} and the role {1} assignment from the source {2} will not be committed from the selected session.

Explanation: The identity role assignment will not be committed because the referred role is not found in the Identity and Entitlement database nor in the import feed.

User response: If this action was not intended, edit the role section in the CSV files to ensure that the referred role is present in the import feed.

CTJRP2240E The identity {0} and the role {1} assignment from the source {2} will not be committed from the selected session.

Explanation: The identity role assignment is present in the Identity and Entitlement database from another source.

User response: To commit the identity role assignment from the new source, delete the existing assignment from the Identity and Entitlement database.

CTJRP2242W The identity {0} and the permission {1} assignment from the source {2} will not be committed from the selected session.

Explanation: The identity permission assignment will not be committed because the referred identity will be deleted from the Identity and Entitlement database during the same commit operation.

User response: If this action is not intended, edit the identity section in the CSV files to ensure that the referred identity is present in the import feed.

CTJRP2243W The identity {0} and the permission {1} assignment from the source {2} will not be committed from the selected session.

Explanation: The identity permission assignment will not be committed because the referred permission will be deleted from the Identity and Entitlement database during the same commit operation .

User response: If this action is not intended, edit the permission section in the CSV files to ensure that the referred permission is present in the import feed.

CTJRP2244E The identity {0} and the permission {1} assignment from the source {2} will not be committed from the selected session.

Explanation: The identity permission assignment will not be committed because the referred identity is not found in the Identity and Entitlement database nor in the import feed.

User response: If this action is not intended, edit the identity section in the CSV files to ensure that the referred identity is present in the import feed.

CTJRP2245E The identity {0} and the permission {1} assignment from the source {2} will not be committed from the selected session.

Explanation: The identity permission assignment will not be committed because the referred permission is not found in the Identity and Entitlement database nor in the import feed.

User response: If this action was not intended, edit the permission section in the CSV files to ensure that the referred permission is present in the import feed.

CTJRP2247E The identity {0} and the permission {1} assignment from the source {2} will not be committed from the selected session.

Explanation: The identity permission assignment is present in the Identity and Entitlement database from another source.

User response: To commit the identity permission assignment from the new source, delete the existing assignment from the Identity and Entitlement database.

CTJRP2249W The role {0} and the permission {1} assignment from the source {2} will not be committed from the selected session.

Explanation: The role permission assignment will not be committed because the referred role will be deleted

from the Identity and Entitlement database during the same commit operation.

User response: If this action is not intended, edit the role section in the CSV files to ensure that the referred role is present in the import feed.

CTJRP2250W **The role {0} and the permission {1} assignment from the source {2} will not be committed from the selected session.**

Explanation: The role permission assignment will not be committed because the referred permission will be deleted from the Identity and Entitlement database during the same commit operation.

User response: If this action is not intended, edit the permission section in the CSV files to ensure that the referred permission is present in the import feed.

CTJRP2251E **The role {0} to the permission {1} assignment from the source {2} will not be committed from the selected session.**

Explanation: The role permission assignment will not be committed because the referred role is not found in the Identity and Entitlement database nor in the import feed.

User response: If this action is not intended, edit the role section in the CSV files to ensure that the referred role is present in the import feed.

CTJRP2252E **The role {0} and the permission {1} assignment from the source {2} will not be committed from the selected session.**

Explanation: The role permission assignment will not be committed because the referred permission is not found in the Identity and Entitlement database nor in the import feed.

User response: If this action is not intended, edit the permission section in the CSV files to ensure that the referred permission is present in the import feed.

CTJRP2254E **The role {0} and the permission {1} assignment from the source {2} will not be committed from the selected session.**

Explanation: The role permission assignment is present in the Identity and Entitlement database from another source.

User response: To commit the role permission assignment from the new source, delete the existing assignment from the Identity and Entitlement database.

CTJRP2259W **The separation of duty constraint {0} from the source {1} will not be committed because another separation of duty constraints with the same unique identifier exists in the Identity and Entitlement database from a different source.**

Explanation: There cannot be more than one separation of duty constraints with the same unique identifier. An identical separation of duty constraint already exists from another source in the Identity and Entitlement database. As a result, this separation of duty constraint would not be committed.

User response: Ensure that the unique identifier of the separation of duty constraint being imported is different from any existing separation of duty constraints present from any other source in the Identity and Entitlement database. If a separation of duty constraint from a different source already exists in the Identity and Entitlement database, make sure that it is deleted first. You can also use a different unique identifier for the duplicate separation of duty constraint if deletion is not feasible.

CTJRP2260W **Separation of duty constraint {0} from the source {1} will be deleted on commit.**

Explanation: The separation of duty constraint listed will be deleted because the entry is missing in the import feed from the source.

User response: If the separation of duty constraint is not intended to be deleted, ensure that it is present in the import feed from its source.

CTJRP2261W **Identity {2} referred by separation of duty constraint {0} from source {1} for attribute {3} will not be committed because it does not exist in current session being committed nor in the Identity and Entitlement database.**

Explanation: The referred identity might not be valid for one of these reasons: It is not present in this feed for this session and it is not present in the Identity and Entitlement database. It is a new identity coming from the import feed, but it is missing a mandatory attribute. It is a new identity coming from the import feed, but does not contain any attribute values. It is present in the Identity and Entitlement database, but is missing in the import feed. Consequently, the identity would be deleted after commit.

