

# z/OSMF Network Configuration Assistant: *Configure an AT-TLS policy for FTP*

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Chelsea Jean-Mary

# Background

This presentation will guide users on how to manage AT-TLS policies, including configuring an FTP TLS policy.

Configuration Assistant task simplifies the configuration of the TCP/IP policy-based networking functions. With it, you can create and manage policies for the following disciplines:

- IP Security (IKE)
- Network Security Services (NSS)
- Defense Manager daemon (DMD)
- Application Transparent TLS (AT-TLS)
- Intrusion Detection Services (IDS)
- Policy-based Routing (PBR)
- Quality of Service (QoS)
- TCP/IP Profile configuration
- Import of existing TCP/IP configuration
- Cloud Policy (Cloud)

In this guide, we will be focused on AT-TLS policies.

# Configuring an AT-TLS policy for FTP

Login using your z/OS User ID and password.

Expand the Configuration section on the left side and click on **Configuration Assistant**.

Use the pull-down to select your backing store file and click on the **Proceed** button.

Network Configuration Assistant

Help

**Welcome to V2R4 Configuration Assistant for z/OS Communications Server**  
Use this task to create and manage configuration for z/OS Communications Server policy-based networking functions.

☐ Manage z/OS Cloud configuration

☒ Manage TCP/IP profile and policy-based networking functions

☐ Create or transfer a new backing store

☒ Open an existing backing store

MJF\_DEMO

1

\* Minutes to allow backing store to open. Range is 1-30.

Proceed

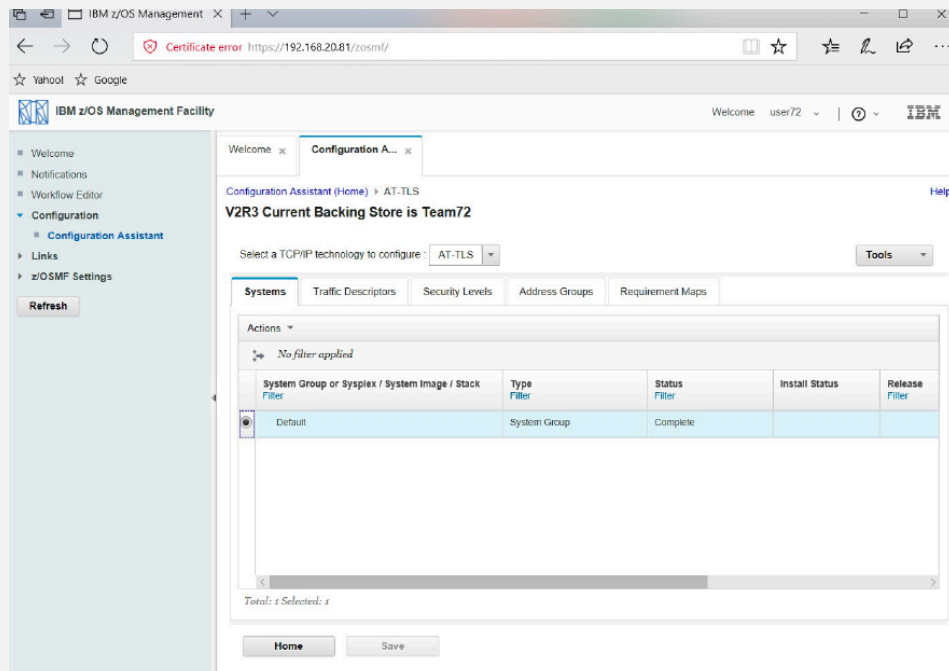
**Learn more about Network Configuration Assistant:**

|  |   |
|--|---|
| <a href="#">What's New</a>                         | See what is new in this release.                                  |
| <a href="#">Getting Started</a>                    | First time users can learn about Network Configuration Assistant. |
| <a href="#">Migrating to z/OSMF</a>                | Migrate backing stores from Windows to z/OSMF.                    |
| <a href="#">Application Setup Tasks</a>            | Workflows to guide the setup of required applications.            |
| <a href="#">Tutorials</a>                          | Link to tutorials.  |
| <a href="#">FAQs</a>                               | Link to Frequently Asked Questions.                               |
| <a href="#">Collect Problem Determination Data</a> | Get assistance with gathering problem determination data.         |

# Configuring an AT-TLS policy for FTP

If necessary, use the technology pull-down to select **AT-TLS**.

Use the radio button to select the **Default** system group.

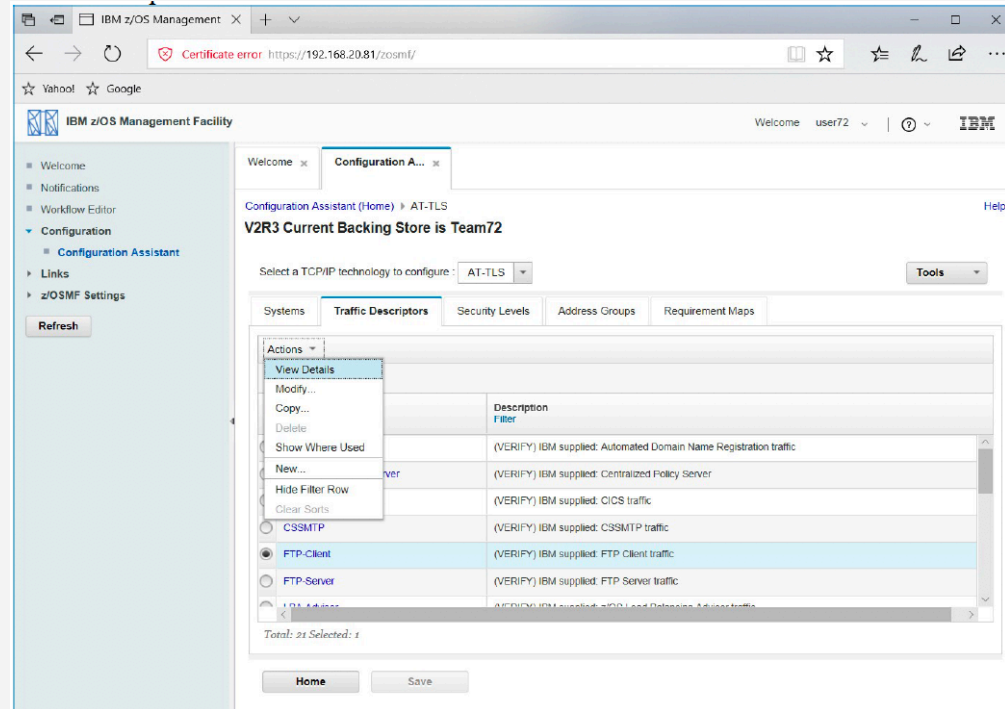


# Configuring an AT-TLS policy for FTP

## *Step 1: Create a Traffic Descriptor*

Select the **Traffic Descriptor** tab.

Use the radio button to select the sample FTP-Client traffic descriptor and use the actions pull-down to select **View Details**.



# Configuring an AT-TLS policy for FTP

## Step 1: Create a Traffic Descriptor

The traffic descriptor details are displayed.

Use the **Close** button to close the View panel when you are finished reviewing the information.

