

**Foglight™ 5.6.0**

Managing Oracle E-Business Systems  
User and Reference Guide



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#### Legend

 **CAUTION:** A CAUTION icon indicates potential damage to hardware or loss of data if instructions are not followed.

 **WARNING:** A WARNING icon indicates a potential for property damage, personal injury, or death.

 **IMPORTANT NOTE, NOTE, TIP, MOBILE, or VIDEO:** An information icon indicates supporting information.

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# Contents

Using the Cartridge for Oracle E-Business	7
Agent Framework Components	7
SQLRunner Framework	7
Toad Reports Overview	8
Prerequisites	8
Pre-Setup Reports	9
General Reports	9
Completion Task Reports	9
OEBDatabase Agent Overview	10
HealthCheck Collections	10
Other Collections	10
Creating an Oracle Database User	10
OEBDatabase Agent Properties	10
Setting the Data Management Properties	11
Setting the Connection Details	12
Setting the Uptime Properties	13
Setting the General Properties	13
Setting the Concurrent Request (1) Properties	16
Setting the Concurrent Request (2) Properties	18
Setting the Full Service Properties	20
Setting the Self Service (1) Properties	21
Setting the Self Service (2) Properties	22
Setting the Workflow (1) Properties	23
Setting the Workflow (2) Properties	24
Setting the HealthCheck Properties	26
Setting the Advanced Settings Properties	29
Object Monitor Overview	30
Listing Objects Being Monitored	31
Adding Objects To Be Monitored	31
Suspending Objects Temporarily	31
Monitoring Views	31
Example	31
Creating Charts and Rules	32
HealthCheck Entries Overview	32
Adding Records to the Summary Table	32
Example	33
Creating Watched Manager Views	33
Creating an Oracle User	33
<b>Reference</b>	<b>35</b>
HealthCheck Components	35
HC:001 - Aged Application Accounts	35
HC:002 - Accounts That Will End Date	36
HC:003 - Cost Based Optimizer Stats Check	36

HC:004 - Unsuccessful Full Service Logins . . . . .	38
HC:005 - Concurrent Manager Process Check . . . . .	39
HC:006 - Concurrent Manager Control Program Check . . . . .	39
HC:007 - Maintenance Mode . . . . .	40
HC:008 - Unsuccessful Self Service Logins . . . . .	41
HC:009 - Standard Purge Check . . . . .	42
HC:010 - Program Check . . . . .	43
HC:011 - Patch Check . . . . .	44
HC:012 - Index Check . . . . .	44
HC:013 - OAM Service . . . . .	45
HC:014 - GL Optimizer . . . . .	46
HC:015 - GL Unposted Batches . . . . .	47
HC:016 - Inventory Interface . . . . .	47
HC:017 - Receivables Interface . . . . .	48
HC:018 - Invalid Objects . . . . .	48
HC:019 - Blocking Locks . . . . .	49
HC:020 - Dead Sessions . . . . .	50
HC:021 - Site Details . . . . .	50
HC:022 - On Hold Requests . . . . .	51
Turning Off Individual HealthCheck Items . . . . .	51
OEB Database Agent Views . . . . .	53
Application Account Views . . . . .	53
Application Response Time Views . . . . .	55
Availability Views . . . . .	59
CR—Completed Requests Views . . . . .	63
CR—Concurrent Requests Views . . . . .	73
OM—Object Monitor Views . . . . .	84
USERS Views . . . . .	87
UT—Uptime Views . . . . .	103
WF—Workflow Views . . . . .	113
Rules . . . . .	125
Cartridge for Oracle E-Business Suite Rules Table . . . . .	125
Data . . . . .	127
AccountActivity . . . . .	128
ActiveAccounts . . . . .	128
AgentMessages . . . . .	129
ApplicationConfiguration . . . . .	129
ApplicationResponseTime . . . . .	129
ApplicationResponseTimeHistory . . . . .	130
Availability . . . . .	130
CompletedProgramWatcher . . . . .	131
CompletedRequests . . . . .	131
CompletedRequestsHistory . . . . .	132
DuplicateRequests . . . . .	133
FullServiceActivity . . . . .	133
FullServiceActivityAccumulative . . . . .	133
FullServiceHistory . . . . .	134
HealthCheck . . . . .	134

LongRunningRequests	135
LongRunningWorkflows	135
OAMMessages	135
ObjectMonitor	136
OverdueWorkflowNotices	136
RequestLogAndOutSpace	137
RequestLogAndOutSpaceHistory	137
RunningAndPendingRequests	138
RunningAndPendingRequestsByManager	138
RunningProgramWatcher	139
SelfServiceActivity	139
SelfServiceActivityAccumulative	140
SelfServiceHistory	141
SelfServiceLimitCheck	141
UptimeDaily	141
UptimeMonthly	142
WorkflowItemActivity	143
WorkflowPurgeEstimates	144
WorkflowRuntimeHistory	145
Toad Reports	145
Importing Reports into Toad	145
Foglight OEBS V5	145
Foglight OEBS V5 Agent Properties	173
Foglight OEBS V5 Agent Property Lists	178
Quest Foglight OEBS V5 Agent Support	182

# Using the Cartridge for Oracle E-Business

This cartridge contains one agent (OEEDatabase), Toad Reports and many peripheral files. It monitors the business activity within an Oracle E-Business Suite installation by connecting to, and querying, the Oracle database application tables.

The monitoring of the technical components used by the application (such as web servers, operating system components and the Oracle database itself) needs to be done from the relevant Foglight for Oracle E-Business Suite cartridge.

For more information, refer to [OEEDatabase Agent Overview](#) on page 10.

## Agent Framework Components

The Cartridge for Oracle E-Business Suite provides an agent framework which incorporates many components, including:

- Automatic exception handling and reporting through an AgentMessages table. This provides error messages when collections fail (for example, due to missing grants, passwords or permissions, and so on) and when problems occur in the monitored resource that need to be reported to end users.
- Built-in persistency to allow agents to be stopped and 'remember' their previous state/history.
- An advanced and configurable scheduling system for agent sampling.
- A built-in communications layer that allows for easy communication with other monitoring resources, such as SQLRunner.

## SQLRunner Framework

SQLRunner is a tool that handles the communication between Foglight agents and the Oracle databases they are monitoring. It allows all the SQL and PL/SQL that the agent might need for collecting to be externalized into files under the Foglight installation. This externalization takes the form of two different types of file: FOP files and XML files, which are described in the next sections.

## FOP Files

These files reside in the cartridge's script directory (*script/OEB/<version>/OEEDatabase* under the cartridge installation). Through the use of subdirectories, named with Oracle and OEBS version numbers, specific versions of these files can be loaded automatically, depending on the Oracle and/or OEBS versions being monitored.

These files are Oracle SQL and/or PL/SQL files, except they must also obey internal formatting in comment lines to allow the agent to do some interpretation. These files are run by the agent (see installation instructions for the exceptions), but they can be executed in SQLPlus if necessary.

These files are responsible for creating needed grants and objects within the database that the agent is connecting to.

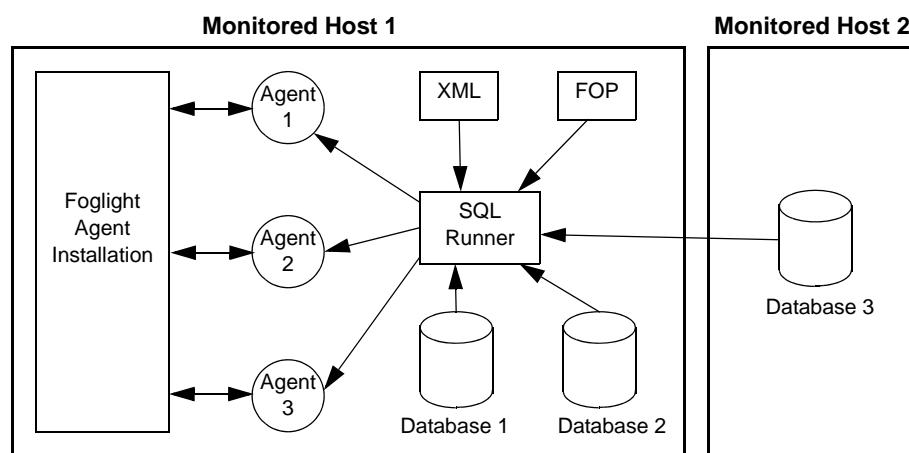
## XML Files

XML (eXtensible Markup Language) files are located in the `config/SQLRunner/DefaultSQL` directory and are loaded by SQLRunner when it is first started. These files contain the SQL used during agent execution, and allow for statements to include automatic variation for different versions of the Oracle instance to which SQLRunner is connecting.

**TIP:** Neither the FOP nor XML files should be modified without Dell Software Development involvement, since modification may break monitoring.

SQLRunner is a multi-threaded application that allows for any number of Oracle-based agents to connect to any Oracle instance within the enterprise. Accordingly, there is only one SQLRunner process running per Foglight client.

**Figure 1.** The relationship between the Oracle instances (Databases 1, 2, and 3), the SQLRunner application (and XML and FOP related files), and Oracle cartridge agents (Agents 1, 2, and 3)



## Toad Reports Overview

Toad reports are used for:

- Assistance with configuration of OEBDatabase agent properties. For more information, see [Pre-Setup Reports](#) on page 9.
- Deeper analysis and diagnosis for problem resolution. For more information, see [General Reports](#) on page 9.
- Dell Support to assist with troubleshooting. For more information, see [Completion Task Reports](#) on page 9.

## Prerequisites

Toad 9.1 is required for execution of Toad reports for Foglight for Oracle E-Business Suite.

For instructions on loading the Toad reports into the Toad Report Manager, refer to [Importing Reports into Toad](#) on page 145.

**NOTE:** The user created for Foglight should also have all the permissions required to run the Toad reports.




## Pre-Setup Reports

Prior to commencing the property setups, run the following Toad reports. For information on the different functions of Toad reports, refer to the specific Toad report's section in this guide.

- **Report: Foglight OEBS V5 Agent Support - Install - Installed Products (Foglight)**  
Lists installed FOP files.
- **Report: Foglight OEBS V5 Agent Support- Application Information**  
Provides basic application information, such as versions. The most important is the Sign-On Audit Level. This must be set to either Responsibility or Form Level to collect full service usage information.

The following reports check for the existence of the required Foglight application side objects and provide a list of objects created on the application database:

- Report: Foglight OEBS V5 Agent Support - Install - Function Check
- Report: Foglight OEBS V5 Agent Support - Install - Package Check
- Report: Foglight OEBS V5 Agent Support - Install - Table Check
- Report: Foglight OEBS V5 Agent Support - Install - Grant Check
- Report: Foglight OEBS V5 Agent Support - Install - Synonym Check
- Report: Foglight OEBS V5 Agent Support - Install - Type Check
- Report: Foglight OEBS V5 Agent Support - Install - View Check

 **NOTE:** Keep a copy of all reports generated because this information can be used by Dell Support to reference the initial site setup.

## General Reports

The Foglight for Oracle E-Business Suite comes with a number of Toad reports to provide general application information and aid in the configuration of the cartridge properties.

For a full list of the available general reports, refer to the Toad Reports section of this guide. This cartridge contains one agent (OEBCartridge), Toad Reports and many peripheral files. It monitors the business activity within an Oracle E-Business Suite installation by connecting to, and querying, the Oracle database application tables.

The monitoring of the technical components used by the application (such as web servers, operating system components and the Oracle database itself) need to be done from the relevant Foglight for Oracle E-Business Suite cartridge.

For more information, refer to [OEBCartridge Agent Overview](#) on page 10.

## Completion Task Reports

When all agent properties are configured and the agent collects at least once, run the Toad reports in each of the following report categories:

- Toad Reports - FOGLIGHT OEBS V5 Agent Support
- Toad Reports - FOGLIGHT OEBS V5 Agent Properties
- Toad Reports - FOGLIGHT OEBS V5 Agent Property Lists

Copies of these reports should be retained as support references. For details, refer to the specific Toad reports section in this guide.

# OEEDatabase Agent Overview

The OEEDatabase Agent lets Foglight for Oracle E-Business Suite users continuously monitor the Oracle E-Business Suite application activity and usage.

The agent collects information and reports on the activity of your Oracle E-Business Suite application including concurrent managers, user connections, and workflow activity.

The number and type of Oracle Applications services is dependent on the Oracle Applications version and the architectural implementation. For an overview of the way than an agent collects data from an instance, see [Agent Framework Components](#) on page 7.

Foglight for Oracle E-Business Suite provides the ability to monitor running and pending requests for one or more selected concurrent managers. For details on configuring Foglight to monitor one or more concurrent managers, see [Creating Watched Manager Views](#) on page 33.

## HealthCheck Collections

The OEEDatabase Agent comes with a HealthCheck function consisting of 22 components. All components are listed in the [HealthCheck Components](#) section of this guide.

## Other Collections

Views in the OEEDatabase Agent collect application activity information for the agent to report on. Foglight for Oracle E-Business Suite views are listed in the [OEB Database Agent Views](#) chapter of this guide.

## Creating an Oracle Database User

The OEEDatabase Agent does not create the Oracle database user required for the monitoring of the application. A user must be created. For more information, see [Creating an Oracle User](#) on page 33.

# OEEDatabase Agent Properties

When an agent connects to the Foglight Management Server, it is provided with sets of properties that it uses to configure its correct running state.

Each agent is provided with a combination of two types of properties: Agent, and Shareable.


Default versions of these properties are installed with the Cartridge for Oracle E-Business Suite. However, you can edit the default shareable and agent properties, configure agent properties that apply only to a specific agent instance, and create edited clones of shareable properties that are used by a subset of the agents of a certain type.

For more information about working with agent properties, see the *Foglight Administration and Configuration Guide*.

The OEEDatabase Agent is shipped with default properties that can be modified to suit your system requirements.

### *To modify agent properties:*

- 1 Ensure that the navigation panel on the left is open.

To open the navigation panel, click the right-facing arrow on the left .

- 2 Open the dashboard that lets you navigate to the agent properties by completing one of the following steps:

- On the navigation panel, under Dashboards, click **Administration > Agents > Agent Properties**.  
In the Agent Properties dashboard, in the Namespace > Type pane, select **Legacy > OEBDATABASE**.

or

- On the navigation panel, under Dashboards, click **Administration > Agents > Agent Status**.  
In the Agent Status dashboard, select the instance of the OEBDATABASE agent whose properties you want to modify and click **Edit Properties**.

A list of agent properties appears in the OEBDATABASE pane.

The position of the Properties pane depends on the dashboard you used to access agent properties. If you used the Agent Properties dashboard, the Properties pane appears to the right of the Namespace > Type pane in the display area. If you used the Agent Status dashboard, the Properties pane appears across the display area.

## Setting the Data Management Properties

Use the Data Management set of agent properties to set the way that the OEBDATABASE Agent collects the data.

### *To set the data management properties:*

- Go to the Data Management set of properties.
- Select the list from the **Sample Interval List** that you want to update.

**NOTE:** If required, sample Interval Lists can be created (see the Foglight *Administration and Configuration Guide*).

- Click **Edit**.  
A secondary property list appears.
- Add an entry to the list by clicking **Add Row**.  
Fill in the dialog box fields:

- a **Foglight Table**—name of the Sample Interval List table.
- b **Frequency**—the sample interval. You can choose a fixed sample period (for example, every 5 minutes) or schedule a collection to occur at a fixed time of day, every day.
- c **Hour Of Day**—allows you to set the hour of the day at which the sample is collected. This value is used if the Frequency property is set to **(Time of Day)**.
- d **Minute Of Hour**—allows you to set the minute of the hour at which the sample is collected. This value is used if the Frequency property is set to **(Time of Day)**.
- e **Sample On Startup**—set this radio button to True when the agent is to schedule this collection immediately after the agent starts or restarts.
- f **Debug**—set this radio button to True when enabling agent sample debugging. See [Setting the Advanced Settings Properties](#) on page 29 for more information about turning on agent debugging.

5 Click **Save Changes**.

6 Select the DAP (Database Active/Passive) Mode from the **DAP Mode** list.

The DAP Mode property identifies which agent, by default, is to collect the database-level metrics from an Oracle RAC (Real Application Cluster) configuration.

This setting is only applicable when the Oracle instance being connected to is part of a RAC configuration. The agent framework allows you to deploy multiple agents to different instances in the RAC, but only collect the information from one instance, unless there is a failure on that instance ( the node is down).

The options are:

- **Active**—specifies the agent where you want the data to come from. This value is assigned to a single agent.
- **Automatic**—specifies the backup collection agents. These automatic agents act as backups if the Active agent is no longer doing the monitoring. Once the agent marked as Active begins monitoring again, the backup agent(s) stops collecting.

The agent properties used for sampling when an Automatic agent takes over are the values set for the agent marked as Active. In other words, the domain-specific properties of Automatic agents are ignored.

7 Select the DAP Time-out period from the **DAP Timeout** list.

If the Active agent isn't monitoring for this set amount of time, one of the Automatic agents takes over.

8 Click **Save**.

9 Go to the [Setting the Connection Details](#) section.

## Setting the Connection Details

Use the Connection set of agent properties to specify how the agent connects to the database of the OEBS application. You need to fill in specific agent properties for the agent to be able to connect.

### *To set the connection details:*

- 1 Go to the **Connection** set of properties.
- 2 Type the username that the agent is to use to connect to the Oracle instance being monitored, in the **Username** box.  
  
This username needs the correct permissions to perform its sampling. For more information, see [Creating an Oracle User](#) on page 33.
- 3 Type the password that the agent is to use to connect to the Oracle instance being monitored, in the **Password** box.
- 4 Type the name of the Oracle instance being monitored, in the **Instance Name** box.

- 5 Type the port number for connecting to the Oracle instance, in the **Port Number** box.
- 6 Type the machine (computer) name or IP address of the host that the Oracle instance is running on, in the **Machine Name** box.
- 7 Type the service name to be used for the connection, in the **Service Name** box.
- 8 Type the Oracle home directory of the Oracle instance being monitored, in the **Oracle Home** box.

This is the ORACLE\_HOME setting that the Oracle instance is running out of. This is mainly for informational purposes. If the Oracle instance is running on the same computer as the agent (see the **Instance Location** list), this directory is checked for validity.
- 9 Choose the location of the Oracle instance from the **Instance Location** list. The options are:
  - **Local**—specifies that the Oracle instance is on the same computer as the agent.
  - **Remote**—specifies that the Oracle instance and agent are on separate computers, and that the agent is remotely monitoring the instance.
- 10 Click **Save**.
- 11 Go to the [Setting the Uptime Properties](#) section.

## Setting the Uptime Properties

Use the Uptime set of agent properties to specify the Uptime collection to run:

- Once per day and reports on the uptime for the prior day.
- Once per month and reports on the uptime for the prior calendar month.

*To set the uptime properties:*

- 1 Go to the **Uptime** set of properties.
- 2 Type the daily uptime collection percentage for the **Database Uptime Warning Daily (%)**.
- 3 Type the daily uptime collection percentage for the **Database Uptime Critical Daily (%)**.
- 4 Type the daily uptime collection percentage for the **Database Uptime Fatal Daily (%)**.
- 5 Type the daily uptime collection percentage for the **Concurrent Manager Uptime Warning Daily (%)**.
- 6 Type the daily uptime collection percentage for the **Concurrent Manager Uptime Critical Daily (%)**.
- 7 Type the daily uptime collection percentage for the **Concurrent Manager Uptime Fatal Daily (%)**.
- 8 Type the monthly uptime collection percentage for the **Database Uptime Warning Monthly (%)**.
- 9 Type the monthly uptime collection percentage for the **Database Uptime Critical Monthly (%)**.
- 10 Type the monthly uptime collection percentage for the **Database Uptime Fatal Monthly (%)**.
- 11 Type the monthly uptime collection percentage for the **Concurrent Manager Uptime Warning Monthly (%)**.
- 12 Type the monthly uptime collection percentage for the **Concurrent Manager Uptime Critical Monthly (%)**.
- 13 Type the monthly uptime collection percentage for the **Concurrent Manager Uptime Fatal Monthly (%)**.
- 14 Click **Save**.
- 15 Go to the [Setting the General Properties](#) section.

## Setting the General Properties

Use the General set of agent properties to specify various threshold and message properties.

① | **NOTE:** An asterisk (\*) indicates properties that require setup prior to deploying the agent.

*To set the general properties:*

- 1 Go to the General set of properties.
- 2 \* Select Yes for **Check WF Mailer Service Availability** if the WorkFlow Mailer service exists.  
Select **No** if the WorkFlow Mailer service does not exist. The WF Mailer service may not exist in some earlier versions of OEBS.  
The following OEBS report can be used to list availability:
  - Report: OEBS > Property Level Settings General > Availability
- 3 \* Select Yes for **Check Concurrent Manager Availability** since Concurrent Manager exists in all versions of OEBS.
- 4 \* Select Yes for **Check for Maintenance Mode** if the Maintenance Mode setting exists. Maintenance Mode is an administrative setting which is changed via adadmin.  
Select No if the Maintenance Mode setting does not exist. The Maintenance Mode setting may not exist in some earlier versions of OEBS.
- 5 Select the list from the **Object Monitoring List** that you want to update.
- 6 Click **Edit**.

A secondary property list appears.

Foglight provides the ability to monitor (daily) the number of rows in a table or to primarily assess the change in the number of rows in the table or view. This can be useful in tracking growth or monitoring the health of an interface table or another functional check via the use of a view.

A list of the objects being monitored in the secondary property can be listed using the following Toad report.

- Report: OEBS > Property Object Watch List

① | **NOTE:** The Toad report lists and validates each entry in the watch list.

- 7 Add an entry to the list by clicking **Add Row**.

Fill in the dialog box fields:

- a **Object Owner**—name of the object owner.

① | **NOTE:** You must create a Foglight view for each table or view being monitored. The Username specified in the Connection settings must have select access for this object.

- b **Object Name**—the name of the object. You can create your own database table or view (for example, object) and add these objects to the monitor list. If the object is named incorrectly, it is not monitored.


① | **NOTE:** You must create a Foglight view for each table or view being monitored.

- c **Object Type**—the type of object being monitored; either a **Table** or **View**.
  - d **Monitor**—allows monitoring to be suspended by selecting **No**.
  - e **Warning Threshold (rows)**—the threshold for the number of objects being monitored, before a warning error is generated.
- 8 Click **Save Changes**.

- 9 \* Type the number of active application accounts alert level in the **Active Accounts Warning Threshold** box.

An active account is defined as an application account where the account start date has passed and the account has no end date, or where the account is end dated and that date is not been reached yet.

For example, set the property value to the number of user licenses for the site (named users). If the site has an unlimited number of user license, set the value to 10 percent over the number of current active accounts.

 **TIP:** Most sites do not know how many active user accounts they have.


The number of active accounts can be found in the following Toad report:

- Report: OEBS > Property Level Settings General > Active Accounts


- 10 \* Type the appropriate name in the **Active Monitored Program Name** box.

By default, Foglight uses the response time (runtime) of the concurrent program FNDOAMCOL.

This program performs the same tasks each time it runs. Its response time represents the overall response time of the application.


 **TIP:** Do not change to a program other than FNDOAMCOL, unless the FNDOAMCOL program does not exist (OEBS version 11.0).

Where the program does not exist, the property can be set to any suitable concurrent program or the collector should be turned off.

 **NOTE:** Regardless of the alerting type of Both, Base Lining or ASPs (see below), all of the response time agent properties must be set.

The existence of the program FNDOAMCOL can be checked using the following report:

- Report: FOGLIGHT OEBS V5 Agent Properties > General > Response Time (1)

 **NOTE:** This report can be used to confirm the existence of any program used as a response time check.

- 11 \* Select a response time threshold option from the **Alert Response Time Using** list if the FNDOAMCOL program does not run with the specified time interval.