User response: Make sure the identity is present in the Identity and Entitlement database or if is part of the import feed, ensure that it has all the mandatory attributes, and at least one valid custom attribute.

CTJRP2262W   The hierarchical node {1} referred by separation of duty constraint {0} from source {2} for attribute {3} will not be committed because it does not exist in current session being committed nor in the Identity and Entitlement database under the referred hierarchical attribute.

Explanation: The hierarchical node is invalid as it might be missing from the import feed or in the Identity and Entitlement database. In case it is present in either one, it may belong to a different hierarchical attribute.

User response: Ensure that all hierarchical references are correct. In case the hierarchical node is not already present in the Identity and Entitlement database, ensure that it is part of the import feed. Also make sure that the node referred is part of the same hierarchical attribute currently present in the import feed.

CTJRP2268W   The permission {0} and the role {1} assignment from the source {2} will be deleted from the Identity and Entitlement database during the session commit.

Explanation: The role permission assignment will be deleted during commit because the permission is getting deleted in the same commit.

User response: If this action is not intended, ensure that the permission is present in the import feed by editing the CSV file and importing it again.

CTJRP2269W   The permission {0} and the identity {1} assignment from the source {2} will be deleted from the Identity and Entitlement database during the session commit.

Explanation: The identity permission assignment will be deleted during commit because the permission is being deleted in the same commit.

User response: If this action is not intended, ensure that the permission is present in the import feed by editing the CSV file and importing it again.

CTJRP2270W   Separation of duty constraint {0} from the source {2} refers to a role {1} that is not valid.

Explanation: The role might be missing from the system. It will be deleted during the commiting operation of the session.

User response: If the source of the invalid role has a feed in the current session, ensure that the mentioned role is part of it. Failure to do so causes the deletion of the role and more invalid role references.

CTJRP2275E   The task submission for the import file failed.

Explanation: The task submission failed because of an internal error. The task was rejected.

Administrator response: Examine the log files for additional information about the problem.

CTJRP2279E   Permission {0} from the source {1} will not be committed in the import feed.

Explanation: Same permission is present in the Identity and Entitlement database from a different source.

User response: To commit this permission from the new source, delete the existing permission from the Identity and Entitlement database. Perform the operation again.

CTJRP2280E   Filter details could not be saved.

Explanation: The request failed because an internal error occurred while saving the filter details. For example, the database may be inaccessible OR the server might not be running.

Administrator response: Check if the server and the database are running. Retry the operation after bringing up the server and the database. Examine the log files for additional information about the problem.

CTJRP2281W   The entity {0} {1} was duplicated at line {2} in the CSV file.

Explanation: The specified entity already exists in the database.

User response: Specify a unique entity value and resubmit the request.

CTJRP2282E   The permission scope attribute cannot be retrieved.

Explanation: The request failed because an internal error occurred while retrieving the permission scope attribute. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRP2283E   The attribute count could not be retrieved.

Explanation: The request failed because an internal error occurred while retrieving the attribute count. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRP2284E The role count could not be retrieved.

Explanation: The request failed because an internal error occurred while retrieving the role count. For example, the database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRP2285E The operation has failed because the database could not be reached.

Explanation: The database might be inaccessible.

Administrator response: Examine the log files for additional information about the problem.

CTJRP2286W The role {0} from source {1} already exist in the project. It was ignored during role copy.

Explanation: The role is ignored because it already existed in the project specified.

User response: Provide roles that are not already part of the project for copy.

CTJRP2287W The Separation of Duty {0} from source {1} already exists in the project. It was ignored during the role copy.

Explanation: The separation of duty constraint is ignored because it already existed in the project specified.

User response: Provide a separation of duty constraints that are not a part of project specified in the role copy.

CTJRP2288E Invalid filter uri passed for deletion.

Explanation: The filter uri passed for deletion is invalid OR null. The filter associated with the role could not be cleared.

Administrator response: Examine the log files for additional information about the problem. Check for the URI that was used for deletion.

CTJRP2291E Could not complete commit for entity {0}.

Explanation: An unexpected system error occurred. The session commit cannot continue.

Administrator response: Check the Tivoli integrated portal error logs for details.

CTJRP2295E Could not complete import for entity {0}.

Explanation: An unexpected system error occurred. The import operation cannot continue.

Administrator response: Check the Tivoli integrated portal error logs for details.

CTJRP2317E {0} is not allowed on file {1} because the session {2} is in {3} state.

Explanation: The import session is in a state that does not allow the attempted action.

User response: Wait for the ongoing action to complete. Then refresh the table and retry the operation.

CTJRP2318E {0} is not allowed on session {1} because some files in the session are in {2} state.

Explanation: Some files in the session are in a state that does not allow the attempted action.

User response: Wait for the ongoing action to complete. Then refresh the table and retry the operation.

CTJRP2319E {0} is not allowed on session {1} because session {2} is in {3} state.

Explanation: Another session is in a state that does not allow the attempted action.

User response: Wait for the ongoing action to complete. Then refresh the table and retry the operation.