The screenshot shows the IBM z/OS Management Facility Configuration Assistant interface. The left sidebar contains a navigation menu with options: Welcome, Notifications, Workflow Editor, Configuration (selected), Configuration Assistant, Links, and z/OSMF Settings. The main content area displays the 'View Details' panel for the 'Traffic Descriptor: FTP-Client - (VERIFY) IBM supplied: FTP Client traffic'. This panel includes a 'Close' button and a 'Printable page' button. Below the buttons, the 'Traffic Descriptor Details' are shown in a table:

| Protocol | Local Port | Remote Port | Connect Direction | Job Name | User ID | AT-TLS Configuration Index |
|----------|------------|-------------|-------------------|----------|---------|----------------------------|
| TCP      | 1024-65535 | 21          | Outbound          |          |         | 0                          |

Below the traffic descriptor table, the 'Configuration Associated with this AT-TLS Application' is shown in another table:

| AT-TLS Configuration Index | Handshake Role | Key Ring    | Certificate Label | Specify Server Certificate Labels | Server Certificate Labels | Application Controlled | Secondary Map | Handshake Timeout | Unique SSL Environment | Sysplex Caching |
|----------------------------|----------------|-------------|-------------------|-----------------------------------|---------------------------|------------------------|---------------|-------------------|------------------------|-----------------|
| 0                          | Client         | Use default |                   |                                   |                           | On                     | On            | 10 Seconds        | No                     | Off             |

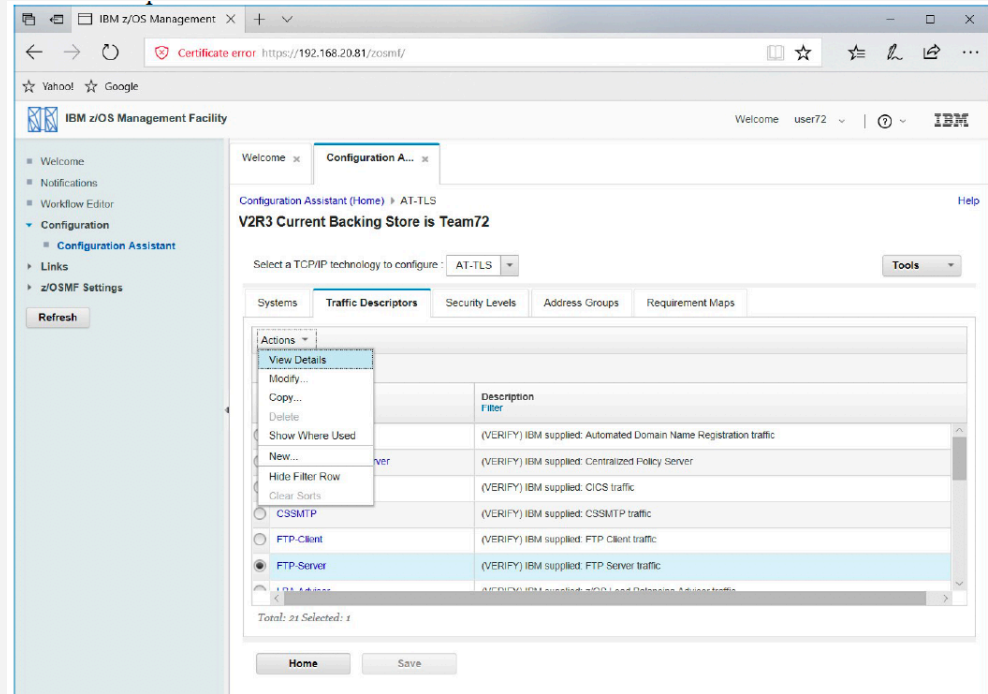
At the bottom of the panel, there are 'Close' and 'Back to Top' buttons.

# Configuring an AT-TLS policy for FTP

## Step 1: Create a Traffic Descriptor

Select the **Traffic Descriptor** tab.

Use the radio button to select the sample FTP-Server traffic descriptor and use the actions pull-down to select **View Details**.



# Configuring an AT-TLS policy for FTP

## Step 1: Create a Traffic Descriptor

The traffic descriptor details are displayed.

Use the **Close** button to close the View panel when you are finished reviewing the information.

The screenshot shows the IBM z/OS Management Facility Configuration Assistant interface. The left sidebar contains a navigation menu with options: Welcome, Notifications, Workflow Editor, Configuration (selected), Configuration Assistant (selected), Links, and z/OSMF Settings. The main panel displays the 'View Details' for the 'Configuration Assistant' under the 'AT-TLS' tab. The 'Traffic Descriptor Details' section shows the following information:

Traffic Descriptor: FTP-Server - (VERIFY) IBM supplied: FTP Server traffic

| Protocol | Local Port | Remote Port | Connect Direction | Job Name | User ID | AT-TLS Configuration Index |
|----------|------------|-------------|-------------------|----------|---------|----------------------------|
| TCP      | 21         | 1024-65535  | Inbound           | ---      | ---     | 0                          |

Below this, the 'Configuration Associated with this AT-TLS Application' section displays a table with the following columns: AT-TLS Configuration Index, Handshake Role, Key Ring, Certificate Label, Specify Server Certificate Labels, Server Certificate Labels, Application Controlled, Secondary Map, Handshake Timeout, Unique SSL Environment, and Sysplex Caching.

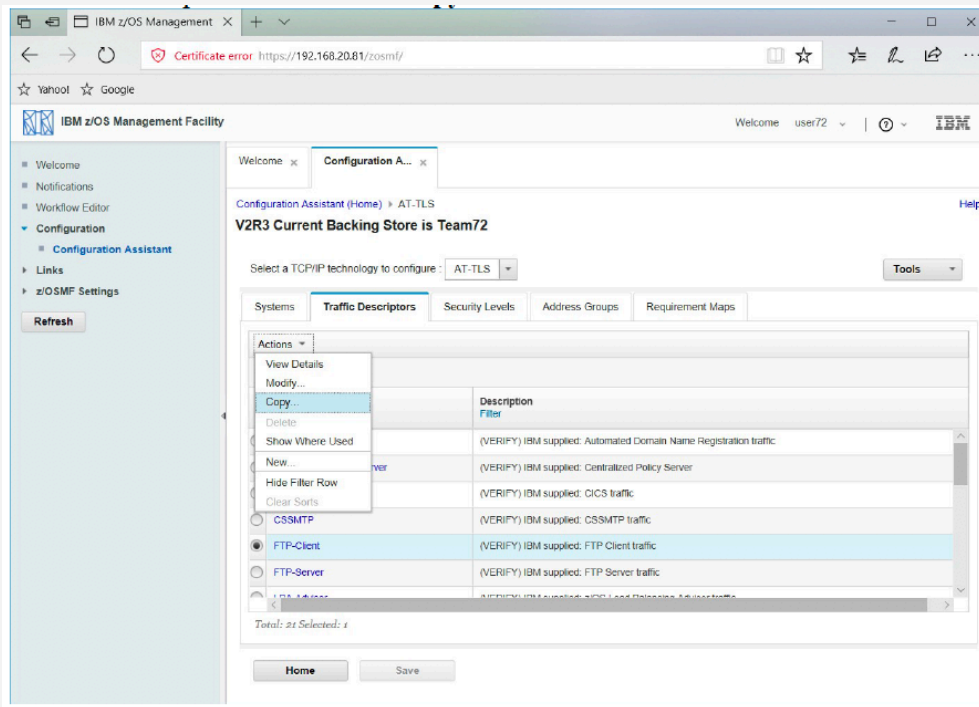
| AT-TLS Configuration Index | Handshake Role | Key Ring    | Certificate Label | Specify Server Certificate Labels | Server Certificate Labels | Application Controlled | Secondary Map | Handshake Timeout | Unique SSL Environment | Sysplex Caching |
|----------------------------|----------------|-------------|-------------------|-----------------------------------|---------------------------|------------------------|---------------|-------------------|------------------------|-----------------|
| 0                          | Server         | Use default | ---               | ---                               | ---                       | On                     | On            | 10 Seconds        | No                     | Off             |

At the bottom of the panel, there are 'Close' and 'Back to Top' buttons.

# Configuring an AT-TLS policy for FTP

## Step 1: Create a Traffic Descriptor

Use the radio button to select the sample FTP-Client traffic descriptor again and use the Actions pull-down to select **Copy**.