- **Both**—use both of the following options to determine the warning events, where the alert is based on the Auto Base Lining value automatically calculated by the agent and/or the ASP (agent property) threshold values.
- **Auto Base Lining**—Foglight determines a setting value using the calculation:  
$$\text{avg}(\text{session\_count}) + (\text{baseLine\_stddev} * \text{STDDEV}(\text{session\_count}))$$

where:  
session\_count is the number of records with first\_connect date before system date from the icx\_sessions table.


baseLine\_stddev is the number of standard deviations to be used for auto baseline alerts; the default is 4.
- **ASPs (see below)**—the response time threshold settings are taken from the next three agent properties.

- 12 \* Type in the number of seconds before a response time warning error is generated, in the **Response Time Warning Threshold (seconds)** box.


This value is used when the **Alert Response Time Using** property is set to **ASPs (see below)**.

The response time property levels can be estimated using the following report:

- Report: FOGLIGHT OEBS V5 Agent Properties > General > Response Time (2)
- 13 \* Type in the number of seconds before a response time critical error is generated, in the **Response Time Critical Threshold (seconds)** box.
- This value is used when the **Alert Response Time Using** property is set to **ASPs** (see below).
- 14 \* Type in the number of seconds before a response time fatal error is generated, in the **Response Time Fatal Threshold (seconds)** box.
- This value is used when the **Alert Response Time Using** property is set to **ASPs** (see below).
- 15 Select Yes for **Notify OAM Warning Messages** if the OAM (Oracle Application Manager) messages are generated for the OAM warning severity.
- The Oracle Application Manager or Oracle Grid Control Plug-in for Oracle Applications generates messages based on application activity.
- Foglight monitors for the existence of OAM messages and notifies when new OAM messages are generated for the OAM severity levels (that is, Warning, Critical, and Error).
- The Notify OEM agent property settings should not require change.

 **NOTE:** OAM may not exist in some older releases of Oracle E-Business Suite. If you have an older version of OEBS, ignore these Notify OAM property settings.

- 16 Select Yes for **Notify OAM Critical Messages** if the OAM (Oracle Application Manager) messages are generated for the OAM critical severity.
- 17 Select Yes for **Notify OAM Error Messages** if the OAM (Oracle Application Manager) messages are generated for the OAM error severity.
- 18 Type in the name of the **Preferred Installed Language**. The Preferred Installed Language must match one of the installed Oracle E-Business Languages.

 **NOTE:** This property only requires change when the installed language is not US English. Care should be taken when selecting a language, since Foglight may not support that language.

A number of the Foglight for Oracle E-Business Suite collectors return data in the selected application language.


A list of OEBS installed languages can be found using the following report:

- Report: OEBS > Property Level Settings General > Languages
- 19 Click **Save**.
- 20 Go to the [Setting the Concurrent Request \(1\) Properties](#) section.

## Setting the Concurrent Request (1) Properties

There are two sets of concurrent requests properties:

- Concurrent Requests (1).
- [Concurrent Requests \(2\)](#).

 **NOTE:** An asterisk (\*) indicates properties that require setup prior to deploying the agent.

*To set the concurrent request (1) properties:*

- 1 Go to the **Concurrent Request (1)** set of properties.



2 Select an option from the **Alert Log & Out Using** list:

- **Both**—use both of the following options to determine the warning events, where the alert is based on the Auto Base Lining value automatically calculated by the agent and/or the ASP (agent property) threshold values.
- **Auto Base Lining**—Foglight determines a setting value using the calculation:  
$$\text{avg}(\text{session\_count}) + (\text{baseLine\_stddev} * \text{STDDEV}(\text{session\_count}))$$

where:  
session\_count is the number of records with first\_connect date before system date from the icx\_sessions table.

baseLine\_stddev is the number of standard deviations to be used for auto baseline alerts; the default is 4.
- **ASPs (see below)**—the settings are taken from the next three agent properties.

① | **NOTE:** Regardless of the selected type of Both, Base Lining or ASPs (see below), all of the response time agent properties must be set.

The log and out space refers to the amount of space (MBytes) generated by the concurrent requests' log and out files each day.

A log file contains the run time information for the concurrent program. The out file (generally the larger of the two) is the actual report generated.

The recommended agent property settings can be found using the following report:

- Report: OEBS > Property Level Settings CR (1) > Log and Out

- 3 Type in the amount of space used each day for the log file and out file (in MBytes) at which a threshold warning error is generated, in the **Log & Out Warning Threshold (mb)** box.
- 4 Type in the amount of space used each day for the log file and out file (in MBytes) at which a threshold critical error is generated, in the **Log & Out Critical Threshold (mb)** box.
- 5 Type in the amount of space used each day for the log file and out file (in MBytes) at which a threshold fatal error is generated, in the **Log & Out Fatal Threshold (mb)** box.
- 6 \* Select an option from the **Alert Completed Requests Using** list:

- **Both**—use both of the following options to determine the warning events, where the alert is based on the Auto Base Lining value automatically calculated by the agent and/or the ASP (agent property) threshold values.
- **Auto Base Lining**—Foglight determines a setting value using the calculation:  
$$\text{avg}(\text{session\_count}) + (\text{baseLine\_stddev} * \text{STDDEV}(\text{session\_count}))$$

where:  
session\_count is the number of records with first\_connect date before system date from the icx\_sessions table.

baseLine\_stddev is the number of standard deviations to be used for auto baseline alerts; the default is 4.
- **ASPs (see below)**—the settings are taken from the next nine agent properties.

① | **NOTE:** These agent properties refer to completed requests only.

① | **NOTE:** Regardless of the selected type of Both, Base Lining, or ASPs (see below), all of the response time agent properties must be set.

The Alert Completed property refers to the number of requests that complete daily. The values reset to zero at midnight (Database Server time) and start again.

This property refers to the number of:

- Completed requests (intraday).
- Requests that complete with a status of error (intraday).
- Requests that complete with a status of warning (intraday).

The recommended Property settings can be found using the following report:

- Report: OEBS > Property Level Settings CR (1) > Completed Requests

- 7 \* Type in the amount of time (in seconds) at which a threshold warning error is generated, in the **Total 'Completed' Warning Threshold** box.
- 8 \* Type in the amount of time (in seconds) at which a threshold critical error is generated, in the **Total 'Completed' Critical Threshold** box.
- 9 \* Type in the number (count of jobs completed in error since midnight) at which a threshold fatal error is generated, in the **Total 'Completed' Fatal Threshold** box.
- 10 \* Type in the number (count of jobs completed in error since midnight) at which a threshold warning error is generated, in the **'Completed Error' Warning Threshold** box.
- 11 \* Type in the number (count of jobs completed in error since midnight) at which a threshold critical error is generated, in the **'Completed Error' Critical Threshold** box.
- 12 \* Type in the number (count of jobs completed in error since midnight) at which a threshold fatal error is generated, in the **'Completed Error' Fatal Threshold** box.
- 13 \* Type in the amount of time (in seconds) at which a threshold warning error is generated, in the **'Completed Warning' Warning Threshold** box.
- 14 \* Type in the amount of time (in seconds) at which a threshold critical error is generated, in the **'Completed Warning' Critical Threshold** box.
- 15 \* Type in the amount of time (in seconds) at which a threshold fatal error is generated, in the **'Completed Warning' Fatal Threshold** box.
- 16 Click **Save**.
- 17 Go to the [Setting the Concurrent Request \(2\) Properties](#) section.

## Setting the Concurrent Request (2) Properties

There are two sets of concurrent requests properties:

- [Concurrent Requests \(1\)](#).
- Concurrent Requests (2).

*To set the concurrent request (2) properties:*

- 1 Go to the **Concurrent Request (2)** set of properties.
- 2 Type in the threshold for the number of total pending alerts that generate a warning error, in the **Total 'Pending' Warning Threshold** box.

A pending request refers to any concurrent request that is ready to be executed. This means that the requested start date passed and it is not on hold.

The status of each request is updated as the request migrates through its life cycle: Pending > Running > Complete.

No history is readily available to provide reasonable values for these properties.

- 3 Type in the threshold for the number of total critical alerts that generate a critical error, in the **Total 'Pending' Critical Threshold** box.

A simple report cannot provide the historical information with which to set these properties.

Once the maximum for any given day is found, set the following values:

- Total 'Pending' Warning Threshold to the maximum plus 10 percent.
  - Total 'Pending' Critical Threshold to the maximum plus 25 percent.
  - Total 'Pending' Fatal Threshold to the maximum plus 50 percent.
- 4 Type in the threshold for the number of total fatal alerts that generate a fatal error, in the **Total 'Pending' Fatal Threshold** box.  
  
A pending error normally equates to concurrent requests that do not have a manager process to run that request. The default settings for pending error agent properties is typically suitable for most sites.
  - 5 Type in the threshold for the number of total pending alerts that generate a warning error, in the **'Pending Error' Warning Threshold** box.
  - 6 Type in the threshold for the number of total critical alerts that generate a warning error, in the **'Pending Error' Critical Threshold** box.
  - 7 Type in the threshold for the number of total fatal alerts that generate a warning error, in the **'Pending Error' Fatal Threshold** box.
  - 8 Select the list from the **Duplicate Request Exclusion List** that you want to update.

A duplicate request is defined as the same user submitting the same request with the same arguments.

Entering a concurrent program in the exclusion list excludes it from being checked for duplicates.

For example: In Human Resources, there are occasions where multiple copies of the same program are running, such as Payroll Worker Process. In this case, the Payroll Worker Process should be excluded from the duplicate requests check to prevent false alerts.

A list of programs excluded from the duplicate request check can be found using the following report:

- Report: OEBS > Property Duplicate Requests Exclude List
- 9 Click **Edit**.  
  
A secondary property list appears.  
  
To exclude a program you need to provide both the concurrent programs, for example, the `program_application_id` and the `concurrent_program_id`.
  - 10 Add an entry to the list by clicking **Add Row**.  
  
Fill in the dialog box fields:
    - a **Application ID**—the `program_application_id`.
    - b **Program ID**—the `concurrent_program_id`.
    - c **Program Name**—this name is free-format text and is to be a name not used by Foglight for Oracle E-Business Suite.
  - 11 Click **Save Changes**.
  - 12 Select the list from the **Manager Watch List** that you want to update.

Foglight provides the ability to monitor the running and pending requests for selected concurrent managers.

A list of configured concurrent Managers can be found using the following report:

- Report: OEBS > Property Concurrent Manager > List of Values

A list of concurrent Managers being watched can be found using the following report:

- Report: OEBS > Property Concurrent Manager > Watch List

- 13 Click **Edit**.  
  
A secondary property list appears.
- 14 Add an entry to the list by clicking **Add Row**.

Fill in the dialog box fields:

- a **Queue Name**—the name of the queue.
- b **'Running' Warning Level**—the running requests for the selected concurrent managers.
- c **'Pending' Warning Level**—the pending requests for the selected concurrent managers.

15 Click **Save Changes**.

16 Select the list from the **Long Running CR Exclusion List** that you want to update.

Foglight alerts the user when a concurrent program runs longer than its average runtime plus two standard deviations of its normal run time.

Selected programs can be excluded from the long running check by adding the program to the exclusion list.

A list of concurrent programs excluded from the long running program check can be found using the following report:

- Report: OEBS > Properties Concurrent Request > Long running Exclusion List

17 Click **Edit**.

A secondary property list appears.

18 Add an entry to the list by clicking **Add Row**.

To exclude a program you need to identify both of the concurrent programs, for example, the `program_application_id` and the `concurrent_program_id`.

Fill in the dialog box fields:

- a **Application ID**—the `program_application_id`.
- b **Program ID**—the `concurrent_program_id`.
- c **Program Name**—this name is free-format text (maximum 30 characters) and is to be a name not used by Foglight for Oracle E-Business Suite.

19 Click **Save Changes**.


20 Click **Save**.

21 Go to the [Setting the Full Service Properties](#) section.

## Setting the Full Service Properties

There are two forms of full service monitoring:

- **Instantaneous**—Full Service Activity Instantaneous reports the number of full service sessions at each sample point.
- **Accumulative (Intraday)**—Full Service Activity Accumulative reports the number of accumulated full service sessions throughout the day.

 **NOTE:** An asterisk (\*) indicates properties that require setup prior to deploying the agent.

*To set the full service properties:*

- 1 Go to the **Full Service** set of properties.
- 2 \* This option for the **Alert Full Service Activity Using** list defaults to:
  - **ASPs (see below)**—the settings are taken from the next three agent properties.

Full service activity refers to the number of full service connections at the sample time.

- 3 \* Type in the threshold for the number of full service activities that generate a warning error, in the **Full Service Activity Warning Threshold** box.
- 4 \* Type in the threshold for the number of total critical alerts that generate a warning error, in the **Full Service Activity Critical Threshold** box.
- 5 \* Type in the threshold for the number of total fatal alerts that generate a warning error, in the **Full Service Activity Fatal Threshold** box.
- 6 Select an option from the **Alert Accumulative Full Service Activity Using** list:
  - **Both**—use both of the following options to determine the warning events, where the alert is based on the Auto Base Lining value automatically calculated by the agent and/or the ASP (agent property) threshold values.
  - **Auto Base Lining**—Foglight determines a setting value using the calculation:  

$$\text{avg}(\text{session\_count}) + (\text{baseLine\_stddev} * \text{STDDEV}(\text{session\_count}))$$

where:  
 session\_count is the number of records with first\_connect date before system date from the icx\_sessions table.

baseLine\_stddev is the number of standard deviations to be used for auto baseline alerts; the default is 4.
  - **ASPs (see below)**—the settings are taken from the next nine agent properties.

Full service activity accumulative refers to the number of full service connections since midnight and shows the overall full service activity throughout the day.

An estimate of the Property settings based on historical activity can be found using the following report:

  - Report: OEBS > Property Level Settings Full Service Intraday
- 7 Type in the amount of time (in seconds) at which a threshold warning error is generated, in the **Accumulative Full Service Activity Warning Threshold** box.
- 8 Type in the amount of time (in seconds) at which a threshold critical error is generated, in the **Accumulative Full Service Activity Critical Threshold** box.
- 9 Type in the amount of time (in seconds) at which a threshold fatal error is generated, in the **Accumulative Full Service Activity Fatal Threshold** box.
- 10 Click **Save**.
- 11 Go to the [Setting the Self Service \(1\) Properties](#) section.


## Setting the Self Service (1) Properties

Each self service session has both a time and a page limit. When either of these limits are reached, the self service user is required to reconnect to the application.

The self service session check is run daily and notifies if any self service users came within X percent of the sessions page limit or X minutes of the session time limit during the prior day.

There are two sets of self service properties:

- Self Service (1).
- [Self Service \(2\)](#).

 **NOTE:** An asterisk (\*) indicates properties that require setup prior to deploying the agent.

*To set the self service (1) properties:*

- 1 Go to the **Self Service (1)** set of properties.
- 2 \* Type in the percentage from the daily page limit, in the **Self Service Session Page Limit (%)** box.


- 3 \* Type in the time (in minutes) from the daily time limit, in the **Self Service Session Time Limit (minutes)** box.
  - 4 \* This option for the **Alert Self Service Activity Using** list defaults to:
    - **ASPs (see below)**—the settings are taken from the next six agent properties.

Self Service Activity reports the number of self service sessions at each sample point.
  - 5 \* Type in the threshold for the number of self service sessions that generate a warning error, in the **Self Service Session Warning Threshold** box.
  - 6 \* Type in the threshold for the number of self service sessions that generate a critical error, in the **Self Service Session Critical Threshold** box.
  - 7 \* Type in the threshold for the number of self service sessions that generate a fatal error, in the **Self Service Session Fatal Threshold** box.
  - 8 \* Type in the threshold for the number of self service pages that generate a warning error, in the **Self Service Page Warning Threshold** box.
- Self Service Activity reports on the number of self service page request rates per minute, calculated as the number of page requests between each sample point divided by the number of minutes between sample points, to give a rate per minute.
- 9 \* Type in the threshold for the number of self service pages that generate a critical error, in the **Self Service Page Critical Threshold** box.
  - 10 \* Type in the threshold for the number of self service pages that generate a fatal error, in the **Self Service Page Fatal Threshold** box.
  - 11 Click **Save**.
  - 12 Go to the [Setting the Self Service \(2\) Properties](#) section.

## Setting the Self Service (2) Properties

There are two sets of self service properties:

- [Self Service \(1\)](#).
- Self Service (2).

 **NOTE:** An asterisk (\*) indicates properties that require setup prior to deploying the agent.

### *To set the self service (2) properties:*

- 1 Go to the **Self Service (2)** set of properties.
- 2 \* Select an option from the **Alert Accumulative Self Service Activity Using** list:
  - **Both**—use both of the following options to determine the warning events, where the alert is based on the Auto Base Lining value automatically calculated by the agent and/or the ASP (agent property) threshold values.
  - **Auto Base Lining**—Foglight determines a setting value using the calculation:  

$$\text{avg}(\text{session\_count}) + (\text{baseLine\_stddev} * \text{STDDEV}(\text{session\_count}))$$

where:  
 session\_count is the number of records with first\_connect date before system date from the icx\_sessions table.

baseLine\_stddev is the number of standard deviations to be used for auto baseline alerts; the default is 4.
  - **ASPs (see below)**—the settings are taken from the next nine agent properties.

- 3 \* Type in the amount of time (in seconds) at which a threshold warning error is generated, in the **Accumulative Self Service Session Warning Threshold** box.

Accumulative self service sessions refer to the number of self service connections since midnight and shows the overall self service activity throughout the day.

An estimate of the property settings based on historical activity can be found using the following report:

- Report: OEBS > Property Level Settings Self Service Sessions Intraday

- 4 \* Type in the amount of time (in seconds) at which a threshold critical error is generated, in the **Accumulative Self Service Session Critical Threshold** box.

- 5 \* Type in the amount of time (in seconds) at which a threshold fatal error is generated, in the **Accumulative Self Service Session Fatal Threshold** box.

- 6 Type in the amount of time (in seconds) at which a threshold warning error is generated, in the **Accumulative Self Service Sessions Warning Threshold** box.

Accumulative self service pages refer to the number of self service page requests since midnight and shows the overall self service activity throughout the day.

An estimate of the property settings based on historical activity can be found using the following report:

- Report: OEBS > Property Level Settings Self Service Pages Intraday

- 7 Type in the amount of time (in seconds) at which a threshold critical error is generated, in the **Accumulative Self Service Page Critical Threshold** box.

- 8 Type in the amount of time (in seconds) at which a threshold fatal error is generated, in the **Accumulative Self Service Page Fatal Threshold** box.

- 9 Click **Save**.


- 10 Go to the [Setting the Workflow \(1\) Properties](#) section.

## Setting the Workflow (1) Properties

As the OEB workflow activity status is updated and the workflow item is executed, there is no measurable historical activity with which to base the properties. Recommended values are based on the current application counts plus percentage.


An estimate for the workflow property settings based on the current activity can be found using the following report:

- Report: OEBS > Property Level Settings Workflow (1 and 2)

 **NOTE:** If the report returns a zero value, set the properties to the following values:  
Warning: 100  
Critical: 200  
Fatal: 300

There are two sets of workflow properties:

- Workflow (1).
- [Workflow \(2\)](#).

 **NOTE:** An asterisk (\*) indicates properties that require setup prior to deploying the agent.

**To set the workflow (1) properties:**


- 1 Go to the **Workflow (1)** set of properties.

- 2 \* Type in the amount of time (in seconds) at which a threshold warning error is generated, in the **Workflow Warning Threshold** box. This is the total number of workflows in the system including active, errored, stuck, timed out, and deferred.
- 3 \* Type in the amount of time (in seconds) at which a threshold critical error is generated, in the **Workflow Critical Threshold** box.
- 4 \* Type in the amount of time (in seconds) at which a threshold fatal error is generated, in the **Workflow Fatal Threshold** box.
- 5 \* Type in the amount of time (in seconds) at which a threshold warning error is generated, in the **Deferred Warning Threshold** box.
- 6 \* Type in the amount of time (in seconds) at which a threshold critical error is generated, in the **Deferred Critical Threshold** box.
- 7 \* Type in the amount of time (in seconds) at which a threshold fatal error is generated, in the **Deferred Fatal Threshold** box.
- 8 \* Type in the amount of time (in seconds) at which a threshold warning error is generated, in the **Timeout Warning Threshold** box.
- 9 \* Type in the amount of time (in seconds) at which a threshold critical error is generated, in the **Timeout Critical Threshold** box.
- 10 \* Type in the amount of time (in seconds) at which a threshold fatal error is generated, in the **Timeout Fatal Threshold** box.
- 11 \* Type in the amount of time (in seconds) at which a threshold warning error is generated, in the **Stuck Warning Threshold** box.
- 12 \* Type in the amount of time (in seconds) at which a threshold critical error is generated, in the **Stuck Critical Threshold** box.
- 13 \* Type in the amount of time (in seconds) at which a threshold fatal error is generated, in the **Stuck Fatal Threshold** box.
- 14 \* Type in the amount of time (in seconds) at which a threshold warning error is generated, in the **Error Warning Threshold** box.
- 15 \* Type in the amount of time (in seconds) at which a threshold critical error is generated, in the **Error Critical Threshold** box.
- 16 \* Type in the amount of time (in seconds) at which a threshold fatal error is generated, in the **Error Fatal Threshold** box.
- 17 Click **Save**.
- 18 Go to the [Setting the Workflow \(2\) Properties](#) section.

## Setting the Workflow (2) Properties

There are two sets of workflow properties:

- [Workflow \(1\)](#).
- [Workflow \(2\)](#).

 **NOTE:** An asterisk (\*) indicates properties that require setup prior to deploying the agent.

When collecting workflow runtime statistics, the settings of these properties set the minimum thresholds for workflows to be included in the historical runtime stats calculations. The workflow runtime agent properties are:

- Limit to Workflows Completed in Last X Months.
- Minimum Average Workflows Runtime (days).




- Minimum Workflows.
- Long Running Workflow Exclusion List.

Workflow purge alerts are used to notify the administrator when there are workflow candidates for purging.


***To set the workflow (2) properties:***

- 1 Go to the **Workflow (2)** set of properties.
- 2 \* Type in the amount of time (in seconds) at which a threshold warning error is generated, in the **Notified Warning Threshold** box.
- 3 \* Type in the amount of time (in seconds) at which a threshold critical error is generated, in the **Notified Critical Threshold** box.
- 4 \* Type in the amount of time (in seconds) at which a threshold fatal error is generated, in the **Notified Fatal Threshold** box.
- 5 \* Type in the amount of time (in seconds) at which a threshold warning error is generated, in the **Mail Items Warning Threshold** box.  
Mail items refer to the number of workflow items waiting to be sent.
- 6 \* Type in the amount of time (in seconds) at which a threshold critical error is generated, in the **Mail Items Critical Threshold** box.
- 7 \* Type in the amount of time (in seconds) at which a threshold fatal error is generated, in the **Mail Items Fatal Threshold** box.
- 8 Type in the number of months for which workflow data is to be considered for the statistical history, in the **Limit to Workflows Completed in Last X Months** box.

 **NOTE:** This value should not be changed from the default.


Sets the time range for the statistical history, which only includes workflows that completed within the last X months.

- 9 Type in the minimum average number of days that a workflow must run in order to be considered, in the **Minimum Average Workflows Runtime (days)** box.

 **NOTE:** This value should not be changed from the default.


Sets the minimum workflow runtime. This means that it excludes all workflows with a total run time of less than X days.

- 10 Type in the minimum number of workflows of a particular workflow item type run in order to be considered, in the **Minimum Workflows** box.

 **NOTE:** This value should not be changed from the default.

To keep the sample size relevant to this setting, any workflows with less than X completed workflows within the defined period (**Limit to Workflows Completed in the Last X Months**) are excluded.

- 11 Select the list from the **Long Running Workflow Exclusion List** that you want to update.

 **NOTE:** Do not change the name of this list. However, you may edit the list of values which are excluded.

This setting is used to exclude the workflows from long running alerts.

To exclude a workflow, it is necessary to provide a workflow name.

A list of workflows excluded from the long running workflow check can be found using the following report. This report also validates the property workflow names:

- Report: OEBS > Property WF Long Run Exclusion

12 Click **Edit**.

A secondary property list appears.