CTJRP2320E {0} is not allowed on session {1} because the project {2} is in {3} state.

Explanation: A project is in a state that does not allow the attempted action.

User response: Wait for the ongoing action to complete. Then refresh the table and retry the operation.

CTJRP2321E {0} is not allowed on project {1} because session {2} is in {3} state.

Explanation: One of the import sessions is in a state that does not allow the attempted action.

User response: Wait for the ongoing action to complete. Then refresh the table and retry the operation.

CTJRP2322E State change rules are not found in the system.

Explanation: The required configuration file is missing.

Administrator response: Ensure that the product installation is correct.

CTJRP2323W The role {1} with the parent {0} causes a circular relationship in the role hierarchy of the project. This parent child relationship is ignored during copying.

Explanation: The referred parent child relationship causes a circular relationship in the system and was not included the project role hierarchy during the copy operation.

User response: Ensure that the circular relationship is removed. Delete this parent child relationship from the project and then perform the copy operation.

CTJRP2324E For the file {0} and the affecting entities {1}, the attempted action is not allowed.

Explanation: The file state or the affecting entities state do not allow the attempted action.

User response: Wait for the ongoing action to complete, refresh, and retry the action.

CTJRP2325E For the session {0} and the affecting entities {1}, the attempted action is not allowed.

Explanation: The session state or the affecting entities state do not allow the attempted action.

User response: Wait for the ongoing action to complete, refresh, and retry the action.

CTJRP2326E For the project {0} and the affecting entities {1}, the attempted action is not allowed.

Explanation: The project state or the affecting entities states do not allow the attempted action.

User response: Wait for the ongoing action to complete, refresh, and retry the action.

CTJRP2347W The hierarchical node {1} in attribute {0} refers node {2} as its parent. This relationship would not be committed to the system as it causes a circular relationship in the resulting hierarchy of nodes.

Explanation: If the parent node is also a direct or indirect child of the same role, a circular relationship is formed in the hierarchy. Such circular relationships are

not allowed in the system and therefore this relationship would not be committed. All other relationships from this hierarchy would however be successfully committed.

User response: Remove this relationship and import. If this particular relationship is to be imported in the system, remove any other intermediate relationship from the resulting hierarchy to eliminate the circular relationship.

CTJRP2348W The hierarchical node {1} in attribute {0} refers node {2} as its parent. This relationship would not be committed to the system because the referred parent node would not exist in the system after the successful commit of this session.

Explanation: The referred parent node is invalid and therefore this relationship would not be committed to the system. The parent node referred could be missing from the system and the CSV files. If the referred node is present in the system currently, ensure that it is also present in the CSV file under the correct hierarchical attribute tree structure.

User response: Remove this relationship and import. If this particular relationship is to be imported in the system, ensure that the referred parent node is present in the CSV under the correct hierarchical attribute.

CTJRP2354E {0} is not allowed for the file {1} in {2} state.

Explanation: The file state does not allow the attempted action.

User response: Wait for the ongoing action to complete. Then refresh the table and retry the operation.

CTJRP2355E {0} is not allowed for the session {1} in {2} state.

Explanation: The session state does not allow the attempted action.

User response: Wait for the ongoing action to complete. Then refresh the table and retry the operation.

CTJRP2356E {0} is not allowed for the project {1} in {2} state.

Explanation: The project state does not allow the attempted action.

User response: Wait for the ongoing action to complete. Then refresh the table and retry the operation.

CTJRP2358E The commit task submission for the session {0} failed.

Explanation: The task submission failed because of an internal error. The task was rejected.

Administrator response: Examine the log files for additional information about the problem.

CTJRP2359E The delete task submission for the session {0} failed.

Explanation: The task submission failed because of an internal error. The task was rejected.

Administrator response: Examine the log files for additional information about the problem.

CTJRP2360E The delete task submission for the file {0} failed.

Explanation: The task submission failed because of an internal error. The task was rejected.

Administrator response: Examine the log files for additional information about the problem.

CTJRP2361E The validate task submission for the session {0} failed.

Explanation: The task submission failed because of an internal error. The task was rejected.

Administrator response: Examine the log files for additional information about the problem.

CTJRP2362E The import task submission for the file {0} failed.

Explanation: The task submission failed because of an internal error. The task was rejected.

Administrator response: Examine the log files for additional information about the problem.

CTJRP2363W The parent child relationship reference between role {0} and role {1} could not be copied as the resulting hierarchy exceeded the allowed limit on the number of levels in an hierarchy.

Explanation: A hierarchy cannot have more than 50 levels. This parent child relationship if copied, would have caused its hierarchy to have more than 50 levels. As a result this relationship was not copied. In case this relationship was in the middle of a long hierarchy chain, the result would now be two separate hierarchies.

User response: If this relationship must be copied, delete some other parent-child reference in the hierarchy to make it less than 50 levels and import it.

CTJRP2370E Project state has changed, attempted action is not allowed.

Explanation: The project state does not allow the attempted action.

User response: Wait for the ongoing action to complete, project state has changed. Refresh and retry the action.

CTJRP2375W The schema attribute {0} is intended to be deleted as a result of the current import feed. This attribute will not be deleted.

Explanation: The attribute is part of a project scope or a role filter, so it cannot be deleted. Only its basic properties like name and description can be updated.