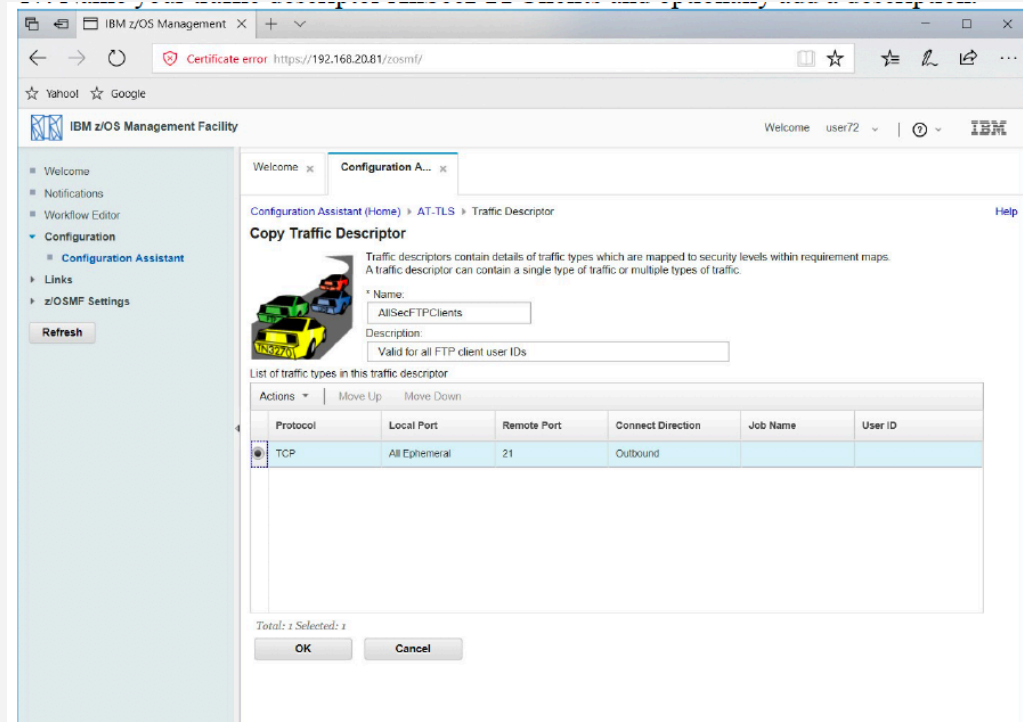


# Configuring an AT-TLS policy for FTP

## *Step 1: Create a Traffic Descriptor*

Name your traffic descriptor and optionally add a description.

Use the radio button to select the only traffic type listed (Protocol TCP, local port, all ephemeral, remote port 21, connection direction outbound).



The screenshot shows the IBM z/OS Management Facility Configuration Assistant interface. The left sidebar contains a navigation menu with options: Welcome, Notifications, Workflow Editor, Configuration, Configuration Assistant (selected), Links, and z/OSMF Settings. The main content area is titled 'Copy Traffic Descriptor' and includes a 'Name' field with the value 'AllSecFTPClients' and a 'Description' field with the value 'Valid for all FTP client user IDs'. Below these fields is a table titled 'List of traffic types in this traffic descriptor' with columns: Protocol, Local Port, Remote Port, Connect Direction, Job Name, and User ID. The table contains one row: TCP, All Ephemeral, 21, Outbound. At the bottom of the table, it says 'Total: 1 Selected: 1'. There are 'OK' and 'Cancel' buttons at the bottom right.

IBM z/OS Management Facility

Welcome user72

Configuration Assistant (Home) > AT-TLS > Traffic Descriptor

**Copy Traffic Descriptor**

Traffic descriptors contain details of traffic types which are mapped to security levels within requirement maps. A traffic descriptor can contain a single type of traffic or multiple types of traffic.

\* Name: AllSecFTPClients

Description: Valid for all FTP client user IDs

List of traffic types in this traffic descriptor

| Protocol | Local Port    | Remote Port | Connect Direction | Job Name | User ID |
|----------|---------------|-------------|-------------------|----------|---------|
| TCP      | All Ephemeral | 21          | Outbound          |          |         |

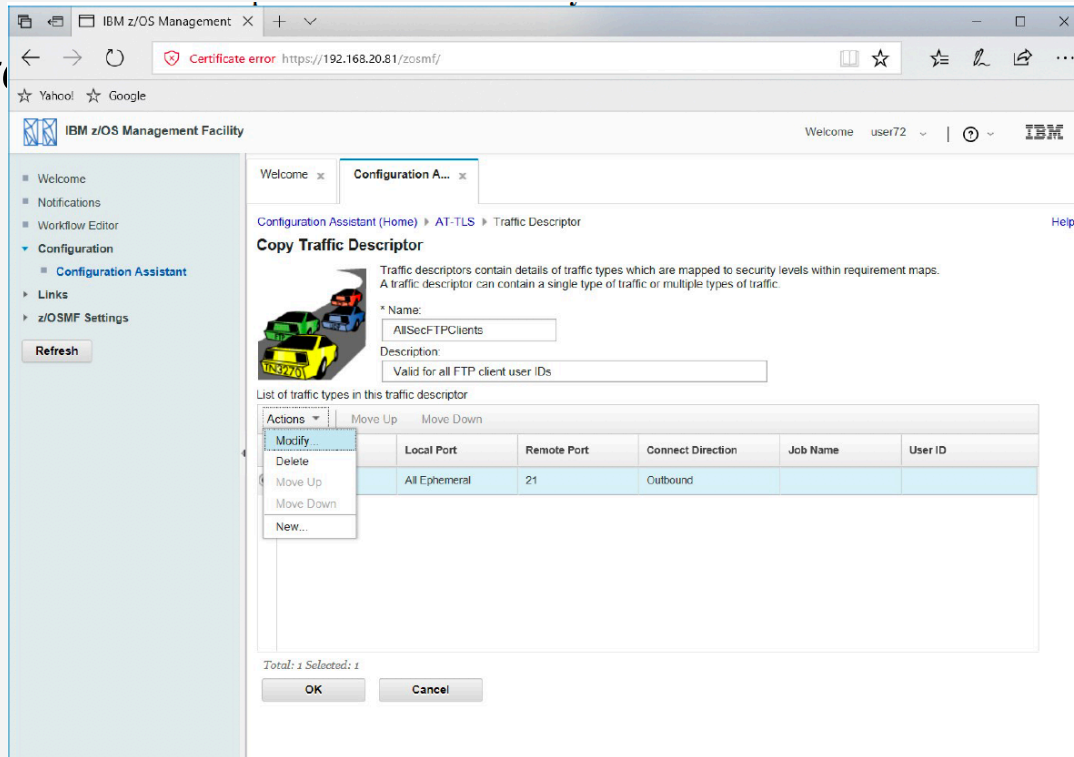
Total: 1 Selected: 1

OK Cancel

# Configuring an AT-TLS policy for FTP

## Step 1: Create a Traffic Descriptor

Use the Actions pull-down to select **Modify**.



The screenshot shows the IBM z/OS Management Facility Configuration Assistant interface. The left sidebar contains navigation links: Welcome, Notifications, Workflow Editor, Configuration, Configuration Assistant (selected), Links, and z/OSMF Settings. The main area displays the 'Copy Traffic Descriptor' dialog. The dialog has two input fields: 'Name' with the value 'AllSecFTPClients' and 'Description' with the value 'Valid for all FTP client user IDs'. Below these fields is a table titled 'List of traffic types in this traffic descriptor'. The table has columns: Local Port, Remote Port, Connect Direction, Job Name, and User ID. The first row of the table is highlighted in blue. The 'Actions' pull-down menu is open, showing options: Modify (selected), Delete, Move Up, Move Down, and New... At the bottom of the dialog, there are 'OK' and 'Cancel' buttons.

| Local Port    | Remote Port | Connect Direction | Job Name | User ID |
|---------------|-------------|-------------------|----------|---------|
| All Ephemeral | 21          | Outbound          |          |         |

# Configuring an AT-TLS policy for FTP

## Step 1: Create a Traffic Descriptor

Feel free to create rules by filtering on USERID, IP Address, etc.