13 Add an entry to the list by clicking **Add Row**.

Fill in the dialog box field.

- **Workflow Name**—the name of the workflow.

14 Click **Save Changes**.

15 Select an option from the **Purge Estimates Persistence Type** list:

- **Temp**—temporary persistence type.
- **Perm**—permanent persistence type.
- **Both**—a combination of both temporary and permanent persistence types.

The Purge estimate considers workflow type of temporary or permanent or both when estimating space savings.

16 Type in the minimum number of purgeable workflows that will trigger an alert, in the **Purge Estimates Minimum Workflows** box.

17 Type in the minimum percentage of workflows that are purgeable, in the **Purge Estimates Minimum Percentages** box.

18 Select the list from the **Purge Estimates Exclusion List** that you want to update.

The list is used to exclude selected workflows from purge notification.

To exclude a workflow, it is necessary to provide a workflow name.

A list of workflows excluded from the workflow purge check can be found using the following report; this report also validates the property workflow names

- Report: OEBS > Property WF Purge Check Exclusion

19 Click **Edit**.

A secondary property list appears.

20 Add an entry to the list by clicking **Add Row**.

Fill in the dialog box field.

- **Workflow Name**—the name of the workflow.

21 Click **Save Changes**.

22 Type in the number of days for overdue notification, in the **Overdue Notices Grace (days)** box.

An overdue notification is a notification with an assigned user where the due date has passed.

This property applies a number of grace days, which means an overdue notification is reported when the Due Date and Grace Period passed.

23 Click **Save**.

24 Go to the [Setting the HealthCheck Properties](#) section.

## Setting the HealthCheck Properties

*To set the HealthCheck properties:*

- 1 Go to the HealthCheck set of properties.

- 2 Select the list from the **Program Watch List** that you want to update.

This check alerts when any of the following occurs:

- Selected programs do not exist or are placed on hold.
- Selected programs are either running or pending.
- Selected programs complete with a status of error or warning.

A list of concurrent programs being watched can be found using the following report:

- Report: FOGLIGHT OEBS V5 Agent Property Lists > Concurrent Program > Watch List

- 3 Click **Edit**.


A secondary property list appears.

- 4 Add an entry to the list by clicking **Add Row**.


To add concurrent program to the watch list, you need to identify both of the concurrent programs, for example, the `program_application_id` and the `concurrent_program_id`.

Fill in the dialog box fields:

- a **Application ID**—the `program_application_id`.
- b **Program ID**—the `concurrent_program_id`.
- c **Program Name**—this name is free-format text (maximum 30 characters) and is to be a name not used by Foglight for Oracle E-Business Suite.

 **NOTE:** The Program Name and Program Description are free format fields. However, the Program Description is used in the alert message.

- d **Program Description**—this description is free-format text (maximum 30 characters).
- e **Check Exists**—when set to Yes, notifies if the selected concurrent program could not be found, or is placed on hold.
- f **Check Pending**—when set to Yes, notifies if the selected concurrent program has been submitted.


 **NOTE:** Do not use this option for checking if a program exists.

- g **Check Running**—when set to Yes, notifies if the selected concurrent program is running.
- h **Check Completed Error**—when set to Yes, notifies if the selected program completed with a status of error.
- i **Check Completed Warning**—when set to Yes, notifies if the selected program completed with a status of warning.

- 5 Click **Save Changes**.

- 6 Select the list from the **Aged Users Exclusion List** that you want to update.

Foglight alerts when there are user accounts that have either never been accessed or have not been accessed in more than 120 days.

 **NOTE:** For new accounts, there is a one month grace period before the account is labelled unaccessed.

Accounts can be excluded from the aged user check by adding the user (account) name to the Aged User Exclusion List.

A list of current aged user (account) names can be found using the following report:

- Report: OEBS > Properties Users > Current Aged Users

A list of excluded user (account) names can be found using the following report:

- Report: OEBS > Properties Users > Aged Users Exclude List

7 Click **Edit**.

A secondary property list appears.

8 Add an entry to the list by clicking **Add Row**.

Fill in the dialog box field.

- **User Name**—the name of the user (account).


9 Click **Save Changes**.

10 Type in the number of full-service unsuccessful login attempts that trigger an alert, in the **Full-Service Unsuccessful Login Threshold (attempts)** box.

11 Type in the number of self-service unsuccessful login attempts that trigger an alert, in the **Self-Service Unsuccessful Login Threshold (attempts)** box.

12 Select the list from the **Index Watch List** that you want to update.


The Foglight for Oracle E-Business Suite HealthCheck checks indexes in the Index Watch List and reports when any of these indexes accumulate more than 30 percent of deleted rows and become candidates for rebuilding.

 **NOTE:** The indexes chosen to be checked should be restricted to those on dynamic tables such as `fnf_concurrent_requests`.

Only select one representative index for each selected dynamic table.

A list of watched indexes can be found using the following report:

- Report: OEBS > Properties Index Watch List

 **NOTE:** This report also validates the entries in the Properties.

13 Click **Edit**.

A secondary property list appears.

14 Add an entry to the list by clicking **Add Row**.

Fill in the dialog box field.


- **Index Owner**—the name of the index owner.
- **Index Name**—the name of the index.

15 Click **Save Changes**.

16 Type in the number of months of online history that trigger an alert, in the **Online CR History Threshold (months)** box.

The online history check identifies if the normal maintenance purging is not occurring and alerts if there are more than X months of history being held online in the following standard purgeable table:


- CR History > Checks `fnf_concurrent_requests`

 **NOTE:** There must be more than 50 requests on any given date for that day to be included in the online history check.

17 Type in the number of months of online history that trigger an alert, in the **Online FS History Threshold (months)** box.

The online history check identifies if the normal maintenance purging is not occurring and alerts if there are more than X months of history being held online in the following standard purgeable table:


- FS History > Checks FND\_LOGINS

 **NOTE:** There must be more than 50 requests on any given date for that day to be included in the online history check.

- 18 Type in the number of months of online history that trigger an alert, in the **Online SS History Threshold (months)** box.

The online history check identifies if the normal maintenance purging is not occurring and alerts if there are more than X months of history being held online in the following standard purgeable table:

- SS History > Checks ICX\_SESSIONS

 **NOTE:** There must be more than 50 requests on any given date for that day to be included in the online history check.

- 19 Type in the number of months beforehand that the administrator is notified of application user accounts that are end dated and are also due to expire, in the **Account End Date Notification Period (months)** box.

A list of user accounts that end date within the next X months can be found using the following report:

- Report: OEBS > Accounts > Aged Accounts

- 20 Select the list from the **OAM Services List** that you want to update.

OAM (Oracle Application Manager) or Oracle Grid Control plug-in for Oracle Applications monitors for a number of Oracle E-Business Suite processes (Metrics).

Foglight for Oracle E-Business Suite alerts if any of these monitored OAM metrics are detected as down by OAM.

- 21 Click **Edit**.

A secondary property list appears.

- 22 Add an entry to the list by clicking **Add Row**.

Fill in the dialog box field.

- **Metric Name**—the name of the metric.
- **Description**—the description of the metric.
- **Enable Alert**—when set to No, the OAM metric is not alerted through Foglight for Oracle E-Business Suite.

- 23 Click **Save Changes**.

- 24 Click **Save**.

- 25 Go to the [Setting the Advanced Settings Properties](#) section.

## Setting the Advanced Settings Properties

These properties are rarely used. When configuring these properties, you should contact [Dell Support](#).

*To set the advanced settings properties:*

- 1 Go to the **Advanced Settings** set of properties.
- 2 Type in the directory name that the agent writes and reads from, in the **Agent Files Directory** box.

This directory allows the agent to persist its collection state between stops and starts. It defaults to the logs directory under the cartridge installation, but can be moved to an alternate directory. All files are created here and named the agent name and hostname, making these files unique across the enterprise—and a common mount point that you could use.

- 3 Type in the frequency run ratio limit as a percentage of the execution time over the configured sample frequency, in the **Frequency Run Ratio Limit** box.

Each sample keeps track of its execution time. A calculation is made to determine a frequency run ratio limit as a percentage of the execution time over the configured sample frequency. If a sample's frequency run ratio limit hits this threshold, an alert is raised to inform the user that this sample may be set to run too often. This feature is used to help tune the sampling within differing customer environments to ensure that the agent does not have a high impact on production systems.


- 4 Select yes or no in the **Report Sample Activity** radio option.

This setting is set to yes at agent setup time. It places rows into the agent log to inform the administrator of each sample's run time and status (or if it is running at all).

- 5 Select an agent debug option from the **Debug** list:

- None
- Selected Samples
- All
- All Verbose

If instructed by Quest Support, you may have to turn on debug for the agent. These settings allow you to set the different levels as well as a location for the debug.

 **IMPORTANT:** Debug files can grow very large in a short time, and should be initiated with caution.

- 6 Type in the schema passwords.

When setting up the agent, the user created on the Oracle database, grants are required from several OEBS schemas. For more information, see [Creating an Oracle User](#) on page 33.


The following password settings allow the agent to perform these grants on your behalf:


- SYSTEM Password
- APPS Password
- APPLSYS Password
- ICX Password
- GL Password
- PO Password
- INV Password
- RG Password

- 7 Click Save.

## Object Monitor Overview

The Foglight OEB object monitor provides a method of counting, on a daily basis, the number of records in one or more tables or views. The collector counts the number of rows when the collector is run. This information can, over time, provide the growth profile of the target objects.

 **NOTE:** The object monitor collector runs once per day.

 **CAUTION:** Limit the number of tables and views, and ensure this collector runs during non-business hours, as a full scan is required to collect row counts. Otherwise, there may be an impact on performance.

The OEBDatabase Agent provides an example object monitor for the application object `fnd_concurrent_requests`, and an example view and rule for that object. This can be used as a reference for adding new objects to monitor and the associated view and rule for each new object.

The Foglight for Oracle E-Business Suite—OM `fnd_concurrent_requests` view shows the row counts from the `fnd_concurrent_requests` table. The chart clearly shows the number of records increasing as requests are submitted between the two purge runs. For details, see the [OEB Database Agent Views](#) chapter of this guide.

## Listing Objects Being Monitored

A list of application objects currently configured for monitoring can be found using the following report:

- Report section: QUEST FOGLIGHT OEBS V5 Agent Property Lists
- Report name: Object Monitor List Adding an object to be monitored

## Adding Objects To Be Monitored

A table or view can be added to the object monitor list using the agent property Object Monitoring List. For more information, see [Setting the General Properties](#) on page 13.

Use the Object Monitoring List property, to enter the object to be monitored and set the warning levels.

Set the Monitor option to Yes to enable the collection. Set this value to No to suspend monitoring of that object.

## Suspending Objects Temporarily

A monitored table or view can be suspended using the agent property Object Monitoring List. For more information, see [Setting the General Properties](#) on page 13.

Set the Monitor option to No to suspend the collection. Set the Monitor option to Yes to enable the collection.

## Monitoring Views

The power and flexibility of the Cartridge for Oracle E-Business Suite object monitor is found in its ability to count the number of rows in a view.

## Example

To monitor the number of orders being entered per day, and the number of application users entering orders, create a view that returns the number of rows equating to the value you require.

This can be achieved by creating two views:

- Create a view that counts the number of orders entered yesterday.
- Create a view with the number of users who entered orders yesterday.


The following view provides one record per order entered yesterday:

```
CREATE or REPLACE VIEW FOG_ORDRERS_PER_DAY
AS SELECT header_id
FROM oe_order_headers_all
WHERE trunc(creation_date) = trunc(sysdate -1 );
```

The following view provides one record per user who entered orders yesterday:


```
CREATE or REPLACE VIEW FOG_ORDRER_CREATORS_PER_DAY
AS SELECT distinct( created_by)
FROM oe_order_headers_all
WHERE trunc(creation_date) = trunc(sysdate -1 );
```

The collector is designed to run once per day, reporting on yesterday's activity, hence the use of `trunc(sysdate -1)` in the where clause.

 **NOTE:** The Foglight account requires select rights to the target views.

## Creating Charts and Rules

Views and rules are created through normal chart and rule creation for the Foglight product. A Foglight view and rule should be created for each object being monitored. Use the views and rules provided for the `fnf_concurrent_requests` object as a reference for creating additional views and rules.

 **NOTE:** It is recommended to create the chart after at least one collection has run. Then, at least one value is in the view.

## HealthCheck Entries Overview

There are two collectors within the Foglight Cartridge for Oracle E-Business Suite that have the potential to produce a large number of return rows. To prevent message storms, Foglight limits the number of rows returned by creating a summary record. If there are more than 50 rows to be returned and none are returned, then a single summary record is written to the table `_FG_OEBS_ALERT_SUMMARY_T`.

The healthcheck collector `_FG_OEBS_ALERT_SUMMARY` reads the summary table and adds any new entries to the notice board. The summary table removes any record older than 60 days.

## Adding Records to the Summary Table

The following table provides details about the summary table.

### `_FG_OEBS_ALERT_SUMMARY_T`

**Table 1. Summary table details**

Column Name	Type
TIMESTAMP	date
ALERTID	varchar2(30)
SEVERITY	varchar2(20)
DETAILS	varchar2(250)



① | **NOTE:** The timestamp should always be sysdate. Valid severity values are Warning, Critical, and Fatal (spelling and case sensitive).

## Example

```
INSERT into _FG_OEBS_ALERT_SUMMARY_T VALUES ( sysdate, 'CUST001', 'Critical', 'The application has a problem');
```

The easiest method for adding a custom check is to build a PLSQL package that performs the custom check and writes the result to the summary table.

Use `dbms_jobs` to schedule the procedure.

## Creating Watched Manager Views

The View Editor is used to create a Foglight view for Watched Managers. The base Foglight table is `RunningAndPendingRequestsByManager`.

In the criteria section, set the following values:

- Field value to the attribute: `ManagerName`
- Operator value to: `Equal To`
- Value operator to: `The concurrent manager being watched`

① | **NOTE:** You need one view for each manager being watched.

Set Edit Time Range to Today.

## Creating an Oracle User

The OEEDatabase Agent does not create the user required for the monitoring of the application. A user has already been created with the FOP files that are shipped with the Oracle cartridge. However, users can be added using the FOP files shipped within this release.

**To create an Oracle user:**

- 1 Locate the `script/Oracle/0.0.0` directory of the cartridge installation.
- 2 Install the `_fg_sys.fop` script file.
  - a Log into the database (with SQLPlus) of the application you want to monitor as SYS (as SYSDBA).
  - b Execute this FOP through the `@` command.

The script asks you what username and password to create as well as what tablespaces to use for this new account.

This file is located in `Foglight_SPID_Home/OEB/<Foglithtversion>/script/Oracle/0.0.0/OracleInstance/X_X_X_X`.
  - c Create a new username.
- 3 Install the `_fg_common.fop` script file.
  - a Log on to the database with SQLPlus using your newly created username.
  - b Execute this script with the `@` command.

- c This file is located in `script/Oracle/0.0.0/OracleDatabase/ORACLE_VERSION`.

ORACLE\_VERSION can be either 8\_x\_x\_x (any version of Oracle 8), 9\_x\_x\_x (any version of Oracle 9) or x\_x\_x\_x (any other version.10 or 11 GB).


- 4 Use the agent properties to perform the final configuration of the user.
- 5 Ensure that the newly created user name and password match the name and password configured in the agent properties.

For more information, see [Setting the Connection Details](#) on page 12.

For more information, see [Setting the Advanced Settings Properties](#) on page 29.

- 6 Set all the passwords for the different schemas.

The agent starts up, connects as each schema and runs the appropriate FOP file to do the needed grants for the agent's username. Once the agent completes all steps successfully, it resets all the schema passwords to blank, connects as the newly modified username, and begins collecting.

 **NOTE:** The execution of these FOP files is only done for an agent with a DAP Mode set to Active. For more information, see "Setting the Data Management Properties" on page 14.

Alternatively, these schema FOP files can be run manually by logging into the database with SQLPlus as each schema and running the appropriate FOP file with the @ command. For more information on how to run these files manually, refer to the *Managing Oracle E-Business Systems Installation Guide*. See the section "Configuring the OEB Agent."

## Reference

This chapter contains reference information about the HealthCheck Components, views, rules, data tables, and Toad Reports, that are included with the cartridge. Read this chapter to find out details about these components.

### HealthCheck Components

There are 22 components within the Oracle E-Business HealthCheck function in Foglight. The time stamp shown in the HealthCheck alert messages is the application server's time.

Configuration settings for the HealthCheck components are made through OEBCDatabase agent properties. For more information, see [Setting the HealthCheck Properties](#) on page 26.

### HC:001 - Aged Application Accounts


Accounts are often added to the Oracle E-Business Suite application, but rarely removed once the account is no longer required. This Aged Application Accounts check is designed to identify the number of accounts that were either never accessed or not accessed in the past 120 days. These accounts should be considered candidates for end dating.

#### HC:001—HealthCheck Message

HC001: [Time\_stamp] There are AA accounts (BB %) of the total CC active accounts that have either never been accessed or have not been used in the past 120 days

Where:

- Time\_stamp is the time stamp of the target server.
- AA is the number of unused accounts and accounts that have not been accessed in > 120 days.
- BB is the number of unused accounts and accounts that have not been accessed in > 120 days expressed as a percentage of the total number of active accounts.
- CC is the total number of active accounts. This includes all accounts nominated in the exclusion list that are active (for example, not end dated).

 **NOTE:** An unused account is defined as any account created (start\_date) that is available for use (not end dated), and has been available for use for greater than 31 days with no activity.

### Agent Property—Aged Users Exclusion List

At many sites, there are some accounts that are not used and some that have little or no activity. Include or exclude these accounts using the Aged Users Exclusion List HealthCheck agent property.

## HC:001—Report

Obtain a list of accounts in the exclusion list using the following Toad report:

- Report: FOGLIGHT OEBS V5 Agent Property Lists > Aged Users Exclusion List

## HC:001—Technical Information

Collector	_FG_OEBS_AGED_ACCOUNTS
Collection Frequency	Monthly
Periodic Runs Entry	_FG_OEBS_AGED_ACCOUNTS

## HC:002 - Accounts That Will End Date

Temporary accounts are usually assigned a future end date. Often, however, the term of the person with the temporary account is extended. Problems can occur if the temporary account expires automatically. Time is lost while support reactivates the account for the extended term. It is more efficient to catch and assess the temporary account before its end date.

The Accounts That Will End Date check lists accounts with an end date within two months. This check allows the administrator to be proactive in maintaining temporary accounts.

## HC:002—HealthCheck Message

HC002: [Time\_stamp] There are AA user accounts that will end date within the next BB months

Where:

- Time\_stamp is the time stamp of the target server.
- AA is the number of user accounts that will end date.
- BB is the number of months forward. The default is two.

## Agent Property—Setting Forward Notification Period

Set the number of months forward using the Account End Date Notification Period (months) HealthCheck agent property.

## HC:002—Technical Information

Collector	_FG_OEBS_ACC_END_DATE
Collection Frequency	Monthly
Periodic Runs Entry	_FG_OEBS_ACC_END_DATE


## HC:003 - Cost Based Optimizer Stats Check

To maintain peak performance in an OEBS application, Cost Based Optimizer (CBO) statistics must be collected on a regular basis.

The CBO Statistics check determines the number of objects (tables and indexes) related to a used application functional module (such as GL) with:

- No statistics collected for more than 1 (one) calendar month.
- No statistics collected for more than 2 (two) calendar months.
- No statistics collected at any time.

The Cost Based Optimizer Statistics Check checks only schemas associated with used modules. A used module is defined as any application module with a concurrent request entry in the `fnd_concurrent_requests` table at the time the check is executed.

 **IMPORTANT:** This check is resource-intensive. It should not be run during business hours.

## HC:003—HealthCheck Message

There are six possible Foglight messages produced by this check.

- HC003: [Time\_stamp] Application schema SCHEMA has NN table/s with CBO stats older than one month.
- HC003: [Time\_stamp] Application schema SCHEMA has NN table/s with CBO stats older than two months.
- HC003: [Time\_stamp] Application schema SCHEMA has NN table/s with no CBO stats.
- HC003: [Time\_stamp] Application schema SCHEMA has NN index/s with CBO stats older than one month.
- HC003: [Time\_stamp] Application schema SCHEMA has NN index /s with CBO stats older than two months.
- HC003: [Time\_stamp] Application schema SCHEMA has NN index /s with no CBO stats.

Where:

- Time\_stamp is the time stamp of the target server when the HealthCheck executes.
- SCHEMA is the application module, for example, MRP.
- NN is the number of objects.

## HC:003—Action On Alert

When notified of tables or indexes that have aged CBO statistics, assess why CBO statistics are not being collected. If statistics were never collected, or have not been collected for an extended period of time, implement a CBO statistics collection program.

## HC:003—Technical Information

Collector	_FG_OEBS_CBO_STATS_CHECK
Collection Frequency	Monthly
Periodic Runs Entry	_FG_OEBS_CBO_STATS_CHECK

## HC:004 - Unsuccessful Full Service Logins

When an account has more than a predefined number of unsuccessful logins, the Unsuccessful Full Service Logins check alerts you.

The unsuccessful Full Service Logins check is set through (Default Daily).

That is, if the predefined value is set to three (Default), only those accounts with more than three failed login attempts trigger an alert.

### Agent Property—Setting Minimum Failed Attempts

Set the minimum number of failed attempts per accounts using the **Full-Service Unsuccessful Login Threshold (attempts)** HealthCheck agent property.

### HC:004—HealthCheck Message


HC004:DDD [time\_stamp] There has been NN unsuccessful full service login attempt/s on the account ACCOUNT NAME (DESCRIPTION) since the last check [Last\_check\_date]

Where:

- DDD is the day of the year. This is a unique identifier to prevent the alert from autoclearing.
- Time\_stamp is the time stamp of the target server when the HealthCheck executes.
- ACCOUNT NAME (DESCRIPTION) is the account name and description of the account with more than NN failed login attempts.
- NN is the number of unsuccessful attempts.
- Last\_check\_date is the date and time when the last “Unsuccessful Full Service Logins” check is carried out.

### HC:004—Action On Alert

When notified of unsuccessful login attempts, obtain a list of the unsuccessful full service login attempts for the selected account.

 **NOTE:** Unsuccessful login details are purged as part of the purge sign-on audit program.

### HC:004—Reports

A list of accounts with unsuccessful login attempts can be found using the following Toad reports:

- FOGLIGHT OEBS V5 > Users > Unsuccessful Full Service Logins (All)

Or, for a selected user account:

- FOGLIGHT OEBS V5 > Users > Unsuccessful Full Service Logins (User)

### HC:004—Technical Information

Collector	_FG_OEBS_FAILED_FS_LOGINS
Collection Frequency	Daily
Periodic Runs Entry	_FG_OEBS_FAILED_FS_LOGINS

## HC:005 - Concurrent Manager Process Check

The concurrent manager process check looks for concurrent manager processes with the following status codes:

- A: Active processes
- C: Connecting processes
- Alerts if associated database processes cannot be found.

The concurrent manager process check is not performed if any of the following concurrent programs are found with a status of pending or running:

- Activate Concurrent Manager
- Deactivate Concurrent Manager
- Verify Concurrent Managers
- Restart Concurrent Manager
- Abort - Terminate concurrent requests and abort the concurrent manager
- Shutdown Concurrent Manager
- Start-up Concurrent Manager
- Suspend Concurrent Manager
- Resume Concurrent Manager
- Special Concurrent Manager Queue Control

### HC:005—HealthCheck Message

HC005:PID [Time\_stamp]. A MANAGER\_NAME concurrent manager database process (PROCESS\_NUMBER) cannot be found on node NODE\_NAME

Where:

- PID is the process ID of the missing manager process. This is a unique identifier to prevent the alert from autoclearing.
- Time\_stamp is the time stamp of the target server when the HealthCheck executes.
- MANAGER\_NAME is the name of the concurrent manager group, for example, STANDARD.
- (PROCESS\_NUMBER) is the process ID of the missing manager process.
- NODE\_NAME is the node where the concurrent managers are running.