User response: To avoid a similar error post commit, edit the CSV files to include the specified schema attribute. If this attribute must be deleted, first remove it from any existing project scoping rules and role filters, and then perform the commit operation.

CTJRP2376W One or more of the properties 'Type' and 'Usage' for schema attribute {0} are intended to be updated as a result of the current import feed. However, these properties for this attribute will not be updated as part of the commit operation because the attribute is part of an existing project scope or a role filter.

Explanation: If an attribute is part of a project scope or a role filter, only basic properties, such as name and description, will be updated, however. If this session is committed, the specified properties for the attribute will not update, and an error message will be logged.

User response: To avoid a similar error after committing, edit the CSV files to remove the updates made to the specified attribute. If this attribute must be updated, first remove it from any existing project scoping rules and role filters, and then perform the commit operation.

CTJRP2379E No section was imported from the CSV file.

Explanation: The data in the CSV file does not match the required CSV file format.

User response: Check IBM Electronic Support for information about tuning the work manager configuration http://www.ibm.com/support/entry/portal/Overview/Software/Tivoli/Tivoli_Identity_Manager.

CTJRP2380W   An update to the role might have caused the data in the table not to be synchronized.

Explanation: One of the role updates has caused the tables not to be synchronized.

User response: Click the refresh button on the table to load the most current data.

CTJRP2381E An error occurred while loading the default analysis catalog items: {0}.

Explanation: The specified error occurred while loading the default analysis catalog items. The default analysis catalog items are not available.

User response: Check IBM Electronic Support for additional information - http://www.ibm.com/support/entry/portal/Overview/Software/Tivoli/Tivoli_Identity_Manager.

CTJRP2382E An error occurred while loading the customized analysis catalog items: {0}.

Explanation: The specified error occurred while loading the customized analysis catalog items. The customized analysis catalog items are not available.

User response: Correct the specified error and then retry the operation.

CTJRP2383W   An error occurred while loading the customized analysis catalog item text: {0}.

Explanation: The specified error occurred while loading the customized analysis catalog item text. The customized analysis catalog item text cannot be translated.

User response: Correct the specified error and then retry the operation.

CTJRP2389E For the project {0} having status {1} and synchronization status {2}, the export action is not allowed.

Explanation: The project export is allowed only for ready for editing and synchronized projects.

User response: Wait for the ongoing project action to complete, refresh, and retry the export.

CTJRP2391E Unable to delete role type {0}.

Explanation: The role type intended for deletion was not deleted because roles exist that refer this role type. Deleting this role type would cause all roles referring to the type to be deleted. Therefore the role was not deleted.

User response: Update the CSV file to include this

role type so that it is not subject to delete by the full feed import process. If the role type needs to be deleted, first delete all roles that refer this particular role type, then retry this step.

CTJRP2392W   The role type {0} present at line {1} in the CSV file already exists in the same session being imported.

Explanation: A duplicate role type definition is found in the session being imported. The identical role type definitions might exist in the same CSV file, or it might exist in different CSV files in the same session. One of the duplicate definitions was ignored.

User response: Specify a unique role type definition and resubmit the request.

CTJRP2394E The following sorting parameter is invalid: {0}.

Explanation: The sorting parameter requires the following format: sort(sortvalue). The (sortvalue) is either a plus sign (+) for ascending order or a minus sign (-) for descending order. It is followed by uiColumn1, uiColumn2, uiColumn3, uiColumn4, or uiColumn5. For example, to sort a table in descending order by the second column, specify sort(-uiColumn2).

User response: Ensure that the sorting parameter has a valid value, including a valid column number for the table, and resubmit the request.

CTJRP2402E Commit of session {0} failed with {1} warnings.

Explanation: This message is for informational purposes only.

Administrator response: No action is required.

CTJRP2403E Commit of session {0} failed with {1} errors.

Explanation: This message is for informational purposes only.

Administrator response: No action is required.

CTJRP2404E Commit of session {0} failed with {1} warnings and {2} errors.

Explanation: This message is for informational purposes only.

Administrator response: No action is required.

CTJRP2405W   The role type {0} is intended to be deleted as a result of the current import feed. This role type will not be deleted as part of the commit.

Explanation: The role type is referred to by a roles in

the Identity and Entitlement database. It cannot be deleted.

User response: To delete a role type, ensure that the role type to be deleted is not being referred by any existing roles in the Identity and Entitle database.

CTJRP2409E Import of file {0} in session {1} failed with {2} errors.

Explanation: This message is for informational purposes only.

Administrator response: No action is required.

CTJRP2421E Validation of session {0} failed with {1} warnings.

Explanation: This message is for informational purposes only.

Administrator response: No action is required.

CTJRP2422E Validation of session {0} failed with {1} errors.

Explanation: This message is for informational purposes only.

Administrator response: No action is required.

CTJRP2423E Validation of session {0} is failed with {1} warnings and {2} errors.

Explanation: This message is for informational purposes only.

Administrator response: No action is required.

CTJRP2428W   The attribute {0} present at line {1} in the CSV file already exists in the database with same attribute display name.

Explanation: An error occurred because a duplicate attribute display name was found in the database.

User response: Specify a unique attribute display name and resubmit the request.