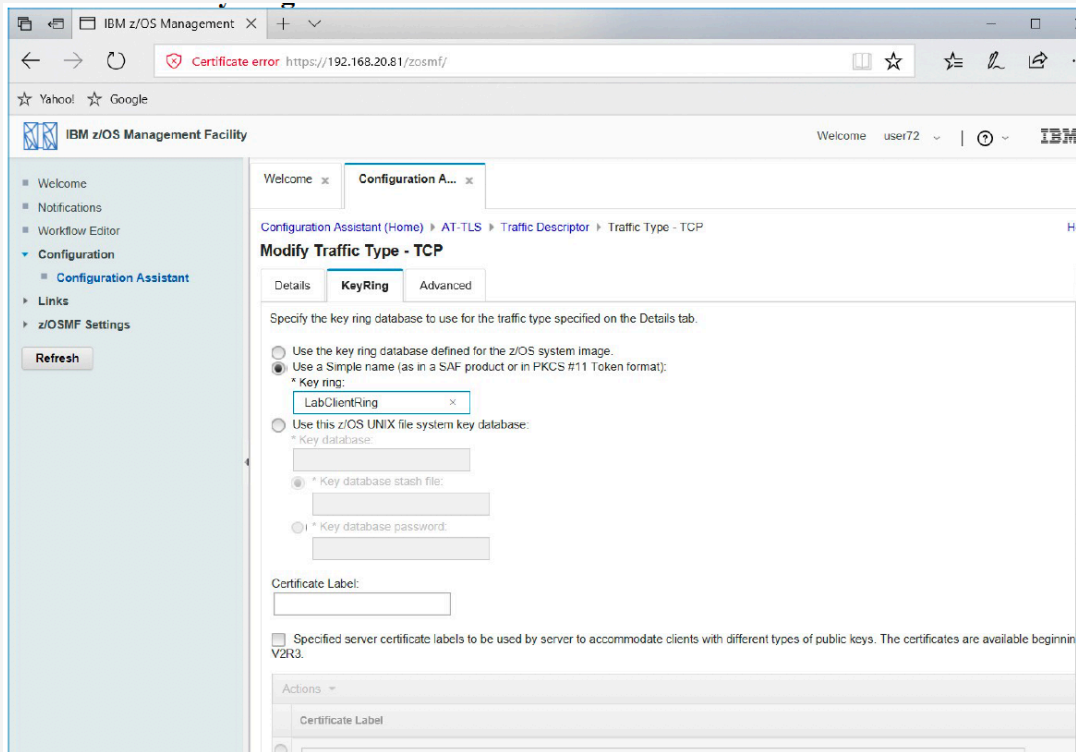
The screenshot shows the IBM z/OS Management Facility Configuration Assistant web interface. The browser address bar shows a 'Certificate error' for the URL 'https://192.168.20.81/zosmf/'. The left sidebar contains a navigation menu with options: Welcome, Notifications, Workflow Editor, Configuration (selected), Links, and z/OSMF Settings. The 'Configuration' section is expanded, showing 'Configuration Assistant' and a 'Refresh' button. The main content area displays the 'Configuration Assistant (Home) > AT-TLS > Traffic Descriptor > Traffic Type - TCP' breadcrumb. The title is 'Modify Traffic Type - TCP'. There are three tabs: 'Details' (selected), 'KeyRing', and 'Advanced'. The 'Details' tab contains two main sections: 'Local port' and 'Remote port'. Each section has three radio button options: 'All ports', 'Single port', and 'Port range'. For 'Local port', 'Single port' is selected with a value of '100'. For 'Remote port', 'Single port' is selected with a value of '21'. Below these are fields for 'Lower port' and 'Upper port' for the 'Port range' option, both set to '100' and '101' respectively. The 'Ephemeral ports' option is also present. At the bottom, there is a section 'Indicate the TCP connect direction' with radio buttons for 'Either', 'Inbound only', and 'Outbound only' (selected). Below this are input fields for 'Jobname:' and 'User ID:' with the value 'USER\*'. At the very bottom, there is a section 'AT-TLS Handshake Role' with radio buttons for 'Server' and 'Client' (selected), and a note 'Client authentication role is set in the security level'.

# Configuring an AT-TLS policy for FTP

## Step 1: Create a Traffic Descriptor

Select the **KeyRing** tab.

Select 'Use a Simple Name' and enter the name for the key ring.

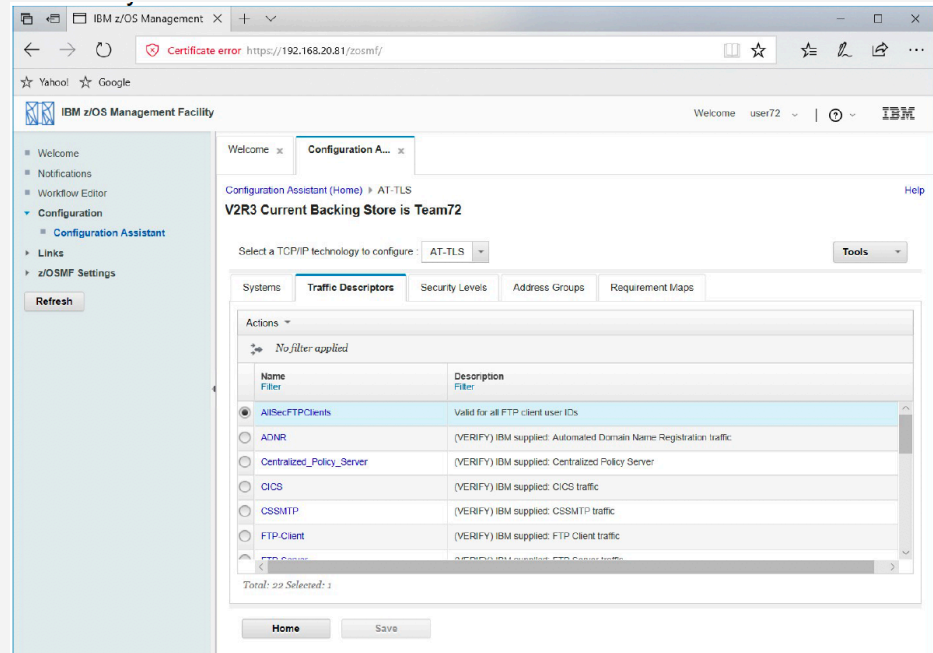


# Configuring an AT-TLS policy for FTP

## Step 1: Create a Traffic Descriptor

When you are finished, select the **OK** button twice.

Select **Save**, optionally add a description, and click on **OK**.



# Configuring an AT-TLS policy for FTP

## Step 2: Create a Security Level

Select the **Security Levels** tab.

The screenshot shows the IBM z/OS Management Facility Configuration Assistant web interface. The left sidebar contains a navigation menu with options like Welcome, Notifications, Workflow Editor, Workflows, Configuration (selected), Configuration Assistant, Links, z/OSMF Administration, and z/OSMF Settings. The main content area is titled 'Configuration Assistant (Home) > AT-TLS' and displays 'V2R3 Current Backing Store is Team72'. Below this, there's a dropdown menu to 'Select a TCP/IP technology to configure:' set to 'AT-TLS'. The 'Security Levels' tab is active, showing a table of security levels. The table has columns for Name, Cipher (First Choice), Type, and Description. The 'Permit' option is selected, showing 'None' for cipher and 'No security' for type. Other options include 'Default\_NISTCiphers\_z9', 'Default\_NISTCiphers\_z10', 'Default\_NISTCiphers\_z196zEC12', and 'Default\_NISTCiphers\_z196zEC12', all using 'AT-TLS' type and specific ciphers. At the bottom, there are 'Home' and 'Save' buttons.

IBM z/OS Management Facility

Welcome | Configuration Assistant

Configuration Assistant (Home) > AT-TLS

V2R3 Current Backing Store is Team72

Select a TCP/IP technology to configure: AT-TLS

Tools

Systems | Traffic Descriptors | **Security Levels** | Address Groups | Requirement Maps

Actions

No filter applied

| Name  | Cipher (First Choice)                        | Type        | Description   |
|---|--|-------------|---|
| <input checked="" type="radio"/> Permit             | None   | No security | IBM supplied: Traffic is allowed                      |
| <input type="radio"/> Default_NISTCiphers_z9        | 0x0067 - TLS_DHE_RSA_WITH_AES_128_CBC_SHA256 | AT-TLS      | IBM supplied: encryption for NIS                      |
| <input type="radio"/> Default_NISTCiphers_z10       | 0x006B - TLS_DHE_RSA_WITH_AES_256_CBC_SHA256 | AT-TLS      | IBM supplied: encryption for NIS                      |
| <input type="radio"/> Default_NISTCiphers_z196zEC12 | 0x006B - TLS_DHE_RSA_WITH_AES_256_CBC_SHA256 | AT-TLS      | IBM supplied: encryption for NIS client authorization |
| <input type="radio"/> Default_NISTCiphers_z196zEC12 | 0x006B - TLS_DHE_RSA_WITH_AES_256_CBC_SHA256 | AT-TLS      | IBM supplied: encryption for NIS                      |

Total: 11 Selected: 0

Home Save

# Configuring an AT-TLS policy for FTP

## Step 2: Create a Security Level

Select the security level and use Actions to view it.

When you are finished reviewing this Security Level use the **Close** button.