### HC:005—Technical Information

**NOTE:** When a concurrent request is terminated, the associated process for that manager is killed and a new manager process is started. There may be occasions when Foglight checks for missing processes. During this termination, restart the process and alert that a manager process is missing.

## HC:006 - Concurrent Manager Control Program Check

The concurrent manager control program check notifies you of any of the following concurrent manager control programs found with a status of pending, running or completed between each HealthCheck run.

- Activate Concurrent Manager
- Deactivate Concurrent Manager

- Verify Concurrent Managers
- Restart Concurrent Manager
- Abort - Terminate concurrent requests and abort the concurrent manager
- Shutdown Concurrent Manager
- Start-up Concurrent Manager
- Suspend Concurrent Manager
- Resume Concurrent Manager
- Special Concurrent Manager Queue Control

## HC:006—HealthCheck Message

HC006:REQUEST\_ID [Time\_stamp] CONTROL PROGRAM NAME was requested at REQUESTED START DATE by REQUESTOR

Where:

- REQUEST\_ID is the concurrent request ID of the concurrent program. This is a unique identifier to prevent the alert from autoclearing.
- Time\_stamp is the time stamp of the target server when the HealthCheck executes.
- CONTROL PROGRAM NAME is the name of the requested concurrent program.
- REQUESTED START DATE is the date and time of the requested control program.
- REQUESTOR is the user requesting the control program.

## HC:006—Action on Alert

If the user requesting the concurrent manager activity is not known or the activity is not approved, then you should investigate further.

## HC:006—Technical Information

Collector	_FG_OEBS_CM_CONTROL_CHECK
Collection Frequency	5 Minutes

## HC:007 - Maintenance Mode

The 11i series of OEBS introduced Maintenance Mode. When the application is in maintenance mode, no user connections are permitted.

This alert fires when the application is either placed in and taken out of maintenance mode.

## HC:007—HealthCheck Message

HC007: [Time\_stamp] Maintenance Mode has changed from prior mode value to prior mode value

Where:

- Time\_stamp is the time stamp of the target server when the HealthCheck executes.
- Prior mode value is the maintenance mode prior to the mode change.



- Prior mode value is the maintenance mode after the mode change.

## HC:007—Action on Alert

Informational.

## HC:007—Technical Information

Collector	_FG_OEBS_MAINTENANCE_MODE
Collection Frequency	5 Minutes

## HC:008 - Unsuccessful Self Service Logins

When any account has more than a predefined number of unsuccessful logins, the Unsuccessful Self Service Logins check alerts you about the failed attempts.

Unsuccessful Self Service Logins check is set through (Default Daily). That is, if the predefined value is set to three (Default), only those accounts with more than three failed login attempts are notified.

## Agent Property—Setting Minimum Failed Attempts

Set the minimum number of failed attempts per accounts using the **Self-Service Unsuccessful Login Threshold (attempts)** HealthCheck agent property.

## HC:008—HealthCheck Message


HC008:DDD [Time\_stamp] There has been NN unsuccessful Self Service login attempt/s on the account ACCOUNT NAME (DESCRIPTION) since the last check [Last\_check\_date]

Where:

- DDD is the day of the year. This is a unique identifier to prevent the alert from autoclearing.
- Time\_stamp is the time stamp of the target server when the HealthCheck executes.
- ACCOUNT NAME (DESCRIPTION) is the account name and description of the account with more than NN failed login attempts.
- NN is the number of unsuccessful attempts.
- Last\_check\_date is the date and time the last Unsuccessful Self Service Logins check was carried out.

## HC:008—Action on Alert

When notified of unsuccessful login attempts, obtain a list of the unsuccessful self service login attempts for the selected account.

 **NOTE:** Unsuccessful login details are purged as part of the purge self service activity program.

## HC:008—Reports

Use the following Toad reports to generate a list of unsuccessful login attempts.

- FOGLIGHT OEBS V5 > Users > Unsuccessful Self Service Logins (All)

Or for a selected account use:

- FOGLIGHT OEBS V5 > Users > Unsuccessful Self Service Logins (User)

## HC:008—Technical Information

Collector	_FG_OEBS_FAILED_SS_LOGINS
Collection Frequency	Daily
Periodic Runs Entry	_FG_OEBS_FAILED_SS_LOGINS

## HC:009 - Standard Purge Check

The standard purge check checks for the three standard purge programs that affect the following application tables:

- Fnd\_concurrent\_requests
- Fnd\_logins
- Icx\_sessions

The check alerts when one or more of these tables is holding more than two months (default) of online history.

The primary aim of this check is to alert when normal purging is not being completed. Often a purge program is placed on hold for some maintenance activity, but not released.

## Agent Property—Online History Thresholds

Specify how many months of history is held online before a warning is issued. This is set in the following HealthCheck agent properties:

- Online CR History Threshold (months)
- Online FS History Threshold (months)
- Online SS History Threshold (months)

If it is the site policy to hold more history online, then set the threshold value to a higher value, for example, 60 months = five years.

## HC:009—HealthCheck Message

HC009:XX [Time\_stamp] TABLE NAME is currently holding more than NN month/s history

Where:

- XX is an indicator identifying the source object with an alert:
  - SS - Self Service
  - FS - Full Service
  - CR - Concurrent requests.
- Time\_stamp is the time stamp of the target server when the HealthCheck executes.
- TABLE NAME is the table that is not purged.
- NN is the number of months of history currently held online.

## HC:009—Action on Alert

When notified of an alert, assess why the standard purge program for that object is not running.

## HC:009—Technical Information

Collector	_FG_OEBS_STD_PURGE_CHECK
Collection Frequency	Weekly
Periodic Runs Entry	_FG_OEBS_STD_PURGE_CHECK

## HC:010 - Program Check

The program check searches for the existence of programs in the program watch list. The program in the watch list must exist with a status of pending or running, and must not be on hold.

This check can be used to ensure programs such as Purge Concurrent Requests is either running or scheduled.

## Agent Property—Program Watch List

Concurrent programs can be added or removed through the **Program Watch List** HealthCheck agent property.

The program check is activated for those programs that have the attribute **Check Exists** set to Yes.

**NOTE:** Both the Application ID and Program ID secondary agent properties are used in this check. The Program Name and Program Description secondary agent properties are free format. However, the Program Description is used in the alert message.

## HC:010—Report

A list of programs (including validation of) in the current watch list can be obtained using the following report:

- Report: OEBS > Property Concurrent Program > Watch List

## HC:010—HealthCheck Message

HC010:PID [Time\_stamp] The concurrent program Program Name was not found or may have been placed on hold

Where:

- PID is a concurrent program ID used as an identifier to prevent autoclearing of the alert.
- Time\_stamp is the time stamp of the target server when the HealthCheck executes.
- Program Name is the name of the program that could not be found.

## HC:010—Action on Alert

When notified of an alert, first check if the program was placed on hold and not released. Then, assess why the program was removed.


## HC:010—Technical Information

Collector	_FG_OEBS_PROG_CHECK
Collection Frequency	Weekly
Periodic Runs Entry	_FG_OEBS_PROG_CHECK

## HC:011 - Patch Check

The patch check reports on any patches applied. The patch check runs daily by default (default daily).

It is designed to alert the administrator to patch application activity, as well as the success or failure of applied patches.

 **NOTE:** Patches are only reported if the write to the applications ad\_patch objects.

## HC:011—HealthCheck Message

HC011:PATCH\_ID [Time\_stamp] Patch PATCH NAME, SUCCESS STATUS at DATE (Run time = RUN TIME),

Where:

- PID is a concurrent program ID used as an identifier to prevent autoclearing of the alert.
- Time\_stamp is the time stamp of the target server when the HealthCheck executes.
- SUCCESS STATUS indicates the status of the patch application displaying either “was successfully applied” or “FAILED”.
- DATE is the date the patch completes.
- RUN TIME is the total number of minutes the patch takes to apply.

## HC:011—Action on Alert


Informational.

## HC:011—Technical Information

Collector	_FG_OEBS_PATCH_CHECK
Collection Frequency	Daily
Periodic Runs Entry	_FG_OEBS_PATCH_CHECK

## HC:012 - Index Check

This check is designed to check user-selected indexes for index browning. This means it identifies indexes with over 30 percent deleted rows and whether there are rebuild candidates.

 **IMPORTANT:** Due to the resource-intensive nature of this check, this check should not be carried out during business hours.

## Agent Property—Index Watch List

Indexes can be added or removed from the watch list through the **Index Watch List** HealthCheck agent property.

### HC:012—HealthCheck Message

HC012:OBJID [Time\_stamp] Index INDEX\_OWNER.INDEX\_NAME has PCT % deleted rows.

The following alert displays if the index is in use at the time of the check and was not checked.

HC012:OBJID [Time\_stamp] Index INDEX\_OWNER.INDEX\_NAME was busy and was not checked

The following alert displays if the index owner and name entered in the property does not exist.

HC012:OBJID [Time\_stamp] Index INDEX\_OWNER.INDEX\_NAME entered in the Index Check Property does not exist

Where:

- OBJID is the internal index object number. This is a unique identifier to prevent the alert from autoclearing.
- Time\_stamp is the time stamp of the target server when the HealthCheck executes.
- INDEX\_OWNER.INDEX\_NAME is the index owner and name of the index being checked.
- PCT is the percentage of deleted rows in the index.

### HC:012—Action on Alert

Schedule the index for rebuild.

### HC:012—Technical Information

Collector	_FG_OEBS_INDEX_CHECK
Collection Frequency	Weekly
Periodic Runs Entry	_FG_OEBS_INDEX_CHECK

## HC:013 - OAM Service

The OAM (Oracle Application Manager) check reports on the status of application services as reported by Oracle's OAM application, which is up through Foglight.

## Agent Property—OAM Services List

OAM service to be reported up to Foglight can be added or removed through **OAM Services List** HealthCheck agent property.

## HC:013—HealthCheck Message

HC013: [Time\_stamp] OAM has reported that METRIC SHORT NAME - METRIC DESCRIPTION has a status of METRIC STATUS

Where:


- Time\_stamp is the time stamp of the target server when the HealthCheck executes.
- METRIC SHORT NAME is OAM metric short name of the metric being reported.
- METRIC DESCRIPTION is OAM metric description.
- METRIC STATUS is status of the metric being reported.

## HC:013—Action on Alert

Informational.

## HC:013—Technical Information

Collector	_FG_OEBS_OAM_SERVICE
Collection Frequency	5 Min

 **NOTE:** The OAM metric must be enabled through the OAM application for it to be reported through Foglight.

## HC:014 - GL Optimizer

The GL (General Ledger) Program Optimizer collects statistics on:

- Accounts in a segment.
- Account balances associated with each period.
- Size of balances and combinations tables.

This aids performance of journal entry/import, posting and financial reporting (FSGs, Financial Statement Generators).

This checks on the last time the GL Program Optimizer ran and reports that the program has not run in the past month.

 **NOTE:** The GL Optimizer only reports if either GL Posting or FSGs are run.

## HC:014—HealthCheck Message

HC014: [Time\_stamp] The GL Program Optimizer was last run on DATE over NN months ago

Where:

- Time\_stamp is the time stamp of the target server when the HealthCheck executes.
- DATE is the date and day the program optimizer last ran.
- NN is the number of months since the last optimizer run.

## HC:014—Action on Alert

This alert indicates the GL posting at FSGs was running and the optimizer stats are out of date. Assess why the optimizer did not run.

## HC:014—Technical Information

Collector	_FG_OEBS_GL_OPT
Collection Frequency	Monthly
Periodic Runs Entry	_FG_OEBS_GL_OPT

## HC:015 - GL Unposted Batches

This checks for the existence of unposted GL batches that are older than one month.

## HC:015—HealthCheck Message

HC015: [Time\_stamp] NN unposted GL batches were found with the oldest entry at XX months

## HC:015—Action on Alert

Notify your accounting office immediately.

## HC:015—Report

A list of unposted batches can be obtained using the following Toad report:

- Report: FOGLIGHT OEBS V5 > GL > GL Un-posted Batches.

## HC:015—Technical Information

Collector	_FG_OEBS_GL_UNPOSTED
Collection Frequency	Monthly
Periodic Runs Entry	_FG_OEBS_GL_UNPOSTED

## HC:016 - Inventory Interface

Checks the content of the inventory mtl\_demand\_interface table and reports on entries that either are not processed or processed with errors.

## HC:016—HealthCheck Message

HC016: [Time\_stamp] The Inventory Interface table MTL\_DEMAND\_INTERFACE is holding NN error entries, the oldest of which is XX months

Where:

- Time\_stamp is the time stamp of the target server when the HealthCheck executes.
- NN is the number of entries in the table.
- XX is the age, in months, of the oldest entry.

## HC:016—Action on Alert

Assess what records are remaining in the interface table and correct them.

## HC:016—Technical Information

Collector	_FG_OEBS_INV_INTERFACE
Collection Frequency	Monthly
Periodic Runs Entry	_FG_OEBS_INV_INTERFACE

## HC:017 - Receivables Interface

Checks the content of the rcv\_transactions\_interface table and reports on entries older than two months.

## HC:017—HealthCheck Message

HC017: [Time\_stamp] The Receivables Interface table RCV\_TRANSACTIONS\_INTERFACE is holding NN entry/s, with a transaction date > 2 (two) months

Where:

- Time\_stamp is the time stamp of the target server when the HealthCheck executes.
- NN is the number of entries in the table.

## HC:017—Action on Alert

Assess what records are remaining in the interface table and correct them.

## HC:017—Technical Information

Collector	_FG_OEBS_RCV_INTERFACE
Collection Frequency	Monthly
Periodic Runs Entry	_FG_OEBS_RCV_INTERFACE

## HC:018 - Invalid Objects

Reports the number of invalid objects since the prior collection (Daily).



## HC:018—HealthCheck Message

HC018: [Time\_stamp] NN application objects have become invalid since LAST\_CHECK\_DATE

Where:

- Time\_stamp is the time stamp of the target server when the HealthCheck executes.
- NN is the number of new invalid objects.
- LAST\_CHECK\_DATE is the date when Foglight last checked invalid objects.

## HC:018—Action on Alert

Notify the DBA that there are NN new invalid objects.

## HC:018—Technical Information

Collector	_FG_OEBS_INVALID_OBJECTS
Collection Frequency	Daily
Periodic Runs Entry	_FG_OEBS_INVALID_OBJECTS

## HC:019 - Blocking Locks

Reports on the existence of application blocking locks, which is any lock blocking for greater than 60 seconds.

The alert identifies the locked object and the application user holding the lock.

## HC:019—HealthCheck Message

HC019:OBJ [Time\_stamp] USER\_NAME has been holding a blocking lock on LOCKED\_OBJECT for NN seconds

Where:

- OBJ is the internal object number, a unique identifier for multiple locks that are reported and not autocleared.
- Time\_stamp is the time stamp of the target server when the HealthCheck executes.
- USER\_NAME is the application user holding the lock.
- LOCKED\_OBJECT is the name of the object being locked.
- NN is the number of seconds the lock is blocked at the time of the sample.

## HC:019—Action on Alert

Notify the DBA of the existence of application blocking locks.


## HC:019—Technical Information

Collector	_FG_OEBS_BLOCKING_LOCKS
Collection Frequency	5 Minutes

## HC:020 - Dead Sessions

A dead session is created when a full service session is abnormally terminated. When this occurs, the audit entry in `fnd_logins` is not end dated. As dead sessions do not have an end date, they are not purged by the normal sign-on purge program and require manual cleanup.

The Dead Sessions HealthCheck reports on the number of records in the `fnd_logins` table that do not have an end date and are older than the last database restart. This is based on the fact that any session prior to the last database restart is closed.

 **NOTE:** The alert only notifies if there are more than 100 dead sessions.

### HC:020—HealthCheck Message

HC020 [Time\_stamp] There are NN dead sessions in the FND\_LOGINS table

Where:

- Time\_stamp is the time stamp of the target server when the HealthCheck executes.
- NN The number dead sessions.

### HC:020—Action on Alert

Notify the DBA of the existence of dead sessions. A manual cleanup is required to clean up dead sessions.

### HC:020—Technical Information

Collector	_FG_OEBS_DEAD_SESSIONS
Collection Frequency	Monthly
Periodic Runs Entry	_FG_OEBS_DEAD_SESSIONS

## HC:021 - Site Details

This alert is predominantly informational. The alert fires when there are changes made to the following:

- The Site Name
- Sign-on Audit Level
- Application Version

### HC:021—HealthCheck Message

There are three messages associated with this check:

- HC020:V [Time\_stamp] The application version has changed from `oebs_old_version` to `new_oebs_version`.
- HC020:S [Time\_stamp] The application site name has been changed to `new_oebs_site_name`.
- HC020:A [Time\_stamp] The application Sign-on audit level has changed from `old_sign_on_audit_level` to `new_sign_on_audit_level`.

Where:

- Time\_stamp is the time stamp of the target server when the HealthCheck executes.

## HC:021—Action on Alert

Informational.

## HC:021—Technical Information

Collector	_FG_OEBS_SITE_DETAILS
Collection Frequency	Daily
Periodic Runs Entry	_FG_OEBS_SITE_DETAILS

## HC:022 - On Hold Requests

Often requests are placed on hold but never released or removed. This alert checks for requests on hold for greater than six months.

## HC:022—HealthCheck Message

HC020:V [Time\_stamp] There are NN on hold requests that are older than 6 months

Where:

- Time\_stamp is the time stamp of the target server when the HealthCheck executes.
- NN is the number of on hold requests.

## HC:022—Action on Alert

Keep the application clean by identifying and removing old requests.

## HC:022—Technical Information

Collector	_FG_OEBS_AGED_on hold
Collection Frequency	Monthly
Periodic Runs Entry	_FG_OEBS_AGED_on hold

## Turning Off Individual HealthCheck Items

The Foglight OEBS HealthCheck is a single collector comprising of approximately 22 individual checks.


The health check collector can be disabled at the Properties level by setting the collection frequency to zero. This disables the entire Health Check. However, it is possible to disable selected HealthCheck items.

There may be occasions where individual HealthCheck components are not relevant, such as in a non-production environment.

The table below indicates the individual HealthCheck item that can be turned off manually.

HealthCheck Item	CollectorName	Turning Off Possible
HC:0001	_FG_OEBS_AGED_ACCOUNTS	Yes
HC:0002	_FG_OEBS_ACC_END_DATE	Yes
HC:0003	_FG_OEBS_CBO_STATS_CHECK	Yes
HC:0004	_FG_OEBS_FAILED_FS_LOGINS	Yes
HC:0005	_FG_OEBS_CM_PROCESS_CHECK	No
HC:0006	_FG_OEBS_CM_CONTROL_CHECK	No
HC:000	_FG_OEBS_MAINTENANCE_MODE	No
HC:0008	_FG_OEBS_FAILED_SS_LOGINS	Yes
HC:0009	_FG_OEBS_STD_PURGE_CHECK	Yes
HC:0010	_FG_OEBS_PROG_CHECK	Yes
HC:0011	_FG_OEBS_PATCH_CHECK	Yes
HC:0012	_FG_OEBS_INDEX_CHECK	Yes
HC:0013	_FG_OEBS_OAM_SERVICE	Yes*
HC:0014	_FG_OEBS_GL_OPT	Yes
HC:0015	_FG_OEBS_GL_UNPOSTED	Yes
HC:0016	_FG_OEBS_INV_INTERFACE	Yes
HC:0017	_FG_OEBS_RCV_INTERFACE	Yes
HC:0018	_FG_OEBS_INVALID_OBJECTS	Yes
HC:0019	_FG_OEBS_BLOCKING_LOCKS	No
HC:0020	_FG_OEBS_DEAD_SESSIONS	Yes
HC:0021	_FG_OEBS_SITE_DETAILS	Yes
HC:0022	_FG_OEBS_AGED_on hold	Yes
Various	_FG_OEBS_ALERT_SUMMARY	No

Each of the Health Checks verify the Foglight application side table `_FG_OEBS_PERIODIC_RUNS` for the time (in days) between the last date the collector ran (`last_run_date`) to determine if the collector should run.

 **TIP:** If you set the last run date to a date in the distant future, for example, 10 years, the collector does not run.

\*The `_FG_OEBS_OAM_SERVICE` collector can be disabled by setting the collector `_FG_OEBS_OAM_STATUS` in the server side table `_FG_OEBS_CONFIG` to any value other than Enabled.

# OEB Database Agent Views

Foglight displays monitoring data in views that group, format, and display data. The main types are described below.

Dashboards are top-level views that do not receive data from other views. Dashboards usually contain a number of lower-level views. The dashboards supplied with Foglight, as well as those created by users, are available in the navigation panel.

Lower-level views in Foglight can be added to dashboards or can be accessed by drilling down from a dashboard. They receive and display data directly from the Foglight Management Server or from other views. Some views filter or select data that appears in other views in the same dashboard. Some are tree views with expandable nodes for selecting servers, applications, or data.

The OEBDatabase Agent includes the following views:

- [Application Account Views](#)
- [Application Response Time Views](#)
- [Availability Views](#)
- [CR—Completed Requests Views](#)
- [CR—Concurrent Requests Views](#)
- [OM—Object Monitor Views](#)
- [USERS Views](#)
- [UT—Uptime Views](#)
- [WF—Workflow Views](#)

## Application Account Views

The OEBDatabase Agent includes the following application account view:

- [Application Account \(Threshold\) with Agent Selector View](#)

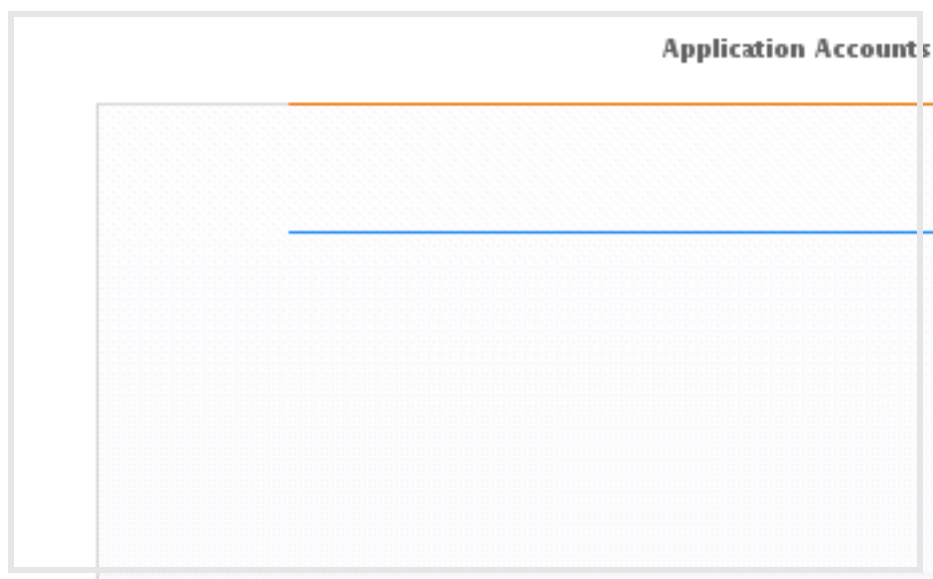
## Application Account (Threshold) with Agent Selector View

### Purpose

This collector runs daily recording the number of active application accounts at the time of the collection.

An active account is defined as any registered application account where:

- The account start date is passed.
- The account end data is not set.
- An end date is set and that date is not reached.



## Use Case

Use this collector to track of the number of active application accounts.

License level: Setting **Active Accounts Warning Threshold** agent property value to the number of licenses warns when that number has been reached.

SLA balancing measure: The Active accounts can be used as part of an SLA balancing measure. For example, the response time SLA (Service Level Agreement) can be held while there are less than X accounts.

## Description of the View

Data Displayed	Active Accounts. The number of active accounts.
	Warning Threshold. The warning threshold for the Active Accounts can be set using the Active Accounts Warning Threshold agent property.
Where to go next	n/a.

## Technical Information

Foglight Table	ActiveAccounts
Collector	_FG_OEBS_ACTIVE_ACCOUNTS
Collection Frequency	Daily
Periodic Run Entry	_FG_OEBS_ACTIVE_ACCOUNTS
Rule	Active Accounts - Active Accounts (Property)

## Rule Message

AA: The number of active application accounts has exceeded the property level of nn.