CTJRP2438E Import of file {0} to session {1} failed with {2} warnings and {3} errors.

Explanation: This message is for informational purposes only.

Administrator response: No action is required.

CTJRP2444E The Import of file {0} in the session {1} failed. Tthe delimiter and escape character sequence for CSV file specified in the property file securityModeling.properties cannot be identical.

Explanation: The delimiter and the escape sequence specified in the securityModeling.properties file must be unique.

User response: Specify correct and different values for the parameter CSV_FILE_DELIMITER and CSV_FILE_ESCAPE_CHARACTER in the securityModeling.properties file.

CTJRP2448E The value specified for role type {0} at line {1} in the CSV is incorrect.

Explanation: The specified role type must be present in the Identity and Entitlement database.

User response: Specify correct correct role type value for the role as committed in the Identity and Entitlement database.

CTJRP2449E There are insufficient access rights to perform the specified operation.

Explanation: The user is not a member of the role defined for the operation being performed.

User response: Contact your system administrator for assigning the correct role membership. After the correct set of role memberships are assigned, try the operation again.

CTJRP2450W   The identity {0} was deleted from the Identity and Entitlement database. The project scoping filters will be updated to remove the references to the deleted identity.

Explanation: The Identity and Entitlement database has a set of project scoping filters that refer to the specified identity. Deleting the identity from the database also causes the identity to be removed from all the scoping filters that refer to the identity

User response: No action is required.

CTJRP2451W   When this session is committed, identity {0} will be deleted from the Identity and Entitlement database. All project scoping filters that refer to this identity in a filter will be updated to remove the references to the deleted identity.

Explanation: The Identity and Entitlement database has a set of project scoping filters that refer to the specified identity. When the identity is deleted, all scoping filters referring to the identity are updated so

that they no longer refer to the identity.

User response: If you do not want to deleted the identity removed from the project scoping filters, you must restore the identity to the database. Ensure that the identity and the required associated attributes are is present in the session being committed.

CTJRP2452W **The identity {0} is removed from the scoping filter of project {1} because it was deleted from the Identity and Entitlement database during a session commit operation.**

Explanation: The Identity and Entitlement database has a set of project scoping filters that refer to the specified identity, Deleting the identity from the database also causes the identity to be removed from all the scoping filters that refer to the identity.

User response: No action is required.

CTJRP2453W **The permission {0} was deleted from the Identity and Entitlement database. The project scoping filters will be updated to remove the references to the deleted permission.**

Explanation: The Identity and Entitlement database has a set of project scoping filters that refer to the specified permission. Deleting the permission from the database also causes the permission to be removed from all the scoping filters that refer to the permission

User response: No action is required.

CTJRP2454W **When this session is committed, permission {0} will be deleted from the Identity and Entitlement database. All project scoping filters that refer to this permission in a filter will be updated to remove the references to the deleted permission.**

Explanation: The Identity and Entitlement database has a set of project scoping filters that refer to the specified permission. When the permission is deleted, all scoping filters referring to the permission are updated so that they no longer refer to the permission.

User response: If you do not want to deleted the permission removed from the project scoping filters, you must restore the permission to the database. Ensure that the permission and the required associated attributes are is present in the session being committed.

CTJRP2455W **The permission {0} is removed from the scoping filter of project {1} because it was deleted from the Identity and Entitlement database during a session commit operation.**

Explanation: The Identity and Entitlement database

has a set of project scoping filters that refer to the specified permission, Deleting the permission from the database also causes the permission to be removed from all the scoping filters that refer to the permission.

User response: No action is required.

CTJRP2456E **Project creation is not allowed.**

Explanation: The project cannot be created because a pending action must be completed.

User response: Wait for the pending action to complete. Then refresh the Projects table, and try to create the project again.

CTJRP2457E **The query parameter action=createProject is required.**

Explanation: For information about the supported query parameters, see the Role and Policy Modeler information center.

User response: Correct the query parameters, and submit the request again.

CTJRP2458E **An internal error occurred.**

Explanation: An error occurred that was not handled by the system. This message is diaplayed for any problem that was not handled in the product code.

User response: Attempt the requested action again. If the problem recurs, contact your system administrator.

Administrator response: This is an expected error scenario. Examine the product logs for information about the underlying problem. If needed, check IBM Electronic Support for additional information - http://www.ibm.com/support/entry/portal/ Overview/Software/Tivoli/Tivoli_Identity_Manager.

CTJRP2459E **Sorting can be performed using only one sort attribute for the sessions.**

Explanation: Sorting is supported on only one attribute at a time.

Administrator response: Specify only one sort attribute to sort the sessions.

CTJRP2460W **The maximum limit is exceeded for adding parent roles to the selected role. You can add up to 50 parent roles.**

Explanation: Adding the parent roles causes the limit to be exceeded. The limit for adding parent roles is 50.

User response: Do not exceed the maximum limit of adding parent roles.

CTJRP2461W   The maximum limit is exceeded for adding child roles to the selected role. You can add up to 50 child roles.

Explanation: Adding the child roles causes the limit to be exceeded. The limit for adding child roles is 50.

User response: Do not exceed the maximum limit of adding child roles.