The screenshot shows the IBM z/OS Management Facility Configuration Assistant interface. The left sidebar contains navigation links: Welcome, Notifications, Workflow Editor, Workflows, Configuration (selected), Configuration Assistant, Links, z/OSMF Administration, and z/OSMF Settings. The main panel displays the 'Configuration Assistant (Home) > AT-TLS' page. A message states 'V2R3 Current Backing Store is Team72'. Below this, a dropdown menu allows selecting a TCP/IP technology to configure, with 'AT-TLS' selected. The 'Security Levels' tab is active, showing a table of security levels. The 'Actions' menu is open, showing options: View Details, Modify, Copy, Delete, Show Where Used, New, Hide Filter Row, and Clear Sorts. The table lists various cipher and key exchange combinations for AT-TLS, with 'AT-TLS\_Gold' selected.

|  | Cipher (First Choice)                        | Type   | Description                      |
|--|--|--------|----------------------------------|
| 196/EC12                                     | 0x006B - TLS_DHE_RSA_WITH_AES_256_CBC_SHA256 | AT-TLS | IBM supplied: encryption for NIS |
|  | 0x0025 - TLS_RSA_WITH_AES_256_CBC_SHA        | AT-TLS | IBM supplied: 3DES, AES-256 b    |
|  | 0x0035 - TLS_RSA_WITH_AES_256_CBC_SHA        | AT-TLS | IBM supplied: AES-256 bit encry  |
| <input type="radio"/> AT-TLS_Platinum        | 0x0035 - TLS_RSA_WITH_AES_256_CBC_SHA        | AT-TLS | IBM supplied: AES-256 bit encry  |
| <input checked="" type="radio"/> AT-TLS_Gold | 0x000A - TLS_RSA_WITH_3DES_EDE_CBC_SHA       | AT-TLS | IBM supplied: 3DES or AES-128 b  |
| <input type="radio"/> AT-TLS_Silver          | 0x0009 - TLS_RSA_WITH_DES_CBC_SHA            | AT-TLS | IBM supplied: 3DES, AES-128 b    |

Total: 11 Selected: 1

# Configuring an AT-TLS policy for FTP

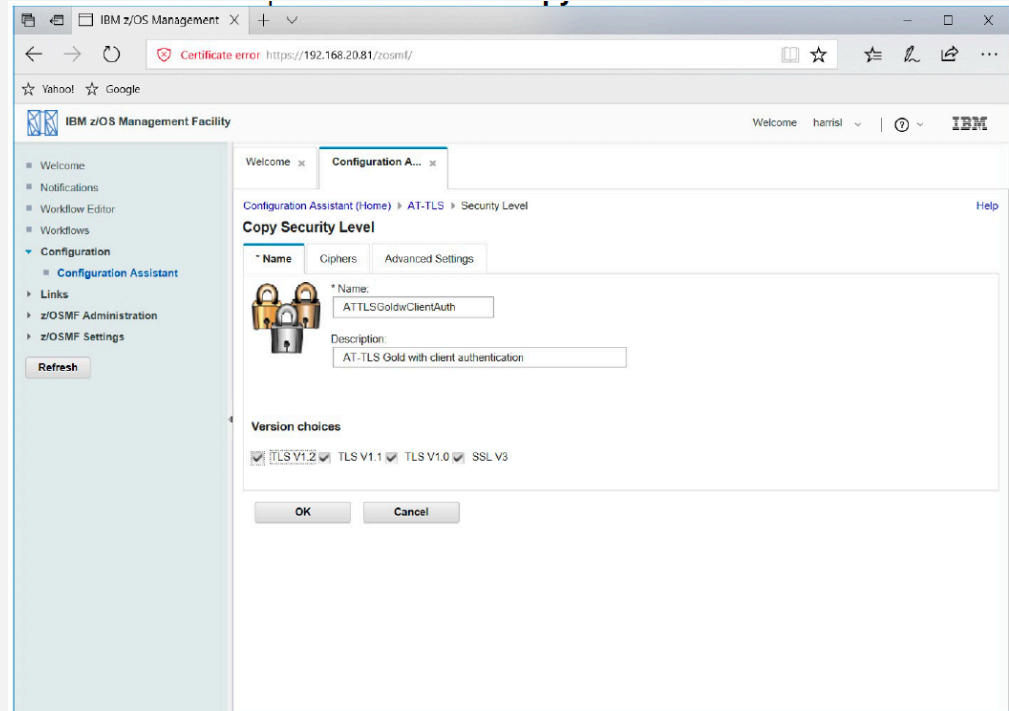
## Step 2: Create a Security Level

Use the **Actions** pull-down to select **Copy**.

Name your copy and optionally add a description.

Select **TLS V1.2** and keep **TLS V1.1** selected as well.

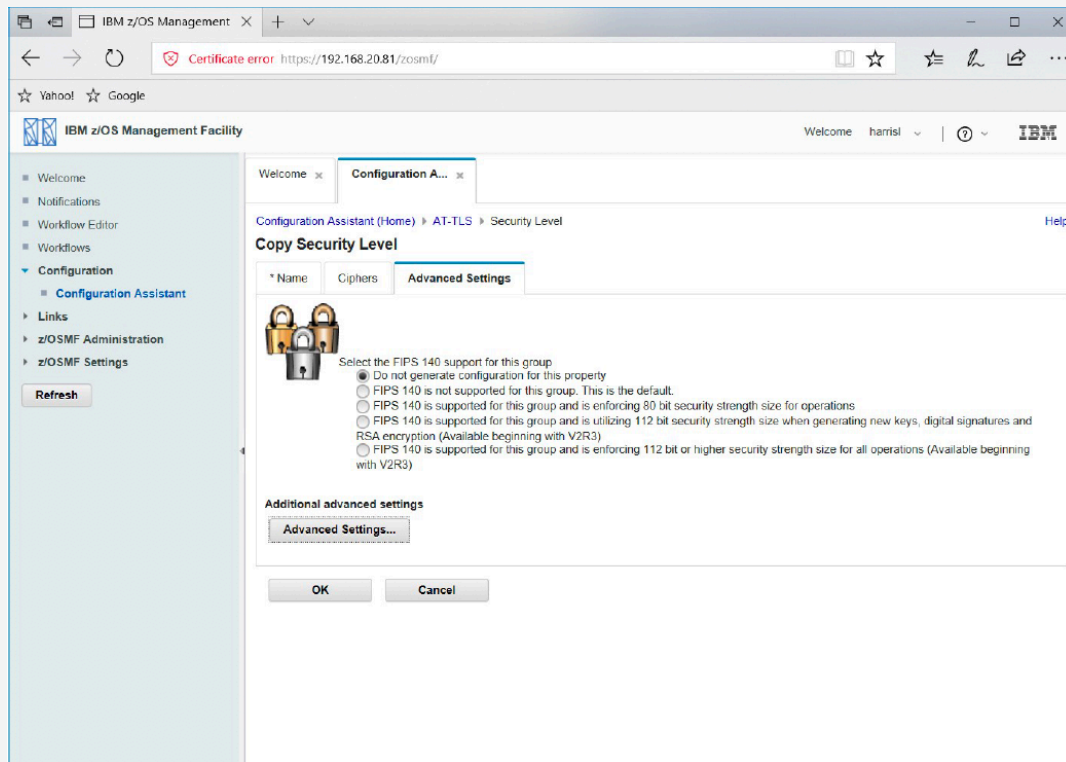
When you are finished, select the **Advanced Settings** tab.



# Configuring an AT-TLS policy for FTP

## Step 2: Create a Security Level

Select the **Advanced Settings** button.



# Configuring an AT-TLS policy for FTP

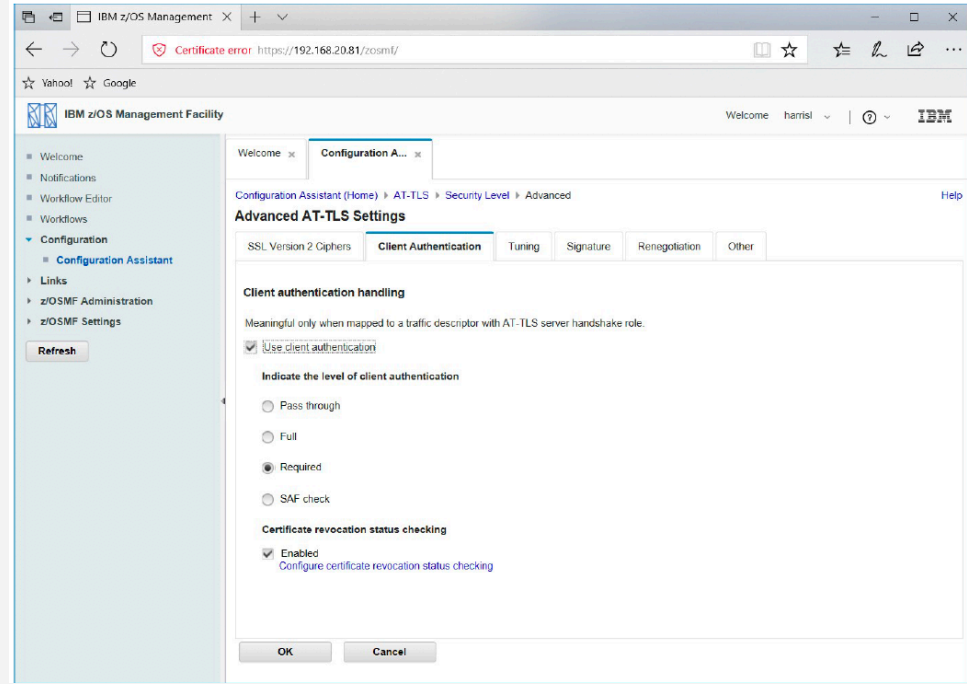
## Step 2: Create a Security Level

Select the **Client Authentication** tab.