## Reports

A report of active accounts can be obtained using:

- Report: FOGLIGHT OEBS V5 > Accounts > Accounts Active

A report of accounts created in the past X months can be obtained using:

- Report: FOGLIGHT OEBS V5 > Accounts > New Accounts (Months)

## Application Response Time Views

The OEBCDatabase Agent includes the following application response time views:

- [Application Response Time \(Baseline\) with Agent Selector View](#)
- [Application Response Time \(Historical\) with Agent Selector View](#)
- [Application Response Time \(Threshold\) with Agent Selector View](#)

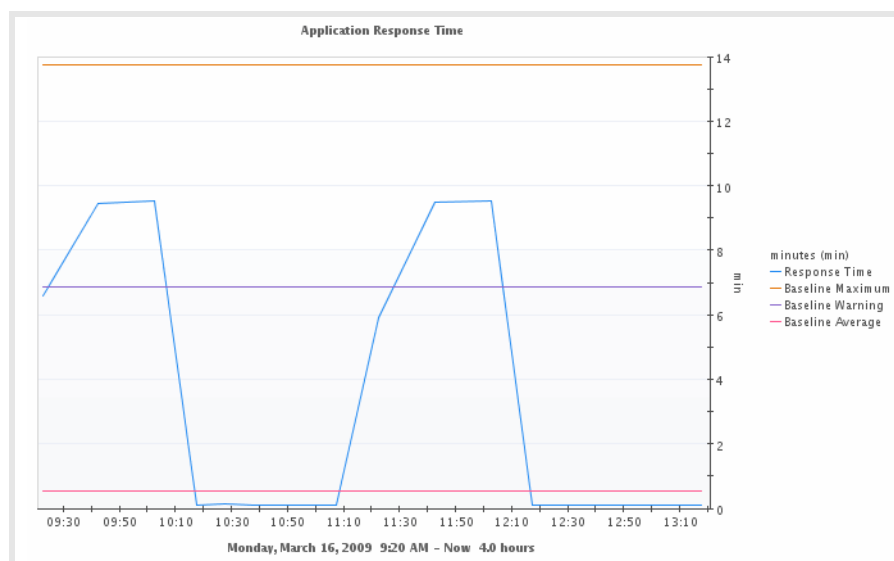
### Application Response Time (Baseline) with Agent Selector View

#### Purpose

By default, Foglight uses the response time (runtime) of the concurrent program FNDOAMCOL, as this program performs the same tasks each time it is run. Its response time represents the overall response time of the application.

This program should not be changed unless the FNDOAMCOL program does not exist (OEB version 11.0).

Where the program does not exist, the monitored program property can be set to any suitable concurrent program or the collector should be turned off.



#### Description of the View

Data Displayed	Response Time. The runtime of the concurrent program FNDOAMCOL.
	Baseline Maximum. The baseline maximum level is based on averages of the application response time history.
	Baseline Warning. The baseline warning level is based on averages of the application response time history.

**Baseline Average.** The baseline average level is based on averages the application response time history.

Where to go next    n/a.

## Technical Information

Foglight Table	ApplicationResponseTime
Collector	_FG_OEBS_RESPONSE_TIME
Collection Frequency	5 Minutes
Periodic Run Entry	Not applicable
Rule	Response Time Baseline—Application Response Time Baseline (RT:BL)

## Rule Message

RT:BL [Time Stamp] Application Response Time has exceeded the baseline [Alert Level] threshold of XX seconds,

where:

- The time stamp is the application time of the alert.

## Action on Alert

When a response time alert is received, the first step is to identify what user activity was occurring when the response time notification occurred. This helps to identify:

- If user activity is the cause of the response time alert.
- If users were affected by the response time issue.

# Application Response Time (Historical) with Agent Selector View

## Purpose


The response time history collector has two purposes:

- Collect and report the response time activity for the prior day.
- Update the response time baseline values.

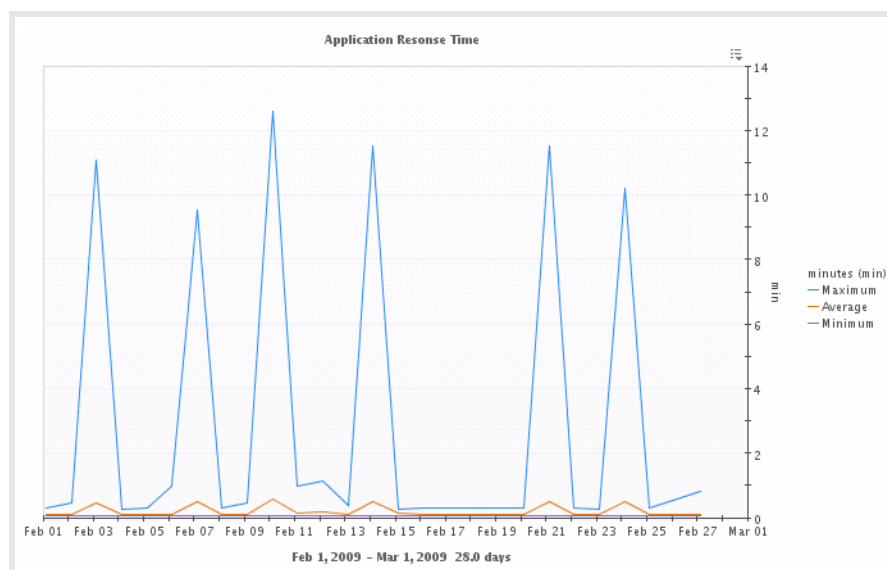
**Historical response time.** The aim of this collector is to provide historical information (daily) showing the overall application response time over a period of time. Regular response time patterns should become clear relating to high processing activities such as month end.

**Response Time Historical for Baseline.** The second purpose is to collect and record the response time history of the FNDOAMCOL program for the available information held in fnd\_concurrent\_requests for the baseline alerting values.

There is generally lower application activity over the weekends and during non- business hours. Collecting baseline activity during these periods lowers the overall baseline warning level and potentially results in false alarms. The baseline history is based only on working days (Monday through Friday) and for application activity between the hours of 8:00am and 6:00pm.

 **NOTE:** This information is used for long term and intra month activity trending.





## Description of the View

Data Displayed	Maximum. The maximum response time for the previous day.
	Average. The average response time for the previous day.
	Minimum. The minimum response time for the previous day.
Where to go next	n/a.

## Technical Information

Foglight Table	ApplicationResponseTimeHistory
Collector	_FG_OEBS_RESPONSE_TIME_H
Collection Frequency	Daily
Periodic Run Entry	_FG_OEBS_RESPONSE_TIME_H
Rule	Not applicable

## Rule Message

Not applicable.

## Action on Alert

No alerts are raised from this collector. Its primary use is for capacity planning and reference.

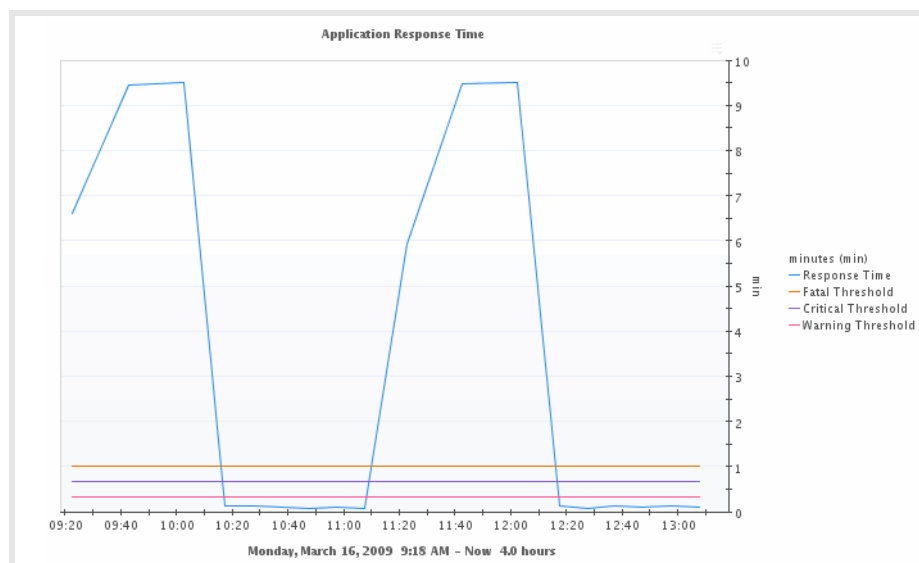
# Application Response Time (Threshold) with Agent Selector View

## Purpose

By default, Foglight uses the response time (runtime) of the concurrent program FNDOAMCOL, because this program performs the same tasks each time it is run. Its response time represents the overall response time of the application.

This program should not be changed unless the FNDOAMCOL program does not exist (OEB version 11.0).

Where the program does not exist, the monitored program property can be set to any suitable concurrent program, or the collector should be turned off.



## Description of the View

Data Displayed	Response Time. The runtime (in minutes) of the concurrent program FNDOAMCOL.
	Fatal Threshold. The fatal threshold for application response time (in minutes). This value can be set using the <b>Response Time Fatal Threshold</b> agent property.
	Critical Threshold. The critical threshold for application response time (in minutes). This value can be set using the <b>Response Time Critical Threshold</b> agent property.
	Warning Threshold. The warning threshold for application response time (in minutes). This value can be set using the <b>Response Time Warning Threshold</b> agent property.
Where to go next	n/a.

## Technical Information

Foglight Table	ApplicationResponseTime
Collector	_FG_OEBS_RESPONSE_TIME
Collection Frequency	5 Minutes
Periodic Run Entry	N/A

Rule	Response Time Property - Application Response Time Property (RT:Property)
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## Rule Message

RT:Property [Time Stamp] Application Response Time has exceeded the property [Alert Level] threshold of n seconds,

Where:

- The time stamp is the application time of the alert.

## Action on Alert

When a Response time alert is received, the first step is to identify what user activity was occurring when the response time notification occurred. This helps to identify the cause as described below.

- Identify if user activity was the cause of the response time alert.
- Identify the users affected by the response time issue.

## Availability Views

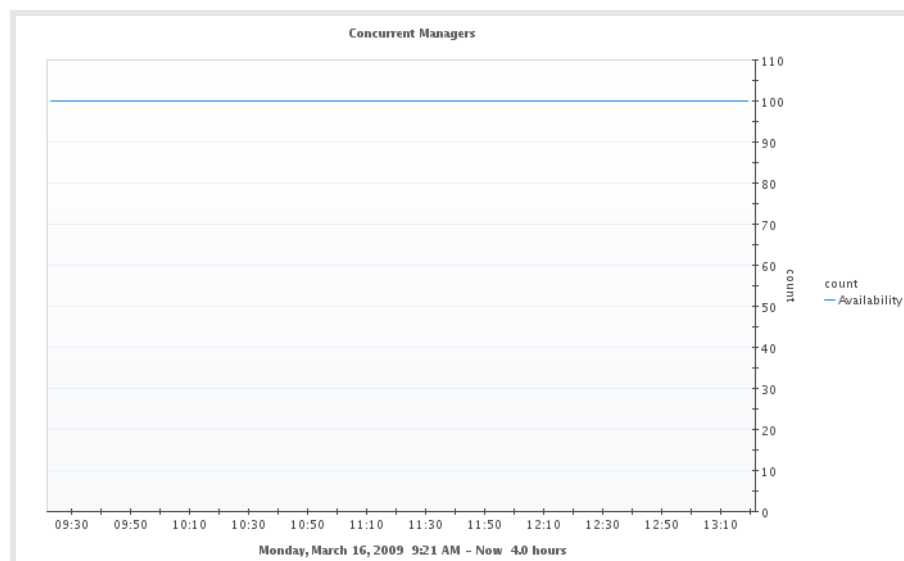
The OEEDatabase Agent includes the following availability views:

- [Availability—Concurrent Managers with Agent Selector View](#)
- [Availability—Maintenance Mode with Agent Selector View](#)
- [Availability—Workflow Mailer Service with Agent Selector View](#)

## Availability—Concurrent Managers with Agent Selector View

### Purpose

This collector reports on the overall availability of the concurrent managers by checking if the internal concurrent manger is running. If it is running, the collector checks if there is a valid process.



## Description of the View

**Availability.** The availability of the concurrent managers. There are two values reported by this collector:

- |                       |   |
|-----------------------|---|
| <b>Data Displayed</b> | <ul style="list-style-type: none"><li>• 100: The internal concurrent manager is available and has a valid process.</li><li>• 0: The internal manager has been shut down or no longer has a valid process.</li></ul> |
|-----------------------|---|

<b>Where to go next</b>	n/a.
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## Technical Information

Foglight Table	Availability
Collector	_FG_OEBS_AVAILABILITY
Collection Frequency	5 Minutes
Periodic Run Entry	Not applicable
Rule	CM Availability - Concurrent Manager Status (AV:CM01)

## Rule Message

AV:CM01: Concurrent managers are down.

## Action on Alert


When an alert is raised from this collector, complete the following actions:

- Use the chart drilldown to determine the time and duration of the concurrent manager shutdown.
- Use the notice board to determine if a concurrent manager shutdown request was issued (refer to the Foglight OEBS HealthCheck Function).
- If no shutdown request was issued, check the status of the database with the DBAs.

## Availability—Maintenance Mode with Agent Selector View

### Purpose

When the OEBS application is in maintenance mode, users are prevented from accessing the application. This collector checks the maintenance mode profile option setting to determine if the application is in maintenance mode.

 **NOTE:** The maintenance mode feature was not available in earlier releases of the OEBS cartridge.



## Description of the View

Data Displayed	<b>Availability.</b> The availability of the maintenance mode. There are two values reported by this collector:
	<ul style="list-style-type: none"><li>• 100: The OEBS application is in maintenance mode.</li><li>• 0: The OEBS application is not in maintenance mode and available for use.</li></ul>
Where to go next	n/a.

## Technical Information

Foglight Table	Availability
Collector	_FG_OEBS_AVAILABILITY
Collection Frequency	5 Minutes
Periodic Run Entry	Not applicable
Rule	Maintenance Mode - Maintenance Mode Status (AV:MM01)

## Rule Message

AV:MM01: OEBS is in Maintenance Mode. Users cannot connect to the Application.


## Action on Alert

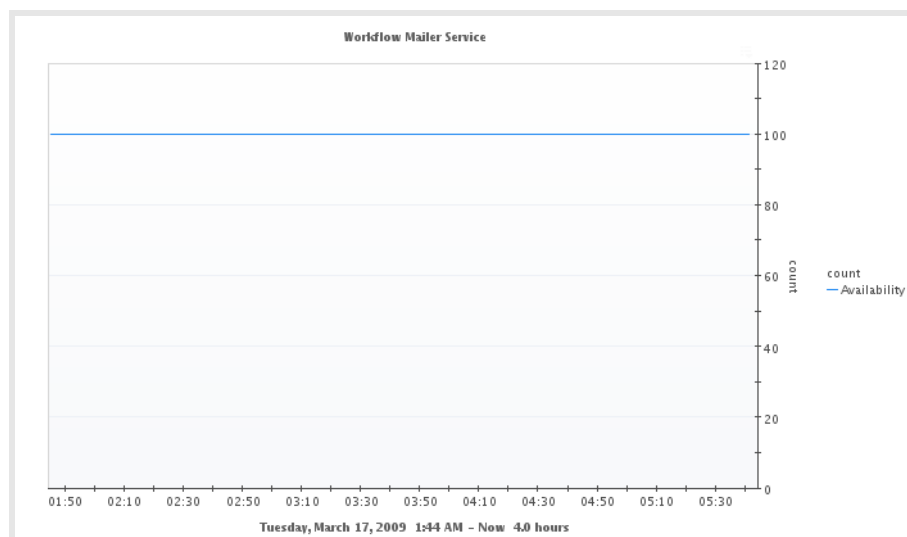
Use the chart drilldown to determine the time and duration of the maintenance mode window. It may be that the OEBS application was not released from maintenance mode after a patch was applied.

# Availability—Workflow Mailer Service with Agent Selector View

## Purpose

This collector reports on the overall availability of the workflow mailer service by checking if the workflow mailer service is running. If it is running, the collector checks if there a valid process.

 **NOTE:** The workflow mailer service was not available in earlier releases of OEBS.



## Description of the View

**Data Displayed**      **Availability.** The availability of the workflow mailer service. There are two values reported by this collector:

- 100: The OEBS application is in maintenance mode.
- 0: The OEBS application is not in maintenance mode and available for use.

**Where to go next**      n/a.

## Technical Information

Foglight Table	Availability
Collector	_FG_OEBS_AVAILABILITY
Collection Frequency	5 Minutes
Periodic Run Entry	N/A
Rule	WFMAvailability - Workflow Mailer Service Status (AV:WF01)


## Rule Message

AV:WF01: Workflow mailer service is down.

## Action on Alert

When an alert is raised from this collector, do the following actions:

- Use the chart drilldown to determine the time and duration of the workflow mailer Service outage.
- Use the notice board to determine if a concurrent manager shutdown request was issued (refer to the Foglight Cartridge for OEB HealthCheck function).
- If no shutdown request was issued, check the status of the concurrent managers with the DBAs.

 **NOTE:** As the workflow mailer service is a concurrent manager process, it is reported as down when the concurrent managers are shut down.

## CR—Completed Requests Views

The OEEDatabase Agent includes the following completed requests views:

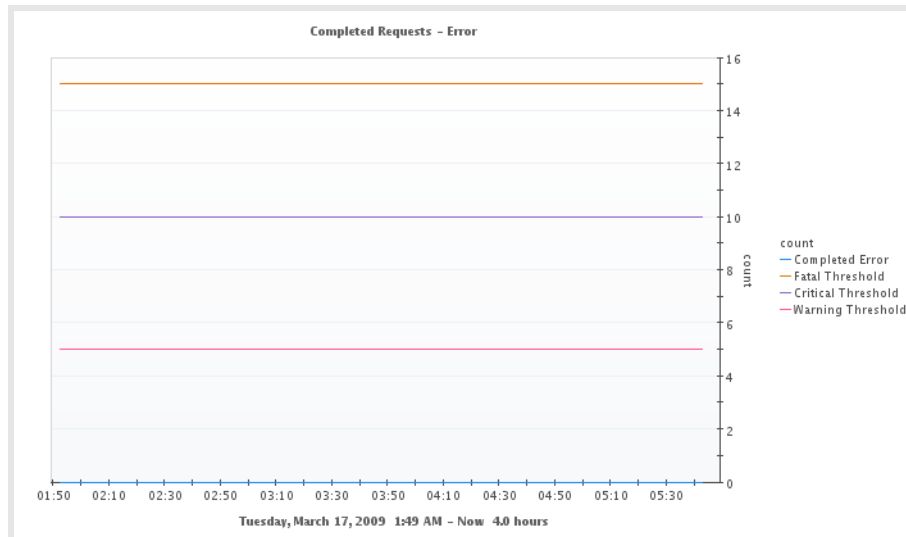
- [CR—Completed Requests Error \(Threshold\) with Agent Selector View](#)
- [CR—Completed Requests Error—Warning \(Historical\) with Agent Selector View](#)
- [CR—Completed Requests Error—Warning with Agent Selector View](#)
- [CR—Completed Requests FSG with Agent Selector View](#)
- [CR—Completed Requests Total \(Baseline\) with Agent Selector View](#)
- [CR—Completed Requests Total \(Historical\) with Agent Selector View](#)
- [CR—Completed Requests Total \(Threshold\) with Agent Selector View](#)
- [CR—Completed Requests Warning \(Threshold\) with Agent Selector View](#)

## CR—Completed Requests Error (Threshold) with Agent Selector View

### Purpose

This collector reports the number of requests that completed with a status of Error since midnight server time. The number is reset to zero at midnight and new errors are recorded.

For example, if a reports server failure causes all requests to complete with a status of Error, a chart drilldown can be used to track the error.



## Description of the View

Data Displayed	Completed Error. The number of requests that completed with a status of Error.
	<b>Fatal Threshold.</b> The fatal threshold for number of requests that completed with a status of Error. This value can be set using the 'Completed Error' Fatal Threshold agent property. <b>NOTE:</b> The Alert Completed Requests Using agent property refers to completed requests only.
	<b>Critical Threshold.</b> The critical threshold for number of requests that completed with a status of Error. This value can be set using the 'Completed Error' Critical Threshold agent property.
	<b>Warning Threshold.</b> The warning threshold for number of requests that completed with a status of Error. This value can be set using the 'Completed Error' Warning Threshold agent property.
Where to go next	n/a.

## Technical Information

Foglight Table	CompletedRequests
Collector	_FG_OEBS_CR_COMPLETED
Collection Frequency	5 Minutes
Periodic Run Entry	Not applicable
Rule	CompletedError - CR Completed Requests Error (Property) (CR:CE:Property)

## Rule Message

CR:CE:Property: [TimeStamp] The number of requests that have completed with a status of ERROR has exceeded the Property [Alert Level] threshold of [Property Value].

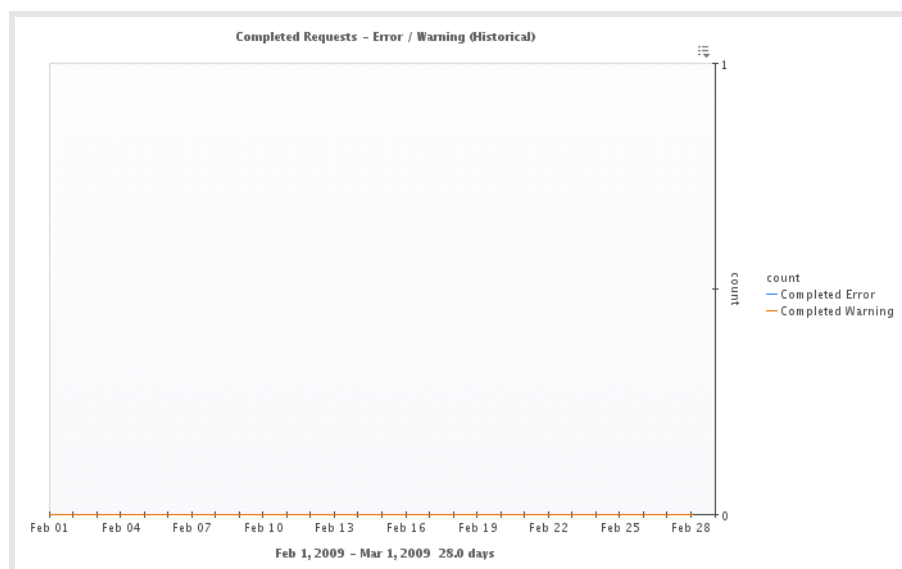


# CR—Completed Requests Error—Warning (Historical) with Agent Selector View

## Purpose

The Completed Requests Error—Warning (Historical) with Agent Selector provides a combined intraday view of the error and warning activity. This collector runs daily and reports on the total number of requests that completed with a status of error or warning. Primarily, it is used for longer term trending and reporting.

This collector also updates the historical stats used in Foglight base lining of concurrent request activity (total completed requests).



## Description of the View

Data Displayed	Completed Error. The number of requests that completed with a status of Error.
----------------	--

	Completed Warning. The number of requests that completed with a status of Warning.
--	--

Where to go next	n/a.
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## Technical Information

Foglight Table	CompletedRequestsHistory
Collector	_FG_OEBS_CR_COMPLETED_H
Collection Frequency	Daily
Periodic Run Entry	Not applicable
Rule	Not applicable

## Rule Message

Not applicable.