CTJRP2462E   The name exceeds the maximum allowed length of 240 characters.

Explanation: The value specified for the name of the role OR the project to be created or modified is greater than the allowed length of 240 characters.

User response: Create the role or project again by specifying a name that is less than 240 characters.

CTJRP2463E   The session {0} contains no files. At least one file is required to perform the {1} operation on the session.

Explanation: The session does not contain any files, so the attempted action is not allowed.

User response: Ensure that the session has at least one imported file, and then resubmit the request.

CTJRP2468E   Specify a valid integer value for the Allow users to have this maximum number of roles field.

Explanation: An invalid value is specified in the Allow users to have this maximum number of roles field. The cardinality value must range from 1 to n-1, where n is the number of roles included in the separation of duty constraint.

User response: Specify a valid value in the Allow users to have this maximum number of roles field.

CTJRP2469E   The schema attribute {0} will not be committed because it specifies a duplicate display order to schema attribute {1} present in the Identity and Entitlement database.

Explanation: An error occurred while committing the attribute. The display order of the attribute to be committed is similar to one of the attributes present in the Identity and Entitlement database.

User response: Ensure that the display order of the attribute to be committed is unique in the Identity and Entitlement database.

CTJRP2470E   Commit of session {0} completed with {1} errors and {2} warnings.

Explanation: Some of the expected actions were not performed because there are errors in the session data.

Administrator response: Review the error and warning messages, and fix the errors in the CSV file. Then, import the CSV file into a new session and commit the session.

CTJRP2471E   Validation of session {0} completed with {1} errors and {2} warnings.

Explanation: Some of the expected actions will not be performed when the session is committed because there are errors in the session data.

Administrator response: Review the error and warning messages, and fix the errors in CSV file. Then, reimport the CSV file into same session, and validate the session again.

Chapter 5. Role Lifecycle Management messages

Use these lifecycle messages to help you troubleshoot problems that might have occurred.

CTJRL4000E The following required parameters are missing: *requiredParams***.**

Explanation: The required start process parameters are missing.

Administrator response: Make sure that you specify the required start process parameters and try again.

CTJRL4001E Object type *objectType* **is not supported.**

Explanation: The specified object type is not supported.

Administrator response: Make sure to provide the correct object type.

CTJRL4002E The lifecycle operation *lifecycleOperation* **is not supported.**

Explanation: The specified lifecycle operation is not supported.

Administrator response: Make sure to provide the correct lifecycle operation.

CTJRL4003E Due date *dueDate* **should be the current date or any future date.**

Explanation: The specified due date is not valid.

Administrator response: Make sure that the due date you specify is the current date or any future date.

CTJRL4004E Some users cannot be found in the user repository.

Explanation: The system is unable to retrieve users from the user repository.

Administrator response: Make sure that all the users you specify exist in the repository.

CTJRL4005E Error in sending email notification to the approver. Recipient: (*recipient***), Sender: (***sender***)**

Explanation: The process of sending an email notification to the approver failed.

Administrator response: The administrator will receive an email that explains the cause of the problem.

CTJRL4007E Error in post approval processing.

Explanation: The post approval activity could not be completed because of an error.

Administrator response: Check the log files for more information.

CTJRL4008E Error sending process completion notification to (*recipient***).**

Explanation: The completion notification was not sent because of an error.

Administrator response: Check the log files for more information.

CTJRL4009E An unspecified error occurred.

Explanation: The error was not able to be retrieved.

Administrator response: Check the log files for more information.

CTJRL4010E Send email failed:to: *recipient* **from:** *sender***subject:** *subject* **error type:** *errorType***error message:***errorMessage*

Explanation: The email with error details could not be sent.

Administrator response: Check the log files for more information.

CTJRL4101E Unable to read the LDAP properties from the file *ldapPropsFile***.**

Explanation: The properties file could not be read from the specified location.

Administrator response: Make sure that the path and name of the properties file is correct.

CTJRL4102E Unable to read the Role and Policy Modeler properties from the file *rapmPropsFile***.**

Explanation: The Role and Policy Modeler properties could not be read from the specified file location.

Administrator response: Make sure that the path and name of the properties file is correct.

CTJRL4103E User *bpmSystemUser* **does not have permission to start the process.**

Explanation: The specified user is not authorized to start the process.

Administrator response: Make sure that the user has been added to the RoleAnalyst participant group.

CTJRL4104E I/O exception occurred in processing the API request *restUrl* **-** *cause***.**

Explanation: The specified API request could not be processed.

Administrator response: Make sure that the URL is correct and the provider service is running.

CTJRL4105E HTTP Error 400 - Bad Request - The request contains parameters that are not valid or missing.

Explanation: The request could not be processed because it contains parameters that are either not valid or are missing.

Administrator response: Make sure that you specify the required and correct parameters.

CTJRL4106E HTTP Error 401 - Unauthorized - The caller is not authorized to perform the request.

Explanation: The request could not be processed because the caller is not authorized.

Administrator response: Make sure that the caller you specify has the proper credentials.

CTJRL4107E HTTP Error 403 - Forbidden - The caller is not authorized to complete the request.

Explanation: The request could not be processed because the caller is not autorized to complete the request.

Administrator response: Make sure that the caller you specify has the proper credentials.