You can select **Use Client authentication**. This means that the Server will require Client Authentication during the TLS protocol negotiation and will only establish a secured connection if the client sends a Client Certificate to the server.

Click on **OK** twice.

Click on **Save**.



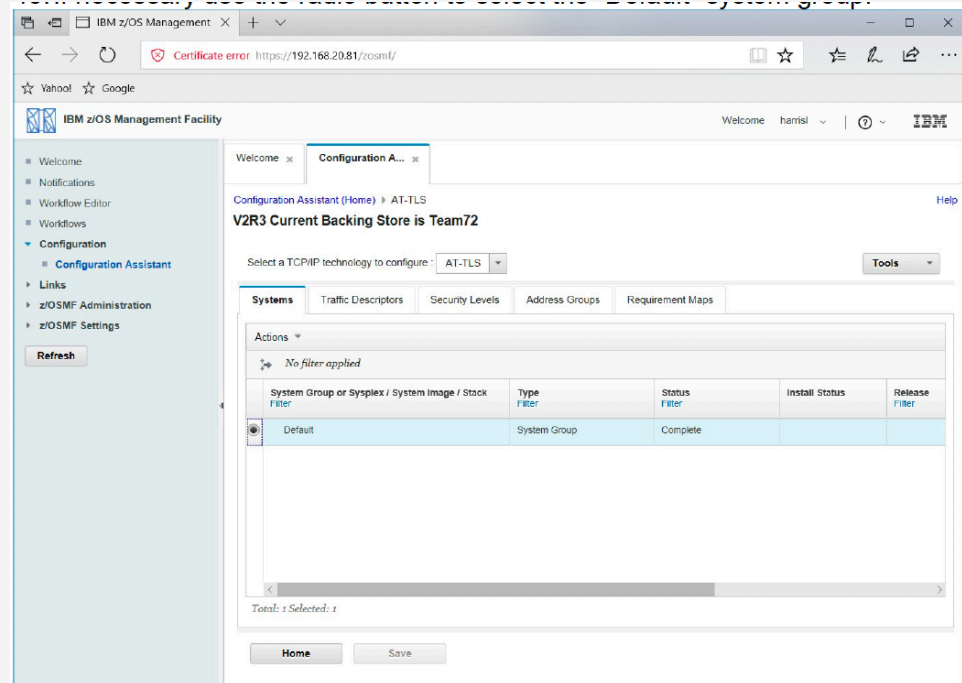
# Configuring an AT-TLS policy for FTP

## Step 3: Create a z/OS system image

Click on the **Systems** tab.

If necessary, use the technology pull-down to select AT-TLS.

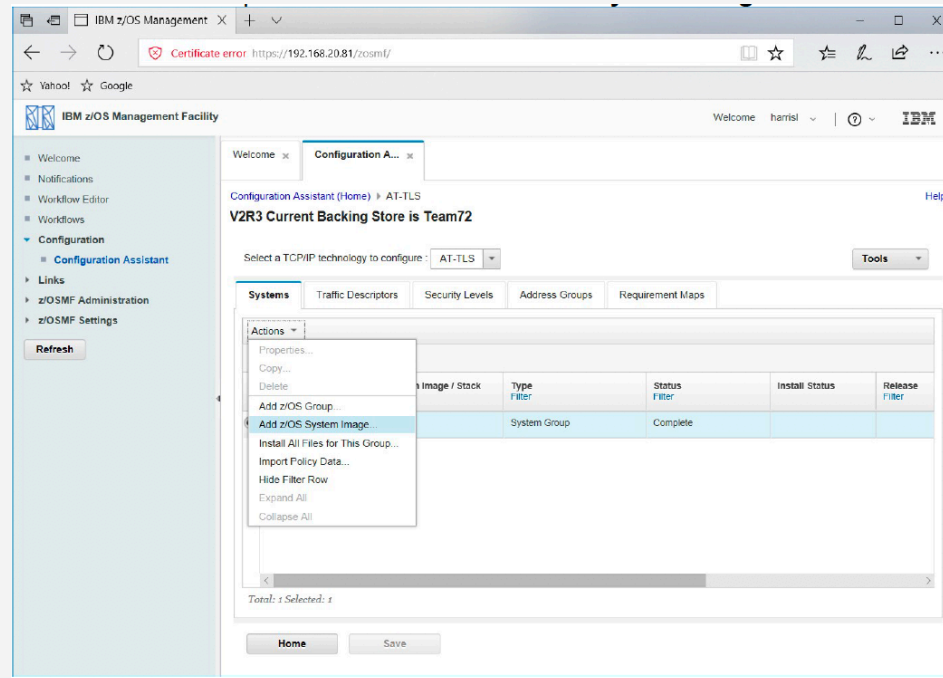
If necessary, use the radio button to select the “Default” system group.



# Configuring an AT-TLS policy for FTP

## Step 3: Create a z/OS system image

Use the Actions pull-down to select **Add z/OS System Image**.



# Configuring an AT-TLS policy for FTP

## Step 3: Create a z/OS system image

Enter your z/OS system image name.  
Optionally add a description.

Set the z/OS release to the system version your system is running on. Change the default AT-TLS key ring if needed.

Click on the **OK** button.

The screenshot shows the IBM z/OS Management Facility Configuration Assistant web interface. The left sidebar contains a navigation menu with options: Welcome, Notifications, Workflow Editor, Workflows, Configuration (selected), Links, z/OSMF Administration, and z/OSMF Settings. The 'Configuration' section is expanded, showing 'Configuration Assistant' and a 'Refresh' button. The main content area displays the 'Add z/OS System Image' dialog. The dialog has the following fields and options:

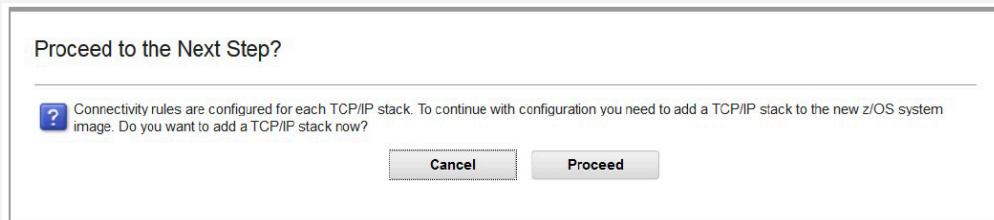
- Name:** A text input field containing 'ZOS7'.
- Description:** A text input field containing 'z/OS system 7'.
- z/OS Release:** A dropdown menu showing 'V2R3'.
- Default AT-TLS key ring database:** A section with two radio button options:
  - Simple name (as in an SAF product or in PKCS #11 token format):** Selected. It includes a sub-label '\* Key ring:' and a text input field containing 'FTPDServerRing1'.
  - Key database is a z/OS UNIX file system file:** Unselected. It includes a sub-label '\* Key database:' and three input fields: '\* Key database slash file:', '\* Key database path:', and '\* Key database password:'.

At the bottom of the dialog are 'OK' and 'Cancel' buttons.