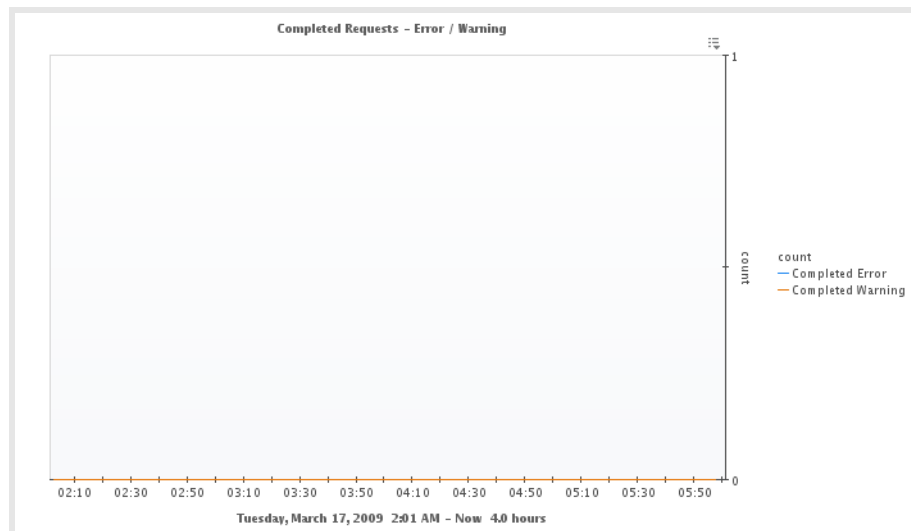
## Action on Alert

Not applicable.

# CR—Completed Requests Error—Warning with Agent Selector View

## Purpose

The Completed Requests Error—Warning provides a combined intraday view of the error and warning activity. Primarily, it is used for intraday tending and reporting.



## Description of the View

Data Displayed	<b>Completed Error.</b> The number of requests that completed since midnight server time with a status of Error.
	<b>Completed Warning.</b> The number of requests that completed since midnight server time with a status of Warning.
Where to go next	n/a.

## Technical Information

Foglight Table	CompletedRequests
Collector	_FG_OEBS_CR_COMPLETED
Collection Frequency	5 Minutes
Periodic Run Entry	Not applicable
Rule	Not applicable

## Rule Message

Not applicable.

## Action on Alert

Not applicable.

# CR—Completed Requests FSG with Agent Selector View

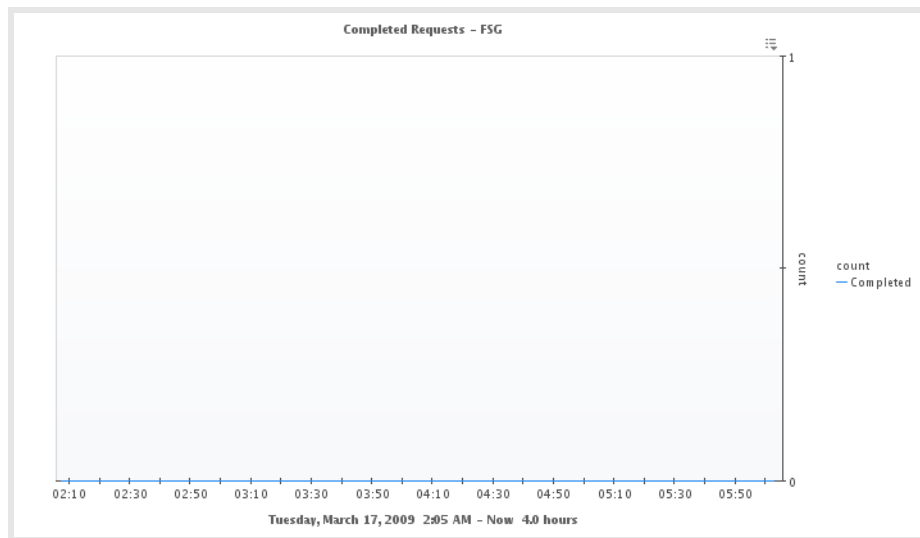
## Purpose

An FSG is a General Ledger - Financial Statement Generator Report. They are generally very resource intensive and cannot be easily tuned.

The bulk of the FSG activity generally occurs around the month end processing period.

This collector reports the number of FSGs that completed since midnight server time. The number is reset to zero at midnight and new FSG is recorded.

Generally, when there is a lot of FSG activity, there is an associated performance hit on the application server.



## Description of the View

**Data Displayed** Completed. The number of FSGs that completed since midnight server time.

**Where to go next** n/a.

## Technical Information

Foglight Table	CompletedRequests
Collector	_FG_OEBS_CR_COMPLETED
Collection Frequency	5 Minutes
Periodic Run Entry	Not applicable
Rule	Not applicable

## Rule Message

Not applicable.

## Action on Alert

On any day where you process more concurrent requests than normal, it is important to understand who and what module are generating the excessive number of requests.

- Total Complete Warning Threshold
- Total Complete Critical Threshold
- Total Complete Fatal Threshold

## CR—Completed Requests Total (Baseline) with Agent Selector View

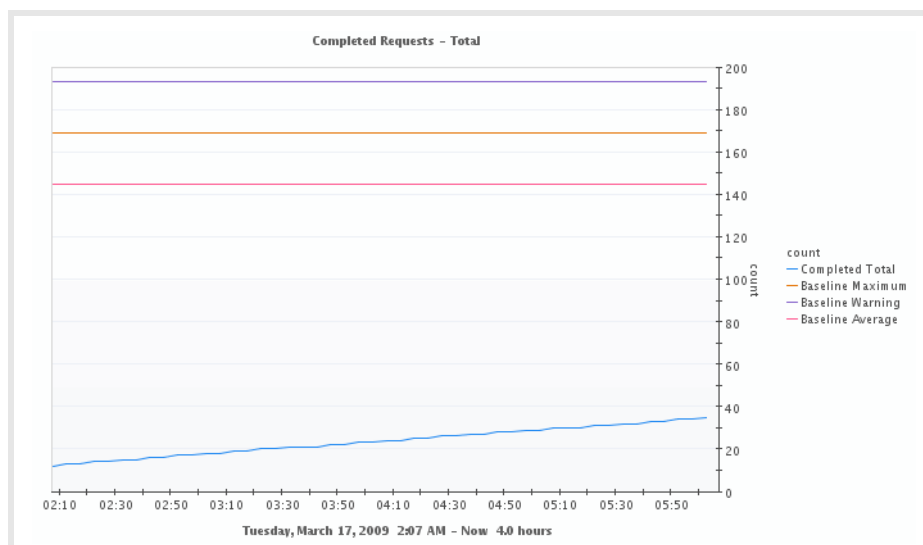
### Purpose

This collector reports the number of requests that have completed since midnight server time. The number is reset to zero at midnight and a new request count is recorded.

The chart that appears in Completed Requests Total (Baseline) collector provides an insight as to the request processing profile during each day.

Also the peak for each day shows the maximum number of requests being processed on a daily basis. In the longer term you can see if the overall application load is increasing and determine that rate of increase.

The baseline average, baseline maximum and baseline warning levels are based on historical averages of the available online concurrent processing history. The history has been restricted to working days (Monday to Friday) so as to exclude the lower processing activity that occurs over week ends.



### Interpreting the chart

If the number of completed requests exceeds the average value before midday then performance is below optimum. That is, more than the normal number of requests are being generated.

From this chart, you can see the maximum number of requests that have been completed in the available online concurrent processing history.

The baseline warning level is set to the average plus three standard deviations.

## Description of the View

Data Displayed	<b>Completed Total.</b> The total number of requests that have completed since midnight server time.
	<b>Baseline Maximum.</b> The baseline maximum level is based on averages of the available online concurrent processing history.
	<b>Baseline Warning.</b> The baseline warning level is based on averages of the available online concurrent processing history.
	<b>Baseline Average.</b> The baseline average level is based on averages of the available online concurrent processing history.
Where to go next	n/a.

## Technical Information

Foglight Table	CompletedRequests
Collector	_FG_OEBS_CR_COMPLETED
Collection Frequency	5 Minutes
Periodic Run Entry	Not applicable
Rule	CompletedTotalBL - CR Completed Requests Total (Baseline) (CR:CT:BL)

## Rule Message

CR:CT:BL: [TimeStamp] The total number of completed requests has exceeded the baseline warning threshold of [Baseline Value].

## Action on Alert

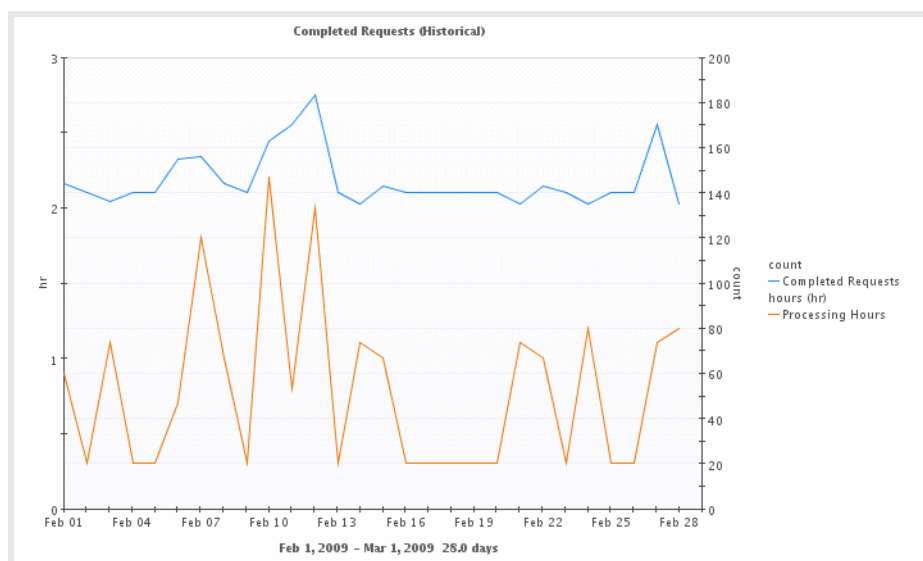
On any day where you process more concurrent requests than normal, it is important to understand who and what module is generating the excessive number of requests.

# CR—Completed Requests Total (Historical) with Agent Selector View

## Purpose

The Concurrent Request history collector has two purposes:

- Collect and report the total concurrent request activity for the prior day.
- Update the concurrent request activity baseline values.



## Historical Concurrent Request Activity

The aim of this collector is to provide daily historical information showing the overall concurrent request activity over time.

Regular concurrent request activity patterns should become clear over time relating to high processing periods, such as month end.

## Concurrent Request Historical for Baseline

The second purpose of this collector is to collect and record the concurrent request activity history from the available information held in `fnd_concurrent_requests` for the baseline alerting values.

There is generally lower application activity over the weekends and during non-business hours. Collecting baseline activity during these periods lowers the overall baseline warning level and potentially results in false alarms. Due to this, the baseline history is based only on working days (Monday through Friday).

## Description of the View

Data Displayed	Completed Requests. The number of concurrent requests that have completed for the day.
	Processing Hours. The number of hours spent processing concurrent requests.
Where to go next	n/a.

## Technical Information

Foglight Table	CompletedRequestsHistory
Collector	_FG_OEBS_CR_COMPLETED_H
Collection Frequency	Daily
Periodic Run Entry	_FG_OEBS_CR_COMPLETED_H
Rule	Not applicable.

## Rule Message

Not applicable.

# CR—Completed Requests Total (Threshold) with Agent Selector View

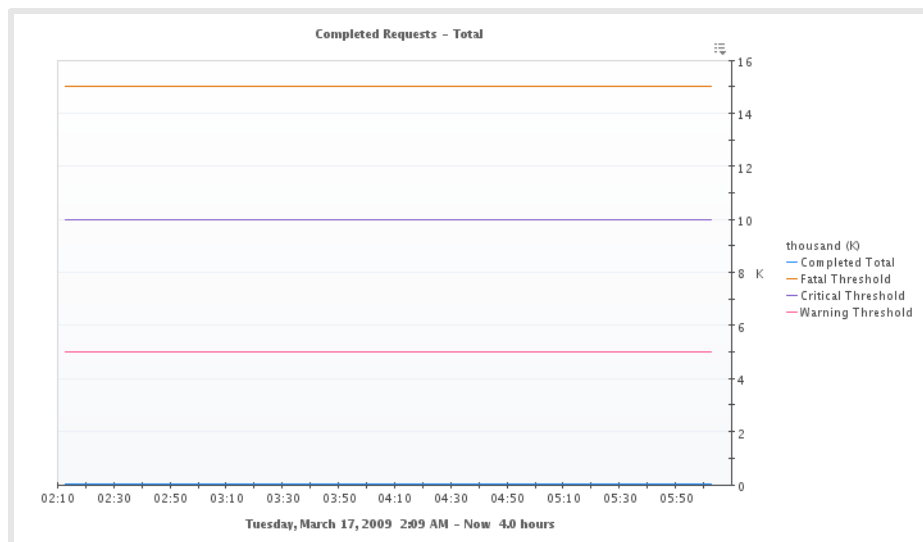
## Purpose

This collector reports the number of complete requests that have completed since midnight server time. The number is reset to zero at midnight and a new request count is recorded.

As the majority of the application work load is through the concurrent requests, it is important to know the request processing profile over time.

The chart that appears in Completed Requests Total (Property) collector provides an insight as to the request processing profile during each day.

Also, the peak for each day shows the maximum number of requests being processed on a daily basis. In the longer term, you can see if the overall application load is increasing, and determine that rate of increase.



## Description of the View

Data Displayed	Completed Total. The total number of requests that completed.
	Fatal Threshold. The fatal threshold for the total number of completed requests. This value can be set using the Total 'Completed' Fatal Threshold agent property. <b>NOTE:</b> The Alert Completed Requests Using agent property refers to completed requests only.
	Critical Threshold. The critical threshold for the total number of completed requests. This value can be set using the Total 'Completed' Critical Threshold agent property.
	Warning Threshold. The warning threshold for the total number of completed requests. This value can be set using the Total 'Completed' Warning Threshold agent property.
Where to go next	n/a.

## Technical Information

Foglight Table	CompletedRequests
Collector	_FG_OEBS_CR_COMPLETED
Collection Frequency	5 Minutes
Periodic Run Entry	Not applicable
Rule	CompletedTotal - CR Completed Requests Total (Property) (CR:CT:Property)

## Rule Message

CR:CT:Property: [TimeStamp] The total number of completed requests has exceeded the Property [Property Level] threshold of [Property Value].

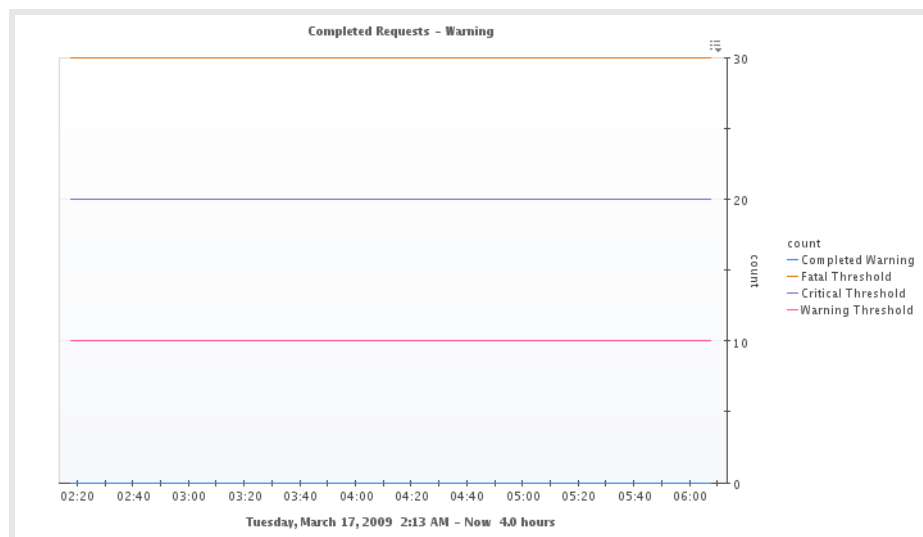
## Action on Alert

On any day where you process more concurrent requests than normal, it is important to understand who and what module is generating the excessive number of requests.

# CR—Completed Requests Warning (Threshold) with Agent Selector View

## Purpose

This collector reports the number of requests that completed with a status of warning since midnight server time. The number is reset to zero at midnight and new errors are recorded.





## Description of the View

Data Displayed	Completed Warning. The total number of requests that resulted with a warning alert.
	Fatal Threshold. The fatal threshold for the total number of completed requests that resulted with a warning alert. This value can be set using the 'Completed Warning' Fatal Threshold agent property. <b>NOTE:</b> The Alert Completed Requests Using agent property refers to completed requests only.
	Critical Threshold. The critical threshold for the total number of completed requests that resulted with a warning alert. This value can be set using the 'Completed Warning' Critical Threshold agent property.
	Warning Threshold. The warning threshold for the total number of completed requests that resulted with a warning alert. This value can be set using the 'Completed Warning' Warning Threshold agent property.
Where to go next	n/a.

## Technical Information

Foglight Table	CompletedRequests
Collector	_FG_OEBS_CR_COMPLETED
Collection Frequency	5 Minutes
Periodic Run Entry	Not applicable.
Rule	CompletedWarning - CR Completed Requests Warning (Property) (CR:CW:Property)

## Rule Message

CR:CW:Property: [TimeStamp] The number of requests that have completed with a status of WARNING has exceeded the Property [Alert Level] threshold of [Property Value].

## Action on Alert

Not applicable.

# CR—Concurrent Requests Views

The OEEDatabase Agent includes the following concurrent requests views:

- [CR—Duplicate Requests with Agent Selector View](#)
- [CR—Log and Out Space \(Baseline\) with Agent Selector View](#)
- [CR—Log and Out Space \(Threshold\) with Agent Selector View](#)
- [CR—Log and Out Space with Agent Selector View](#)
- [CR—Pending And Running \(Threshold\) with Agent Selector View](#)
- [CR—Pending Error \(Threshold\) with Agent Selector View](#)
- [CR—Pending with Agent Selector View](#)
- [CR—Running and Pending By Manager \(STANDARD\) with Agent Selector View](#)

# CR—Duplicate Requests with Agent Selector View

## Purpose

A duplicate request is the same program submitted by the same user with the same arguments that are either running or pending normal.

When the following Foglight message appears:


CR DUP: [User Name] has submitted duplicate [Program Name]

this means Foglight for Oracle E-Business Suite has detected one or more duplicate concurrent requests. The message provides both the user name and the duplicated concurrent program.

Once you have been notified, more information is provided through the CR—Duplicate Requests view.

When the view is selected, you are presented with a drilldown displaying the duplicate request including the argument set and the number of duplicates as following:

- 1 = The original request and one duplicate.
- 2 = The original and two duplicates.

 **NOTE:** If the duplicate notice was received on any day prior to “Today”, the CR - Duplicate Requests view displays “No Data found in this range”.

Where this occurs, use the time range to select the appropriate range.

CR-Duplicate Requests by OEB_QSCEBS on alvscel12.prod.quest.corp					
Tuesday, March 17, 2009 2:36 AM - Now 4.0 hours					
EndTime	Time Stamp	User Name	Program	Argument Text	Duplicate Count
3/17/09 6:32 AM	17-Mar-09 06:32	OPRAH	Balance Interface check	(None)	36
3/17/09 6:32 AM	17-Mar-09 06:32	DR_PHIL	Balance Interface file import	(None)	2
3/17/09 6:27 AM	17-Mar-09 06:27	OPRAH	Balance Interface check	(None)	36
3/17/09 6:27 AM	17-Mar-09 06:27	DR_PHIL	Balance Interface file import	(None)	2
3/17/09 6:22 AM	17-Mar-09 06:22	OPRAH	Balance Interface check	(None)	36
3/17/09 6:22 AM	17-Mar-09 06:22	DR_PHIL	Balance Interface file import	(None)	2
3/17/09 6:17 AM	17-Mar-09 06:17	OPRAH	Balance Interface check	(None)	36
3/17/09 6:17 AM	17-Mar-09 06:17	DR_PHIL	Balance Interface file import	(None)	2
3/17/09 6:12 AM	17-Mar-09 06:12	OPRAH	Balance Interface check	(None)	36
3/17/09 6:12 AM	17-Mar-09 06:12	DR_PHIL	Balance Interface file import	(None)	2
3/17/09 6:07 AM	17-Mar-09 06:07	OPRAH	Balance Interface check	(None)	36

## Description of the View

Data Displayed	EndTime. The end time, using application server time.
	Time Stamp. The date and time the duplicate is detected, using application server time.
	User Name. The user submitting the duplicates.
	Program. The concurrent program name.
	Argument Text. The argument text of the duplicate requests.
	Duplicate Count. The number of duplicates.
Where to go next	n/a.

## Technical Information


Foglight Table	DuplicateRequests
Collector	_FG_OEBS_CR_DUPLICATES
Collection Frequency	5 Minutes

Periodic Run Entry	Not applicable.
Rule	DuplicateRequests

## Excluding Programs From Duplicate Request Detection

If the duplicate occurrence of a concurrent program is considered normal behavior, then the concurrent program can be added to the Duplicate Request Exclusion list. Once added, the program is no longer reported as a duplicate.

## CR—Log and Out Space (Baseline) with Agent Selector View

 **NOTE:** Not available in OEB version 11.0.

### Purpose

When a concurrent request is executed, it normally creates two output files listed below:

- LOG File.
- OUT File.

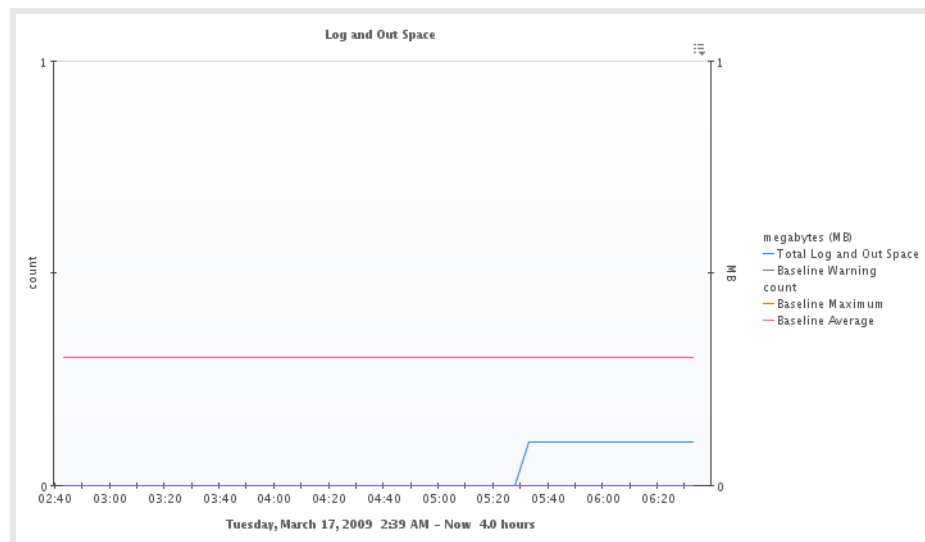
The LOG file contains the concurrent request runtime information and the OUT file contains the actual concurrent requests output.

The view chart that appears on this collector displays the accumulative total Log and Out space being generated per day and resets to zero (0) at midnight application server time.

Using the view chart, you can determine the amount of log and out space (MB) being generated per day.

Multiply this value by the number of days of concurrent request information being held online, for example, 30 days, to get the total nominal disk space that is being used for concurrent request activity.

By reviewing the daily peaks over time, you can clearly identify the growth in disk spaced required for concurrent processing over time.



## Description of the View

Data Displayed	<b>Total Log and Out Space.</b> The amount of log and out space (in MBytes) being generated per day.
	<b>Baseline Warning.</b> The baseline warning level is based on averages of the available log and out space concurrent disk space history.
	<b>Baseline Maximum.</b> The baseline maximum level is based on averages of the available log and out space concurrent disk space history.
	<b>Baseline Average.</b> The baseline average level is based on averages of the available log and out space concurrent disk space history.
Where to go next	n/a.

## Technical Information

Foglight Table	RequestLogAndOutSpace
Collector	_FG_OEBS_LOG_OUT
Collection Frequency	5 Minutes
Periodic Run Entry	Not applicable
Rule	LogandOutSpaceBL

## Rule Message

LS:BL : The total size of requests' log and out space has exceeded the baseline threshold of [Baseline Value] megabytes

## Action on Alert


Generally, the Log and Out file sizes being generated are only an issue when the disk space is not enough. On occasion, when a user produces a report that generates a large volume Out file, it may use up a sizable portion of disk space. The concurrent managers stop later in the day or week with normal use if the target disk runs out of space.