CTJRL4108E HTTP Error 404 - Not Found - The requested resource does not exist.

Explanation: The request could not be processed because the requested resource does not exist.

Administrator response: Make sure that the requested resource exists.

CTJRL4109E HTTP Error 406 - Not Acceptable - An unsupported content type or content encoding was requested.

Explanation: The request could not be processed because an unsupported content type or content encoding was requested.

Administrator response: Make sure that you specify the correct content type.

CTJRL4110E HTTP Error 409 - Conflict - A conflict exists with the current state of the resource. The requested action cannot be performed on the resource in its current state.

Explanation: The request could not be processed because there is a conflict with the current state of the resource.

Administrator response: Make sure that there are no conflicts with the resource.

CTJRL4111E HTTP Error 415 - Unsupported Media Type - The request contains an unknown content type or content encoding.

Explanation: The request could not be processed because the request contains an unknown content type or content encoding.

Administrator response: Make sure that the content type is correct.

CTJRL4112E HTTP Error 500 - Internal Server Error - A problem has occurred; additional information is provided in the stack trace.

Explanation: The request could not be processed because of an internal error.

Administrator response: Check the log files for more information.

CTJRL4113E HTTP Error 501 - Not Implemented - The request is not supported by the IBM® Business Process Manager REST API.

Explanation: The request could not be processed because it is not supported by the IBM® Business Process Manager REST API.

Administrator response: Make sure you do not use unsupported requests.

CTJRL4114E HTTP Error 503 - Service Unavailable - Federated requests could not be delivered to all of the federation targets.

Explanation: The request could not be processed because the service was unavailable at one or more of the federated targets.

Administrator response: Make corrections and try the reqeust again.

CTJRL4115E HTTP Error 504 - Gateway Timeout - A federated response is not complete because responses are missing from some federation targets.

Explanation: The request could not be processed because the service timed out.

Administrator response: Make corrections and try the reqeust again.

CTJRL4116E HTTP Error {} - Unexpected error.

Explanation: The request could not be processed because of an unexpected error.

Administrator response: Make corrections and try the reqeust again.

CTJRL4117E Cannot create file *fileName* **because the file name already exists.**

Explanation: A new file could not be created because a file with the same name already exists.

Administrator response: Specify a new file name.

CTJRL4118E I/O exception occurred while writing to file *filePath* **-** *cause***.**

Explanation: Unable to write to the file because of an I/O exception.

Administrator response: Check the log files for more information.

CTJRL4119E I/O exception occurred while reading from file *filePath* **-** *cause***.**

Explanation: Unable to read from a file because of an I/O exception.

Administrator response: Check the log files for more information.

CTJRL4120E Business Process Manager UID attribute mapping is not specified.

Explanation: The Business Process Manager UID attribute mapping has not been defined in the rapmConfig.properties file.

Administrator response: Make sure that you specify the Business Process Manager UID attribute mapping.

CTJRL4121E No owner exists for role *roleName***.**

Explanation: The specified role does not have an owner defined.

Administrator response: Add one or more owners to the role.

CTJRL4122E No attribute exists in the Role and Policy Modeler user schema with the name *attrName***.**

Explanation: The user schema in Role and Policy Modeler does not contain the specified Business Process Manager UID attribute.

Administrator response: Make sure the Business Process Manager UID attribute specified in the rapmConfig.properties file is in the Role and Policy Modeler user schema.

CTJRL4123E No Business Process Manager UID exists for attribute *attrName***.**

Explanation: The user schema in Role and Policy Modeler does not contain the value for the Business Process Manager UID attribute.

Administrator response: Make sure the Business Process Manager UID attribute has a value in the Role and Policy Modeler user schema.

CTJRL4124E Unable to read the report configuration properties from the file *reportConfigPropsFile***.**

Explanation: The properties file could not be read from the specified location.

Administrator response: Make sure that the path and name of the properties file is correct.

CTJRL4125E The following required parameters *requiredParams* **are missing from the file** *reportConfigPropFile***.**

Explanation: The required report configuration parameters are missing.

Administrator response: Make sure that you specify the required report configuration parameters and try again.

CTJRL4126E Unable to connect to report server *cognosURL***.**

Explanation: Connect to the cognos server could not be established.

Administrator response: Make sure that the cognos server is running, URL to the server is correct and try again.

CTJRL4127E Unable to login to report server *cognosURL***.**

Explanation: Unable to login to cognos server.

Administrator response: Make sure that the URL, login credentials are valid in report configuration properties file and try again.

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CTJRL4128E Unable to generate report *reportName***.**

Explanation: The report could not be generated.

Administrator response: Make sure to look at the log files, fix the cause of the problem and try again.

CTJRL4129E Object class *objectClass* **is not found in LDAP.**

Explanation: The specified person object class cannot be found.

Administrator response: Review the LDAP configuration properties. Make sure to specify the correct person object class in the entryType parameter. Then, retry the action.

CTJRL4130E The following mapped attributes *mappedAttributes* **do not exist for object class** *objectClass***, or its values are missing in LDAP.**

Explanation: Some of the attributes or values are missing from the specified object class.

Administrator response: Review the LDAP configuration properties. Make sure to specify the same attribute mappings that are defined in LDAP. Then, retry the action.