# Configuring an AT-TLS policy for FTP

## *Step 3: Create a z/OS system image*

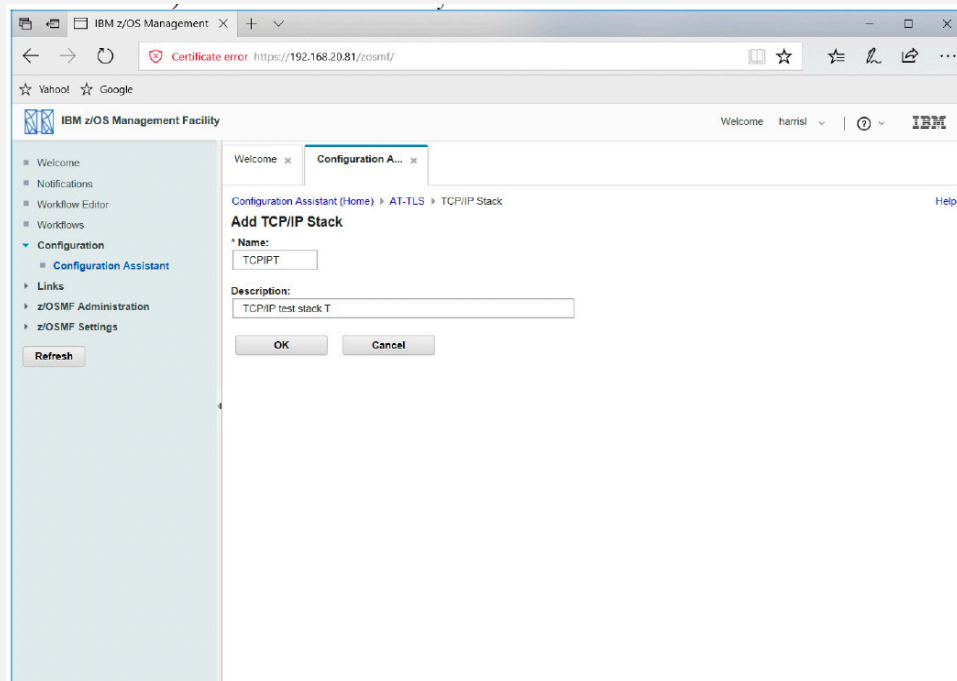
You have created a z/OS system so you will be prompted to create a TCP/IP stack. Click on the **Proceed** button.



# Configuring an AT-TLS policy for FTP

## *Step 4: Create a TCP/IP stack*

Enter the TCP/IP stack name. Optionally add a description. Leave the default for dynamic tunnels. Click on the **OK** button.

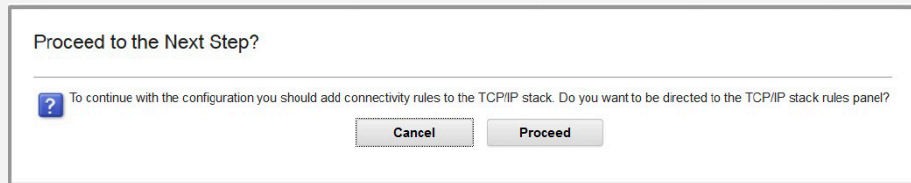


The screenshot shows a web browser window with the URL <https://192.168.20.81/zosmf/>. The page title is "IBM z/OS Management Facility". The left sidebar contains a navigation menu with the following items: Welcome, Notifications, Workflow Editor, Workflows, Configuration (expanded), Configuration Assistant (selected), Links, z/OSMF Administration, and z/OSMF Settings. A "Refresh" button is located at the bottom of the sidebar. The main content area shows the "Configuration Assistant" tab. The breadcrumb trail is "Configuration Assistant (Home) > AT-TLS > TCP/IP Stack". The "Add TCP/IP Stack" dialog is displayed, with the following fields: "Name:" with the value "TCPIPT" and "Description:" with the value "TCP/IP test stack T". There are "OK" and "Cancel" buttons at the bottom of the dialog.

# Configuring an AT-TLS policy for FTP

## *Step 4: Create a TCP/IP stack*

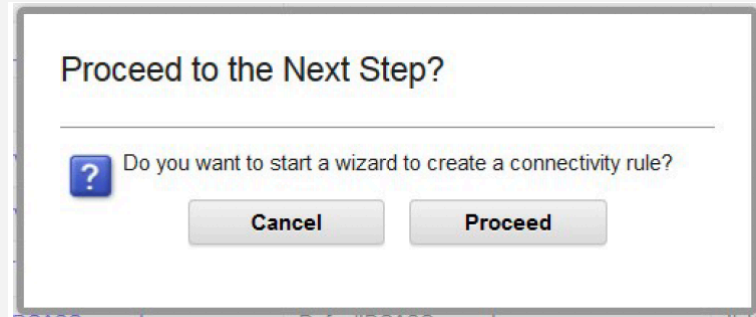
You have created a TCP/IP stack so you will be prompted to create a connectivity rule. Click on the **Proceed** button.



# Configuring an AT-TLS policy for FTP

## *Step 4: Create a TCP/IP stack*

You will be prompted to use a wizard to create your connectivity rule. Click on the **Proceed** button.



# Configuring an AT-TLS policy for FTP

## Step 5: Create a connectivity rule

Name your new Connectivity Rule.

Select the address groups of the host endpoints of the traffic you want to protect.

Press **Next** button.

The screenshot shows the IBM z/OS Management Facility Configuration Assistant web interface. The browser address bar shows a certificate error for the URL https://192.168.20.81/zosmf/. The left sidebar contains a navigation menu with options like Welcome, Notifications, Workflow Editor, Workflows, Configuration (selected), Configuration Assistant, Links, z/OSMF Administration, and z/OSMF Settings. The main content area is titled 'New Connectivity Rule' and includes a 'Data Endpoints' section. Under 'Data Endpoints', there are two columns: 'Local data endpoint' and 'Remote data endpoint'. Each column has a radio button for 'Address group' and a dropdown menu. The 'Local data endpoint' dropdown is set to 'All IPv4 Addresses' and the 'Remote data endpoint' dropdown is set to 'All IPv4 Addresses'. Below each dropdown, there is a text input field for 'IPV4 or IPV6 address, subnet, or range:'. The 'Local data endpoint' field contains '2.168.20.101-192.168.20.107' and the 'Remote data endpoint' field contains '2.168.20.101-192.168.20.107'. Below each text input field, there are examples of valid input formats. At the bottom of the form, there are four buttons: '< Back', 'Next >', 'Finish', and 'Cancel'.

# Configuring an AT-TLS policy for FTP

## Step 5: Create a connectivity rule

Notice that you may create your own Requirement Map or use the sample the tool provides (*AT-TLS\_Sample*).

The sample may or may not meet your needs. You are able to create a new one by selecting **Create a new requirement map**.

Click on **Next** button. Click **Finish, Close, Save**.

Optionally, add a comment and click on **OK**.

The screenshot shows the IBM z/OS Management Facility Configuration Assistant interface. The left sidebar contains a navigation menu with options like Welcome, Notifications, Workflow Editor, Workflows, Configuration (with Configuration Assistant selected), Links, z/OSMF Administration, and z/OSMF Settings. The main panel displays the 'New Connectivity Rule' configuration screen. It includes a 'Requirement Map' section with radio buttons for 'Create a new requirement map' and 'Select an existing requirement map'. The 'Select an existing requirement map' option is chosen, and a dropdown menu shows 'AT-TLS\_Sample - IBM supplied: AT-TLS sample: CICS and TN3270'. Below this, there are fields for 'Name' and 'Description'. A 'Mappings table' section contains a table with columns for 'Traffic Descriptor' and 'Security Level', each with a dropdown menu. At the bottom, there are buttons for '< Back', 'Next >', 'Finish', and 'Cancel'.