A list of large Log and Out files can be obtained using the following Toad report:

- Report: FOGLIGHT OEBS V5 > CR > Completed > Log and Out.

Use this report to identify the offending request and user that submitted the request.

## CR—Log and Out Space (Threshold) with Agent Selector View

 **NOTE:** Not available in OEBS version 11.0.

## Purpose

When a concurrent request is executed it normally creates two output files listed below:

- LOG File
- OUT File

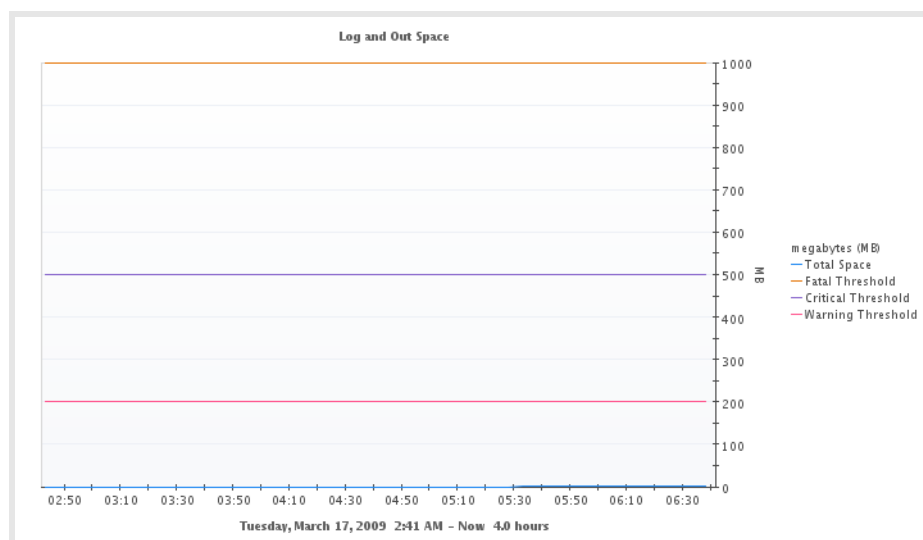
The LOG file contains the concurrent request runtime information and the OUT file contains the actual concurrent requests output.

The view chart that appears on this collector displays the accumulative total Log and Out space being generated per day and reset to zero (0) at midnight application server time.

Using the view chart, you can determine the amount of log and out space (MB) being generated per day.

Multiply this value by the number of days of concurrent request information being held online, for example, 30 days, to get the total nominal disk space that is being used for concurrent request activity.

By reviewing the daily peaks over time, you can clearly identify the growth in disk spaced required for concurrent processing over time.



## Description of the View

Data Displayed	<b>Total Space.</b> The total amount of log and out space (MBytes) being generated per day.
	<b>Fatal Threshold.</b> The fatal threshold for the amount of disk space used for log and out space (MBytes) for concurrent request activity. This value can be set using the <b>Log &amp; Out Fatal Threshold (mb)</b> agent property. <b>NOTE:</b> The <b>Alert Log &amp; Out Using</b> agent property refers to the space used each day.
	<b>Critical Threshold.</b> The critical threshold for the amount of disk space used for log and out space (MBytes) for concurrent request activity. This value can be set using the <b>Log &amp; Out Critical Threshold (mb)</b> agent property.
	<b>Warning Threshold.</b> The warning threshold for the amount of disk space used for log and out space (MBytes) for concurrent request activity. This value can be set using the <b>Log &amp; Out Warning Threshold (mb)</b> agent property.
Where to go next	n/a.

## Technical Information

Foglight Table	RequestLogAndOutSpace
Collector	_FG_OEBS_LOG_OUT
Collection Frequency	5 Minutes
Periodic Run Entry	Not applicable
Rule	LogandOutSpace

## Rule Message

LS: The total size of requests' log and out space has exceeded the [Alert Level] threshold of [Property Value] megabytes

## Action on Alert


Generally the Log and Out file sizes being generated are only an issue when the disk space is not enough. On occasion, when a user produces a report that generates a large volume Out file, it may use up a sizable portion of disk space. The concurrent managers stop later in the day or week with normal use if the target disk runs out of space.

A list of large Log and Out files can be obtained using the following Toad report:

- Report: FOGLIGHT OEBS V5 > CR - Completed > Log and Out.

Use this report to identify the offending request and user that submitted the request.

## CR—Log and Out Space with Agent Selector View

 **NOTE:** Not available in OEBS version 11.0.

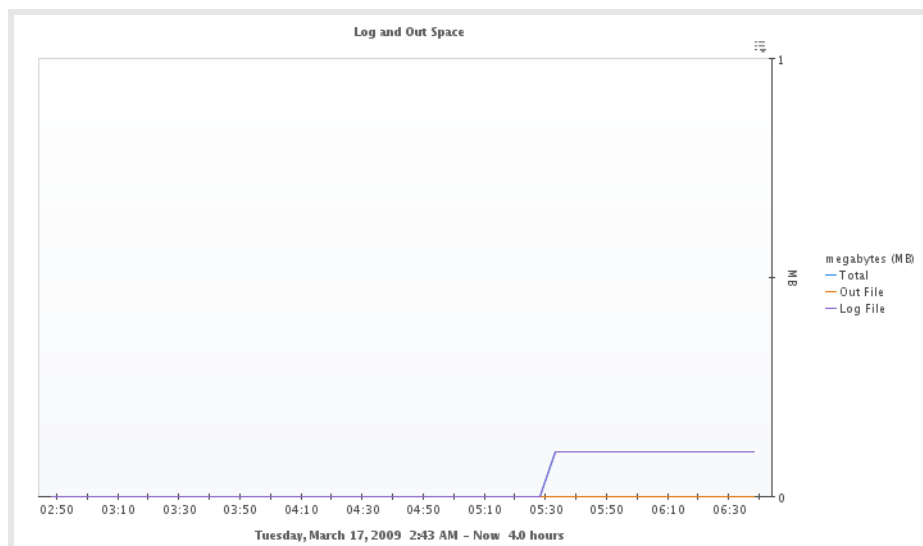
### Purpose

When a concurrent request is executed, it normally creates two output files listed below:

- LOG File.
- OUT File.

The LOG file contains the concurrent request runtime information and the OUT file contains the actual concurrent requests output.

The information is accumulative throughout the day with all values being reset to zero (0) at midnight application server time.



### Description of the View

Data Displayed	Total. The total Log and Out space (in MBytes) being generated.
	Out File. The total Log space (in MBytes) being generated.

Log File. The total Out space (in MBytes) being generated.

Where to go next n/a.

## Technical Information

Foglight Table	RequestLogAndOutSpace
Collector	_FG_OEBS_LOG_OUT
Collection Frequency	5 Minutes
Periodic Run Entry	Not applicable
Rule	Not applicable

## Rule Message

Not applicable.

## Action on Alert

Informational.

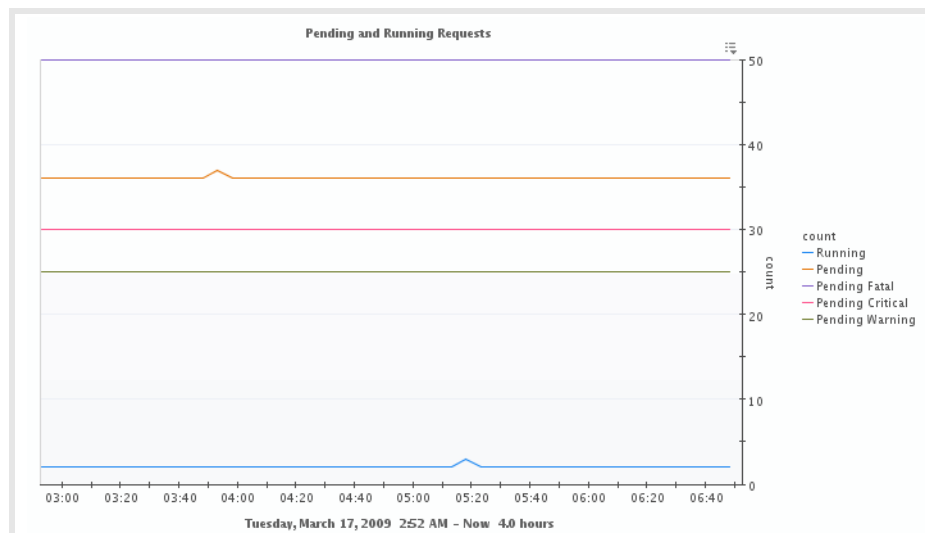
# CR—Pending And Running (Threshold) with Agent Selector View

## Purpose

This metric is arguably one of the most important in the Foglight Cartridge for OEB, given that the concurrent managers perform the majority of the application activity.

The Pending And Running view shows the number of pending and running requests.

The Property levels apply to pending requests only. The number of running requests does not exceed the number of concurrent processes running requests.



## Description of the View

Data Displayed	Running. The number of running requests.
	Pending. The number of pending requests.
	Pending Fatal. The fatal threshold for the number of pending requests. This value can be set using the <b>Total 'Pending' Fatal Threshold</b> agent property.
	Pending Critical. The critical threshold for the number of pending requests. This value can be set using the <b>Total 'Pending' Critical Threshold</b> agent property.
	Pending Warning. The warning threshold for the number of pending requests. This value can be set using the <b>Total 'Pending' Warning Threshold</b> agent property.
Where to go next	n/a.

## Technical Information

Foglight Table	RunningAndPendingRequests
Collector	_FG_OEBS_CR_RUN_PEND
Collection Frequency	5 Minutes
Periodic Run Entry	N/A
Rule	CR - Pending Normal Requests (Property) (CR:PN:Property)

## Rule Message

CR:PN:Property: The total number of pending requests has exceeded the Property [Alert Level] level of [Alert Value]

## Action on Alert

If the number of pending requests increases rapidly, it is an excellent indicator that there is a back log occurring in the concurrent managers. This can be due to a number of reasons:


- Excessive numbers of requests being submitted
- Stuck concurrent programs
- Slow requests running in the fast queue
- Inappropriate parameters causing long running requests
- Database performance issues slowing down concurrent processing, and so on

## CR—Pending Error (Threshold) with Agent Selector View

### Purpose

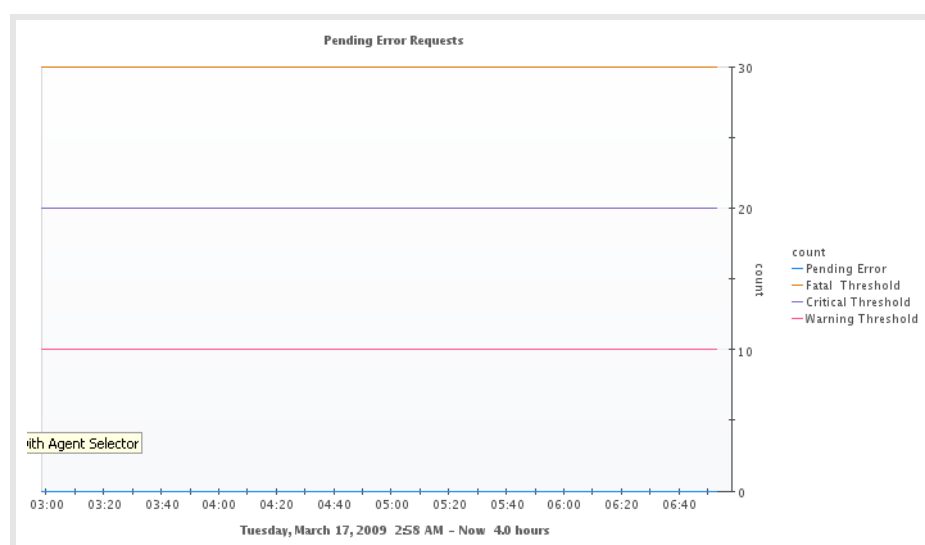
Generally, a pending error request is any request that does not have a manager to run that request. This generally occurs when the manager assigned to run the request:

- Does not exist
- Has no running processes (for example, overnight manager)

 **NOTE:** When overnight managers are implemented, any request assigned to that manager has a status of pending error until the manager starts and has processes to run the requests.



When the concurrent managers are shut down, any pending request and request submitted has a status of pending error until the managers are restarted.



## Description of the View

Data Displayed	Pending Error. The number of pending errors.
	<b>Fatal Threshold.</b> The fatal threshold for the number of pending errors. This value can be set using the 'Pending Error' <b>Fatal Threshold</b> agent property.
	<b>Critical Threshold.</b> The critical threshold for the number of pending errors. This value can be set using the 'Pending Error' <b>Critical Threshold</b> agent property.
	<b>Warning Threshold.</b> The warning threshold for the number of pending errors. This value can be set using the 'Pending Error' <b>Warning Threshold</b> agent property.
Where to go next	n/a.

## Technical Information

Foglight Table	RunningAndPendingRequests
Collector	_FG_OEBS_CR_RUN_PEND
Collection Frequency	5 Minutes
Periodic Run Entry	Not applicable
Rule	CR - Pending Error Requests (Property) (CR:PE:Property)

## Rule Message

CR:PE:Property : The total number of pending error requests has exceeded the Property [Alert Level] level of [Alert Value]

## Action on Alert

During normal operation, requests should only go into a state of pending error:

- When they are assigned to an overnight manager that has not woken up yet.
- When the managers are shut down.

**NOTE:** Should the concurrent managers crash (for whatever reason) and the concurrent managers OEBS table does not reflect the fact that manager processes do not exist (a common scenario), then requests are not shown in a state of pending error.

A list of pending error requests can be obtained using the following Toad report:

- Report: FOGLIGHT OEBS V5 > CR > Pending > Error.

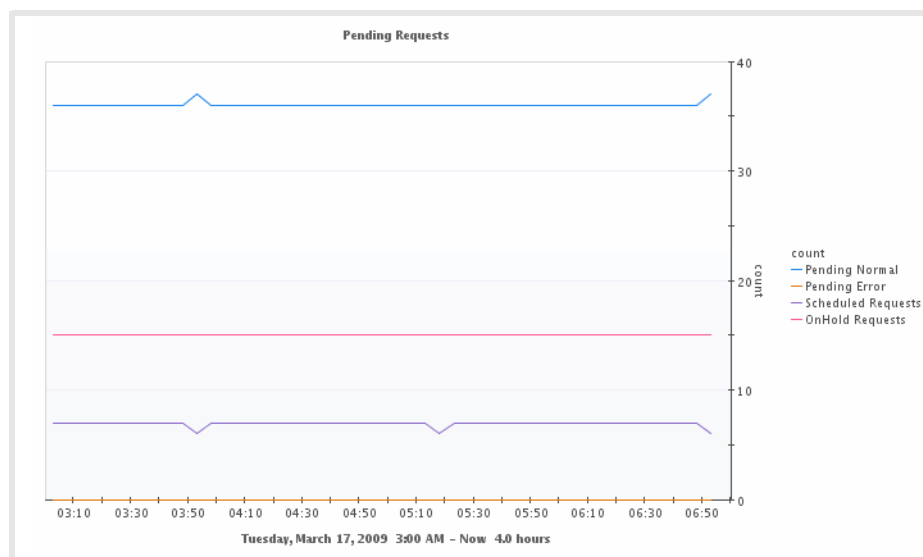
Use this report to identify the offending request and user that submitted the request.

## CR—Pending with Agent Selector View

### Purpose

The pending view shows the number of pending requests within the following categories:

- Pending Normal
- Pending Error
- Pending Scheduled
- Pending on hold



### Description of the View

Data Displayed	Pending Normal. The number of normal pending requests.
	Pending Error. The number of pending request errors.
	Scheduled Requests. The number of scheduled requests.
	OnHold Requests. The number of onhold requests.
Where to go next	n/a.

### Technical Information

Foglight Table	RunningAndPendingRequests
Collector	_FG_OEBS_CR_RUN_PENDT

Collection Frequency	5 Minutes
Periodic Run Entry	Not applicable
Rule	Not applicable

## Rule Message

Not applicable.

## Action on Alert

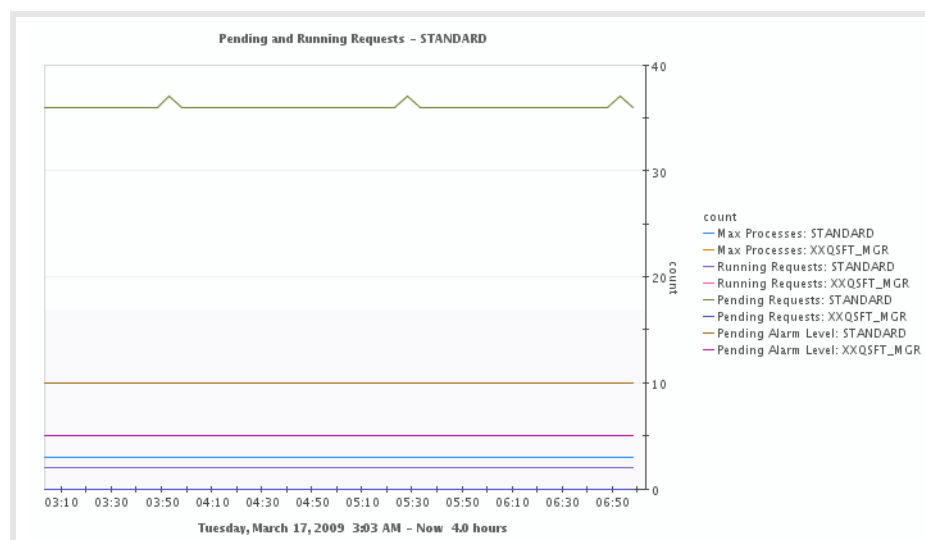
Informational.

# CR—Running and Pending By Manager (STANDARD) with Agent Selector View

## Purpose

The Running and Pending by Manager Collector allows you to monitor the number of pending requests for individually selected managers.

**NOTE:** Create a chart for each concurrent manager being monitored. The existing rule supports any number of monitored concurrent managers and does not require a rule for each concurrent manager being monitored.



## Description of the View

Data Displayed	Max Processes. The maximum number of processes running on the concurrent managers.
	<b>NOTE:</b> The list of monitored managers can be set using the Manager Watch List agent property.
	Running Requests. The number of running requests running on the concurrent managers.

**Pending Requests.** The number of pending requests running on the concurrent managers.

**Pending Alarm Level.** The number of onhold requests running on the concurrent managers.

Where to go next    n/a.

## Technical Information

Foglight Table	RunningAndPendingRequestsByManager
Collector	_FG_OEBS_CR_RP_BY_MGR
Collection Frequency	5 Minutes
Periodic Run Entry	Not applicable
Rule	PendingCountByManager - Running and Pending by Manager (STANDARD) (CR:M) <b>NOTE:</b> A rule is not provided by default for alerting on running requests.

## Rule Message

The number of pending requests for the [Manager Name] manager has exceeded the warning level of [Alert Value].

## Action on Alert

If the number of pending requests increases rapidly, it is an excellent indicator that there is a back log occurring in the concurrent managers. This can be due to a number of reasons:

- Excessive numbers of requests being submitted.
- Stuck concurrent programs.
- Slow requests running in the fast queue.
- Inappropriate parameters causing long running requests.
- Database performance issues slowing down concurrent processing, and so on

## OM—Object Monitor Views

The OEBCDatabase Agent object includes the following monitor views:

- [OM—fnd\\_concurrent\\_requests \(Rate\) with Agent Selector View](#)
- [OM—fnd\\_concurrent\\_requests \(Threshold\) with Agent Selector View](#)

## OM—fnd\_concurrent\_requests (Rate) with Agent Selector View

### Purpose

The object monitor counts and records the number of rows in the selected table or view once per day.

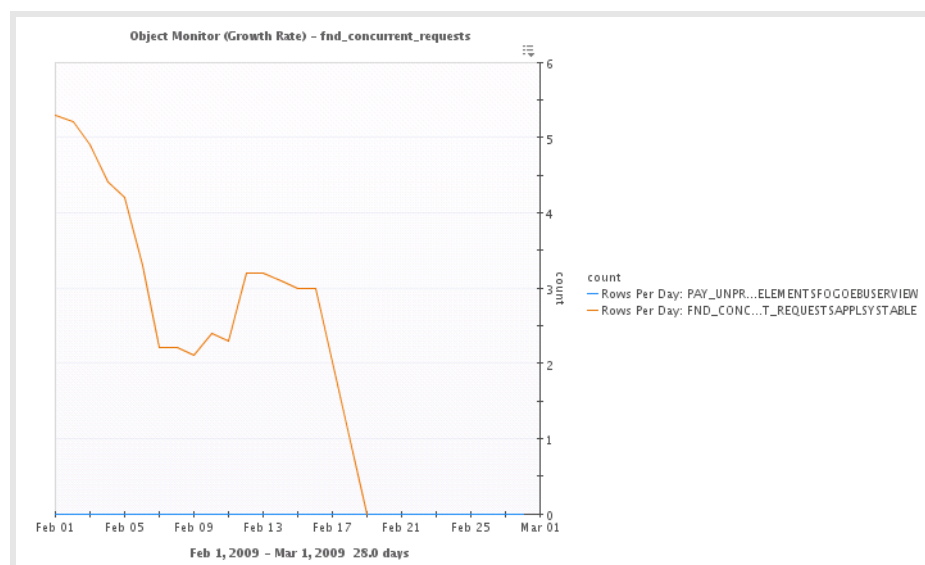
For Foglight to count the number of rows in the monitored object, the Foglight user must be granted select rights on the target object object.

Granting select rights on the monitored object to the Foglight accounts can be generated by connecting as the target object owner, issuing the following statement, and substituting the object owner, object name and Foglight account with the appropriate values. Grant select in [object owner] [object\_name] to [Foglight account];

**NOTE:** Failure to complete this step results in the object not being available to Foglight. In this situation, Foglight displays a dashboard message stating the table or view does not exist.

A synonym is not required for the target object.

For information on how to use the object monitor, refer to [Object Monitor Overview](#) on page 30.



## Description of the View

**Data Displayed** Rows Per Day. The number of rows in the selected table or view per day.

**Where to go next** n/a.

## Technical Information

Foglight Table	ObjectMonitor
Collector	_FG_OEBS_OBJECT_MONITOR
Collection Frequency	Daily
Periodic Run Entry	_FG_OEBS_OBJECT_MONITOR
Rule	Not applicable

## Rule Message

Not applicable.

## Action on Alert

Informational.

# OM—fnd\_concurrent\_requests (Threshold) with Agent Selector View

## Purpose

The object monitor counts and records the number of rows in the selected table or view once per day.

For information on how to use the object monitor, refer to [Object Monitor Overview](#) on page 30.

**NOTE:** A Foglight view and rule needs to be created for each monitored object.

The flexibility in the collector is that the object being monitored can also be a view.

For example:

- Track the number of orders generated per day.
- Create a view that selects the order header\_id where the order was created (yesterday).
- The Object monitor now counts the number of rows which equates to the number of orders.