Appendix A. Conventions used in this information

This information uses several conventions for special terms and actions and for operating system-dependent commands and paths.

Typeface conventions

This information uses the following typeface conventions.

Bold

- Lowercase commands and mixed case commands that are otherwise difficult to distinguish from surrounding text
- Interface controls (check boxes, push buttons, radio buttons, spin buttons, fields, folders, icons, list boxes, items inside list boxes, multicolumn lists, containers, menu choices, menu names, tabs, property sheets), labels (such as **Tip:**, and **Operating system considerations**:)
- Keywords and parameters in text

Italic

- Citations (examples: titles of publications, diskettes, and CDs
- Words defined in text (example: a nonswitched line is called a *point-to-point line*)
- Emphasis of words and letters (words as words example: "Use the word *that* to introduce a restrictive clause."; letters as letters example: "The LUN address must start with the letter *L*.")
- New terms in text (except in a definition list): a *view* is a frame in a workspace that contains data.
- Variables and values you must provide: ... where *myname* represents....

`Monospace`

- Examples and code examples
- File names, programming keywords, and other elements that are difficult to distinguish from surrounding text
- Message text and prompts addressed to the user
- Text that the user must type
- Values for arguments or command options

`Bold monospace`

- Command names, and names of macros and utilities that you can type as commands
- Environment variable names in text
- Keywords
- Parameter names in text: API structure parameters, command parameters and arguments, and configuration parameters
- Process names
- Registry variable names in text
- Script names

Definitions for HOME and other directory variables

The table contains default definitions that are used in IBM Security Role and Policy Modeler information center and guides. These definitions represent the HOME directory level for different product installation paths.

You can customize the HOME directory for your specific requirement. The default directory installation locations in the following table are provided for either administrator or root users.

For non-administrator or nonroot users, replace the following paths with *user_home*:

- Windows operating system: *drive*:\Program Files
- Linux: */opt*
- UNIX, or AIX®: */usr*

Table 1. Home directory variable definitions

Path variable	Default definitions	Description
SM_HOME	- Windows operating system: C:\Program Files\IBM\ SecurityModeler - Linux, UNIX or AIX: /opt/IBM/SecurityModeler	The base directory that contains IBM Security Role and Policy Modeler and documentation.
DB_HOME	- Windows operating system: C:\Program Files\IBM\SQLLIB - Linux: /opt/ibm/db2/V9.7 - UNIX or AIX: /opt/IBM/db2/V9.7	The default DB2® home directory.
WAS_HOME	- Windows operating system: C:\Program Files\IBM\WebSphere\ AppServer - Linux: /opt/IBM/WebSphere/ AppServer - UNIX or AIX: /usr/IBM/WebSphere/ AppServer	The default WebSphere® Application Server home directory.
TIP_PROFILE_HOME	- Windows operating system: *WAS_HOME*\profiles\ TIPProfile - Linux, UNIX, or AIX: *WAS_HOME*/profiles/ TIPProfile	The default Tivoli® Integrated Portal home directory.

Table 1. Home directory variable definitions (continued)

Path variable	Default definitions	Description
TCR_COMPONENT_HOME	• Windows operating system: `C:\Program Files\IBM\WebSphere\ AppServerComponents\ TCRComponent` • Linux: `/opt/IBM/WebSphere/ AppServerComponents/ TCRComponent` • UNIX or AIX: `/usr/IBM/WebSphere/ AppServerComponents/ TCRComponent`	The Tivoli Common Reporting home directory.

Appendix B. Accessibility features for IBM Security Role and Policy Modeler

Accessibility features help users who have a disability, such as restricted mobility, use information technology products successfully.

Accessibility features

The following list includes the major accessibility features in IBM Security Role and Policy Modeler:

- Keyboard-only operation
- Interfaces that are commonly used by screen readers
- Keys that are discernible by touch but not activated by touch
- Industry-standard devices for ports and connectors
- The attachment of alternative input and output devices

The IBM Security Role and Policy Modeler information center and its related publications are accessibility-enabled.

Keyboard navigation

This product allows operation with a keyboard.

Interface information

Hierarchical view is not keyboard accessible
>   The hierarchical view of the role and policy model is not keyboard accessible. However, the table view of the role and policy model is keyboard accessible. Customers who require a keyboard-accessible role and policy model can use the table view on the Roles and Policies window.

Analysis graphs are not keyboard accessible
>   There is an alternative representation of the same data in the form of in and out tables in the analysis windows.

Supported browsers for accessibility
>   Mozilla FireFox 3.6.22.

>   Microsoft Internet Explorer 8. For information about known accessibility issues for this browser, see the "Known limitations, problems, and workarounds" topic in the IBM Security Role and Policy Modeler information center.

Reports are accessible
>   Reports are accessible in HTML and PDF format. For more information, see the "Assistive technologies for reports" topic in the IBM Security Role and Policy Modeler information center.

Opening online help within IBM Security Role and Policy Modeler
>   For Microsoft Internet Explorer, press Alt+6+Enter.

>   For Mozilla FireFox, press Shift+Alt+6.

IBM and accessibility

See the IBM Human Ability and Accessibility Center for more information about the commitment that IBM has to accessibility.

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