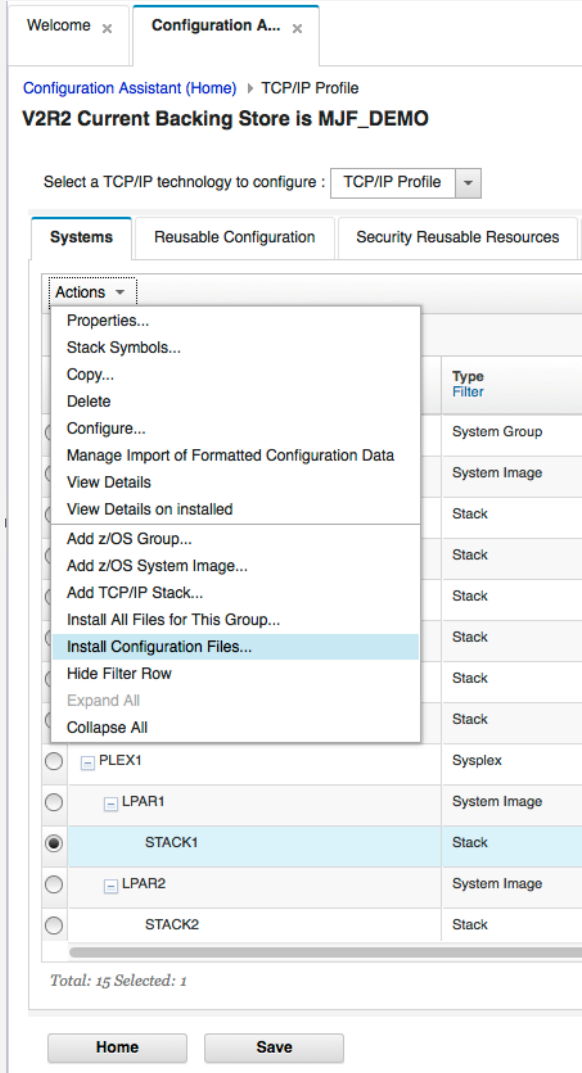
| Traffic Descriptor          | Security Level          |
|-----------------------------|-------------------------|
| Select a traffic descriptor | Select a security level |
| Select a traffic descriptor | Select a security level |

# Configuring an AT-TLS policy for FTP

## Step 6: Installing the configuration

Installing the configuration means generating the TCP/IP profile and putting it in place, to be read next time the stack starts.

Use the radio button to select your stack. Click on the **Actions** menu and select 'Install Configuration Files'.



# Configuring an AT-TLS policy for FTP

## Step 6: Installing the configuration

Use the **Actions** pull-down to select **Configuration Summary**.

The screenshot shows the IBM z/OS Management Facility Configuration Assistant interface. The left sidebar contains a navigation menu with options: Welcome, Notifications, Workflow Editor, Configuration (selected), Configuration Assistant (sub-selected), Links, and z/OSMF Settings. A 'Refresh' button is located below the menu. The main content area displays the 'List of Configuration Files for Stack TCP/IP in Group Default' table. The 'Actions' pull-down menu is open, showing options: Show Configuration File..., Install..., and Configuration Summary... (highlighted). The table has columns: Action, File Name, Host Name, and Last Inst. The selected row shows 'policy' as the action, 'etc/cfgasst/v2r3/ZOS7/TCP/IP/ItsPol' as the file name, and 'Never' as the last instance.

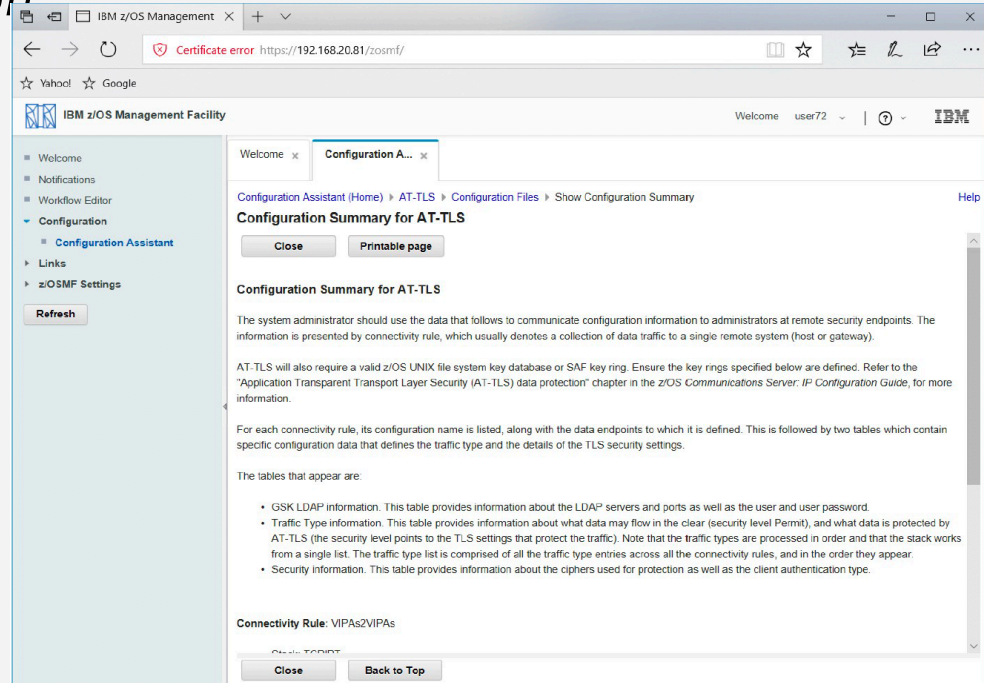
| Action                   | File Name                           | Host Name | Last Inst |
|--------------------------|-------------------------------------|-----------|-----------|
| Configuration Summary... | etc/cfgasst/v2r3/ZOS7/TCP/IP/ItsPol |           | Never     |

# Configuring an AT-TLS policy for FTP

## Step 6: Installing the configuration

This panel summarizes the configuration information in a format that can be helpful to the administrator and remote connection partners.

When you finish reviewing the panel, use the **Close** button.



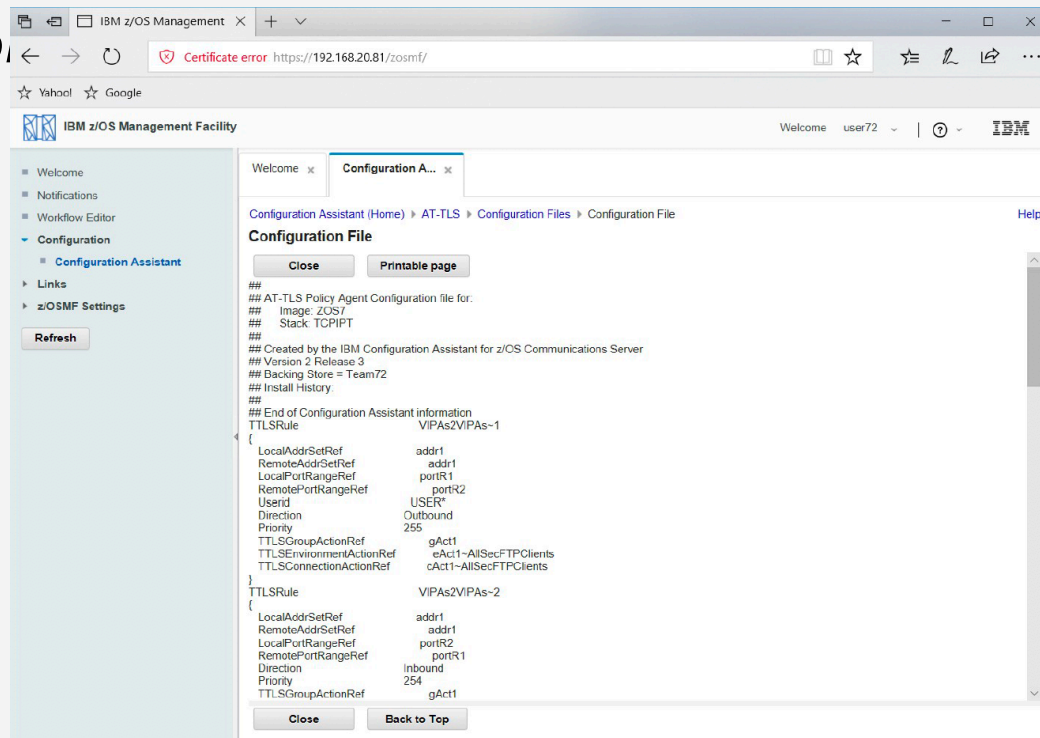
# Configuring an AT-TLS policy for FTP

## Step 6: Installing the configuration

Use the **Actions** pull-down to select **Show Configuration File**.

This is the policy file that you will next send (FTP) to your z/OS system to use.

When you finish reviewing the panel, use the **Close** button.



# Configuring an AT-TLS policy for FTP

## Step 6: Installing the configuration

Use the Actions pull-down to select “Install”.

You can either save it to the file system of the image that z/OSMF is running on or FTP it to another image.

Once you select the installation method and provide the necessary information, click **Go**.