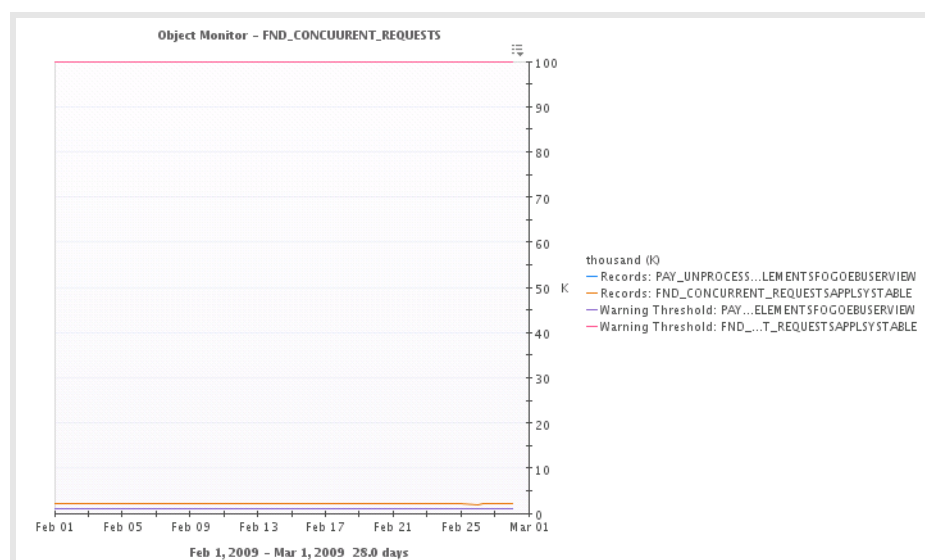
For Foglight for Oracle E-Business Suite to count the number of rows in the monitored object, the Foglight for Oracle E-Business Suite user must be granted select rights on the target object.

Granting select rights on the monitored object to the Foglight for Oracle E-Business Suite accounts can be generated by connecting as the target object owner, issuing the following statement, and substituting the object owner, object name and Foglight for Oracle E-Business Suite account with the appropriate values.

```
Grant select in [object owner] [object_name] to [Foglight account];
```

**NOTE:** Failure to complete this step results in the object not being available to Foglight. In this situation, Foglight displays a dashboard message stating the table or view does not exist.

A synonym is not required for the target object.



## Description of the View

Data Displayed	Records. The number of rows in the selected table or view per day. <b>NOTE:</b> The objects being monitored can be set using the <b>Object Monitoring List</b> agent property.
	<b>NOTE:</b> If the <b>Object Owner</b> or <b>Object Name</b> secondary agent property is incorrect, or does not exist, the object is not monitored.
	<b>NOTE:</b> When the <b>Monitor</b> secondary agent property is set to Yes, monitoring is enabled. Setting this value to No suspends monitoring of that object.
	<b>Warning Threshold.</b> The number of rows in the selected table or view per day. This value can be set using the <b>Warning Threshold (rows)</b> secondary agent property.
Where to go next	n/a.

## Technical Information

Foglight Table	ObjectMonitor
Collector	_FG_OEBS_OBJECT_MONITOR
Collection Frequency	Daily
Periodic Run Entry	_FG_OEBS_OBJECT_MONITOR
Rule	OM - Fnd_concurrent_requests (Property) (OM)

## Rule Message

OM : Object FND\_CONCURRENT\_REQUESTS has exceeded its Property threshold of [Alert Value]

## Action on Alert

Informational.

## USERS Views

The OEBCDatabase Agent includes the following USERS views:

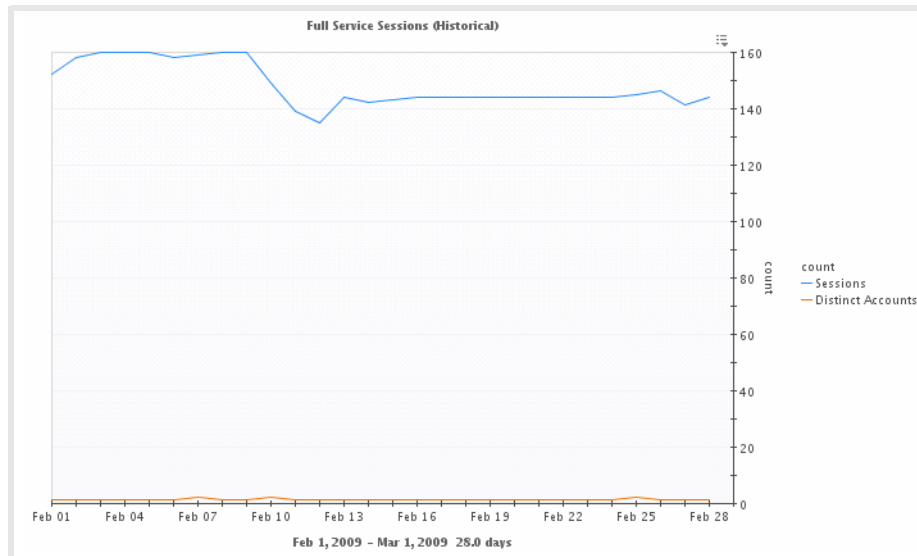
- [USERS—Full Service Sessions \(Historical\) with Agent Selector View](#)
- [USERS—Full Service Sessions \(Threshold\) with Agent Selector View](#)
- [USERS—Full Service Sessions Intraday \(Threshold\) with Agent Selector View](#)
- [USERS—Self Service Limit Check with Agent Selector View](#)
- [USERS—Self Service Page Request Rate \(Threshold\) With Agent Selector View](#)
- [USERS—Self Service Page Requests \(Historical\) with Agent Selector View](#)
- [USERS—Self Service Page Requests Intraday \(Threshold\) with Agent Selector View](#)
- [USERS—Self Service Page Requests Intraday \(Baseline\) with Agent Selector View](#)
- [USERS—Self Service Sessions \(Historical\) with Agent Selector View](#)
- [USERS—Self Service Sessions \(Threshold\) with Agent Selector View](#)
- [USERS—Self Service Sessions Intraday \(Baseline\) with Agent Selector View](#)
- [USERS—Self Service Sessions Intraday \(Threshold\) with Agent Selector View](#)

- [USERS—Self Service Sessions Intraday with Agent Selector View](#)
- [USERS—Sessions with Agent Selector View](#)

## USERS—Full Service Sessions (Historical) with Agent Selector View

### Purpose

The Full Service Sessions (Historical) monitor displays total number of full service sessions and the total number of distinct full service users for the prior day.



### Description of the View

Data Displayed	Sessions. The total number of full service sessions for the prior day.
	District Accounts. The total number of distinct full service users for the prior day.
Where to go next	n/a.

### Technical Information

Foglight Table	FullServiceHistory
Collector	_FG_OEBS_FS_HISTORY
Collection Frequency	Daily
Periodic Run Entry	_FG_OEBS_FS_HISTORY
Rule	Not applicable

### Rule Message

Not applicable.



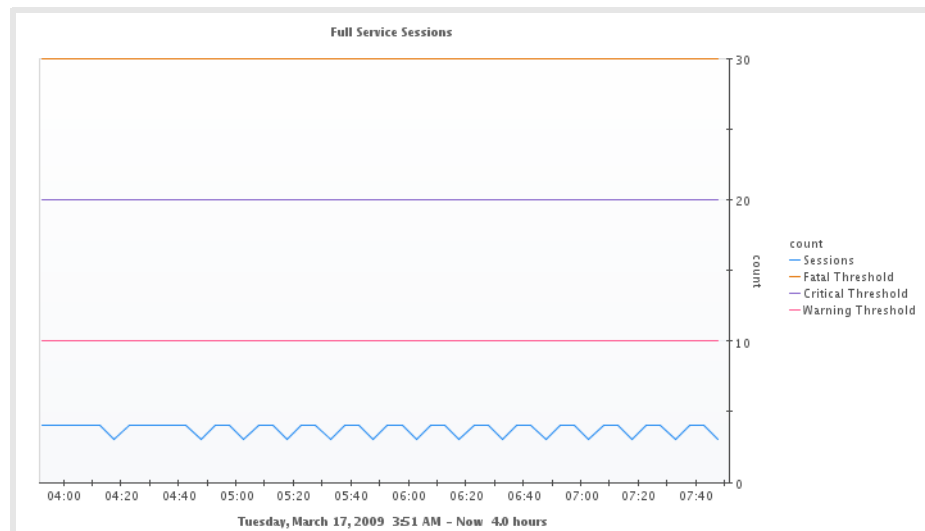
## Action on Alert

Informational. This information can be used to determine user connection patterns over time and for capacity planning.

# USERS—Full Service Sessions (Threshold) with Agent Selector View

## Purpose

The Full Service Session monitor displays the number of full service sessions at the time of each collection.



## Description of the View

Data Displayed	Sessions. The number of full service sessions at the time of each collection.
	<b>Fatal Threshold.</b> The fatal threshold for the number of full service sessions. This value can be set using the <b>Full Service Activity Fatal Threshold</b> agent property.
	<b>Critical Threshold.</b> The critical threshold for the number of full service sessions. This value can be set using the <b>Full Service Activity Critical Threshold</b> agent property.
	<b>Warning Threshold.</b> The warning threshold for the number of full service sessions. This value can be set using the <b>Full Service Activity Warning Threshold</b> agent property.
Where to go next	n/a.

## Technical Information

Foglight Table	FullServiceActivity
Collector	_FG_OEBS_FS_ACTIVITY
Collection Frequency	5 Minutes
Periodic Run Entry	Not applicable
Rule	FS - Full Service Sessions (Property) (FSS:Property)

## Rule Message

FSS:Property: The number of Full Service Sessions has exceeded the Property [Alert Level] threshold of [Alert Value].

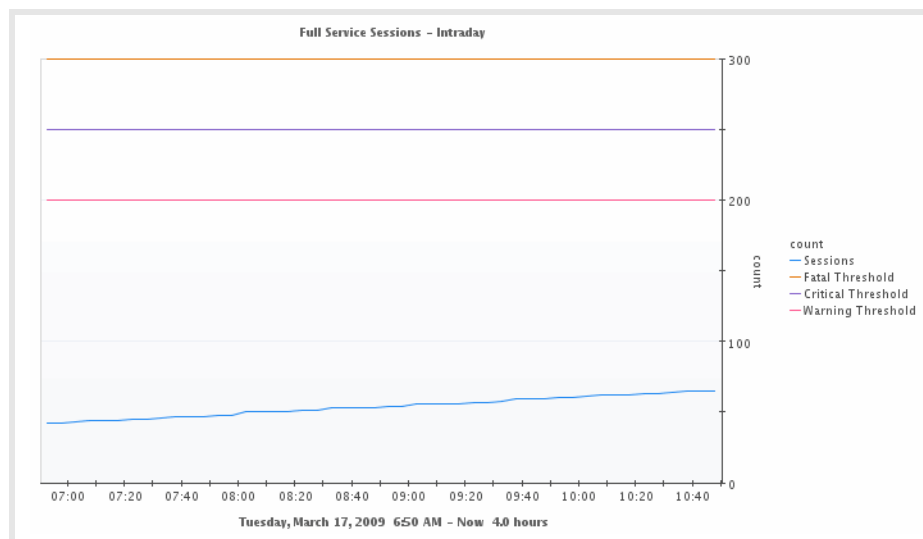
## Action on Alert

The number of full service users can impact the application resources.

# USERS—Full Service Sessions Intraday (Threshold) with Agent Selector View

## Purpose

The Full Service Session (Intraday) monitor displays the accumulative number of full service sessions at the time of each collection. This value returns to zero (0) at midnight server time.



## Description of the View

Data Displayed	Sessions. The accumulative number of full service sessions at the time of each collection.
	<b>Fatal Threshold.</b> The fatal threshold for the accumulative number of full service sessions. This value can be set using the <b>Accumulative Full Service Activity Fatal Threshold</b> agent property.
	<b>Critical Threshold.</b> The critical threshold for the accumulative number of full service sessions. This value can be set using the <b>Accumulative Full Service Activity Critical Threshold</b> agent property.
	<b>Warning Threshold.</b> The warning threshold for the accumulative number of full service sessions. This value can be set using the <b>Accumulative Full Service Activity Warning Threshold</b> agent property.
Where to go next	n/a.

## Technical Information

Foglight Table	FullServiceActivityAccumulative
----------------	---------------------------------

Collector	_FG_OEBS_FS_ACTIVITY_ACC
Collection Frequency	5 Minutes
Periodic Run Entry	Not applicable
Rule	FSIntradaySessions (FSS:ID:ASP)

## Rule Message

FSS:ID:ASP : The number of Full Service sessions has exceeded the intraday [Alert Level] of [Alert Value] sessions.

## Action on Alert

The number of full service users can impact the application resources.

# USERS—Self Service Limit Check with Agent Selector View

## Purpose

The Self Service Limits Check lists the users whose self service session has come within XX percent of their session's page limit or XX minutes of their session's time limit.

The aim of this metric is to alert you if there are any users or customers that are being affected by this collector, by being forced to reconnect if either of these limits are exceeded.

The notification that one or more users have come close to or exceeded their self service session limits is through the following dashboard alert:

- SUM:004 Warning XX Service session/s have come within XX Pct or nn minutes of the session limits

Once notified, view the Foglight table SelfServiceLimitCheck for a list of users.

EndTime	Last Connect	Limit Type	Time Stamp	User Name	Minutes of Session Hours	Percent of Limit	Session Hours	Session Hour Limit	Session Page Limit	Session Pages
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

## Description of the View

Data Displayed	EndTime. The end time, using application server time.
	Last Connect. The date and time of the last connect, using application server time.
	Limit Type. Page or time limit.
	Time Stamp. The date and time of the alert, using application server time.
	User Name. The user name that triggered the alert.
	Minutes of Session Hours. The number of minutes, using application server time.
	Percent of Limit. Defines by what percent the user came within their page limit.
	Session Hours. The number of hours, using application server time.
	Session Hour Limit. The predefined hour limit for the session. This value can be set using the Self Service Session Page Limit (%) agent property.
	Session Page Limit. The predefined page limit for the session. This value can be set using the Self Service Session Time Limit (minutes) agent property.
	Session Pages. The number of pages in the session.
Where to go next	n/a.

## Technical Information

Foglight Table	SelfServiceLimitCheck
Collector	_FG_OEBS_SS_LIMIT_CHECK
Collection Frequency	Daily
Periodic Run Entry	_FG_SS_CLOSE_TO_LIMITS
Rule	Not applicable

## Rule Message

Not applicable.

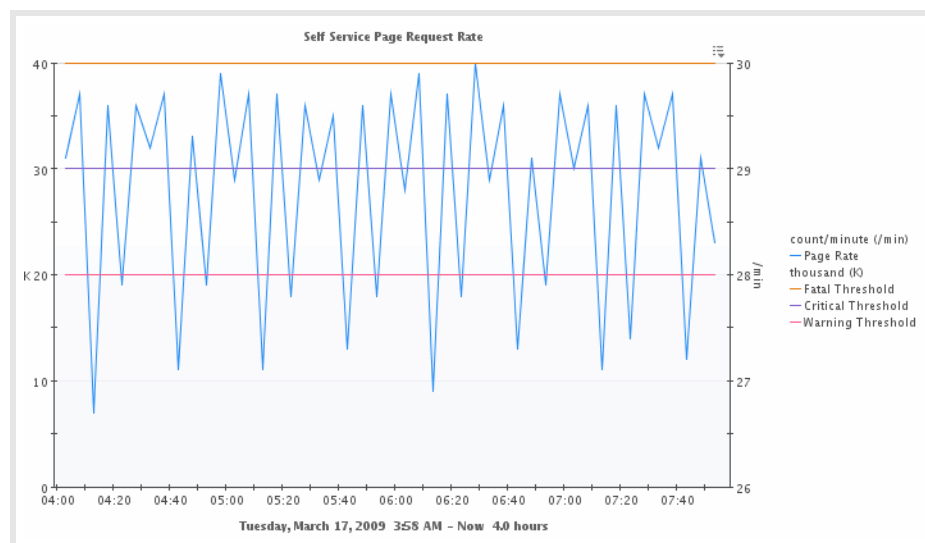
## Action on Alert

When a user exceeds their set session thresholds, the user has to reconnect to the application. Each user who exceeds the set thresholds should be assessed.

# USERS—Self Service Page Request Rate (Threshold) With Agent Selector View

## Purpose

The Self Service page rate monitor displays the number of page requests per sample period divided by the number of minutes between the sample period, thereby providing the number of page requests per minute.



## Description of the View

Data Displayed	Page Rate. The number of page requests per minute.  <b>Fatal Threshold.</b> The fatal threshold for the number of self service pages (in thousands). This value can be set using the <b>Accumulative Self Service Page Fatal Threshold</b> agent property.
----------------	--

**Critical Threshold.** The critical threshold for the number of self service pages (in thousands). This value can be set using the **Accumulative Self Service Page Critical Threshold** agent property.

**Warning Threshold.** The warning threshold for the number of self service pages (in thousands). This value can be set using the **Accumulative Self Service Page Warning Threshold** agent property.

Where to go next    n/a.

## Technical Information

Foglight Table	SelfServiceActivity
Collector	_FG_OEBS_SS_LIMIT_CHECK
Collection Frequency	Daily
Periodic Run Entry	_FG_SS_CLOSE_TO_LIMITS
Rule	Not applicable

## Rule Message

SSP:Property : The Self Service page request rate has exceeded the Property [Alert Level] threshold of [Alert Value].

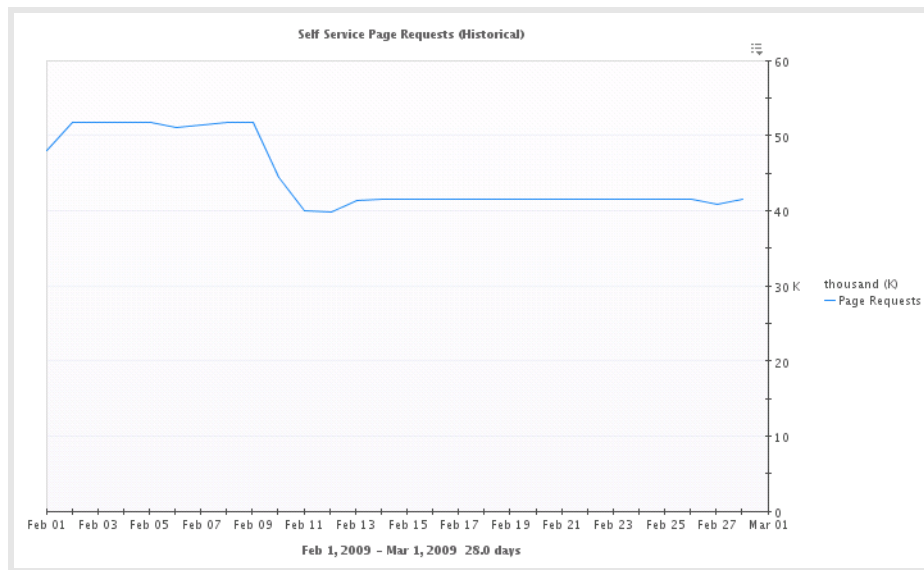
## Action on Alert

An increased page rate may indicate an abnormal load on the web server resulting in high resource usage. Any resource alerts at the web server can be easily related back to this metric to identify if abnormal application behavior was responsible for this alert or not.

# USERS—Self Service Page Requests (Historical) with Agent Selector View

## Purpose

The Self Service page request history displays the total number page requests for the prior day.



## Description of the View

**Data Displayed** Page Requests. The total number page requests (in thousands) for the prior day.

**Where to go next** n/a.

## Technical Information

Foglight Table	SelfServiceHistory
Collector	_FG_OEBS_SS_HISTORY
Collection Frequency	5 Minutes
Periodic Run Entry	Not applicable
Rule	Not applicable

## Rule Message

Not applicable.

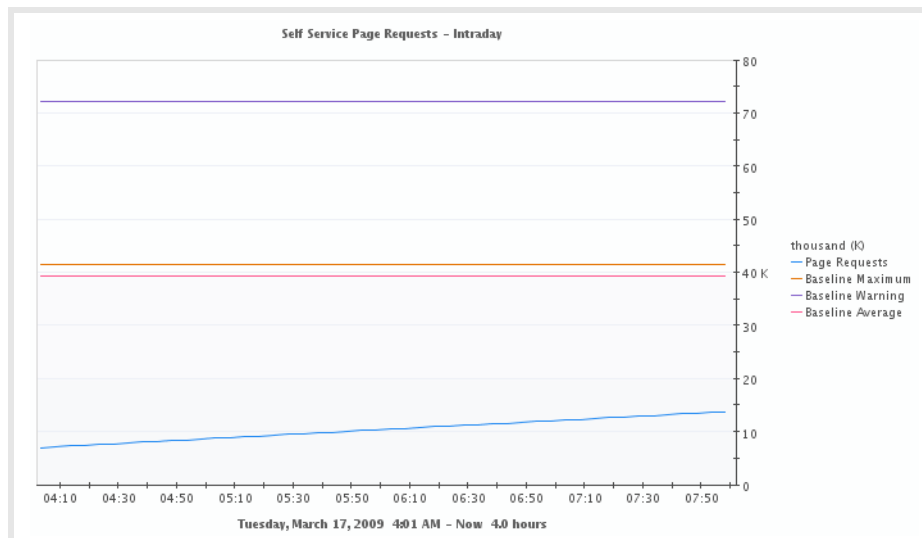
## Action on Alert

Not applicable.

# USERS—Self Service Page Requests Intraday (Baseline) with Agent Selector View

## Purpose

The Self Service Page Requests monitor displays the accumulative number of page requests at the time of each collection. This value returns to zero (0) at midnight server time.



## Description of the View

Data Displayed	<p><b>Page Requests.</b> The accumulative number of self service page requests (in thousands) at the time of each collection.</p> <p><b>Baseline Warning.</b> The baseline warning level (in thousands) is based on averages of the page request history.</p> <p><b>Baseline Maximum.</b> The baseline maximum level (in thousands) is based on averages of the page request history.</p> <p><b>Baseline Average.</b> The baseline average level (in thousands) is based on averages of the page request history.</p>
Where to go next	n/a.

## Technical Information

Foglight Table	SelfServiceActivityAccumulative
Collector	_FG_OEBS_SS_ACTIVITY_ACC
Collection Frequency	5 Minutes
Periodic Run Entry	Not applicable
Rule	SS- Intraday Pages (BL) (SSP:ID:BL)

## Rule Message

SSP:ID:BL : The number of Self Service page requests has exceeded the intraday baseline warning level of [Alert Value].

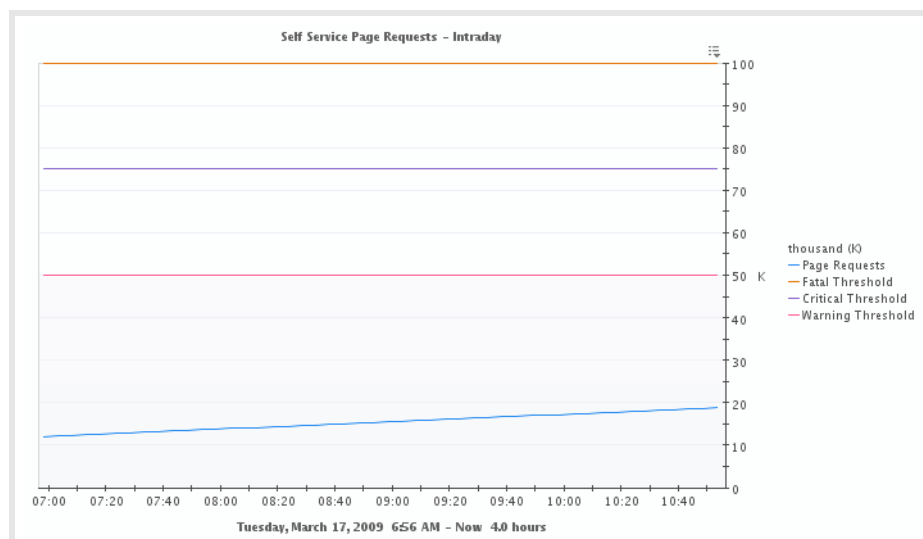
## Action on Alert

An increased page rate may indicate an abnormal load on the web server resulting in high resource usage. Any resource alerts at the web server can be easily related back to this metric to identify if abnormal application behavior was responsible.

# USERS—Self Service Page Requests Intraday (Threshold) with Agent Selector View

## Purpose

The Self Service Page Requests monitor displays the accumulative number of page requests at the time of each collection. This value returns to zero (0) at midnight server time.



## Description of the View

Data Displayed	Page Requests. The number of self service page requests (in thousands).
	Fatal Threshold. The fatal threshold for the number of self service page requests (in thousands). This value can be set using the <b>Accumulative Self Service Fatal Threshold</b> agent property.
	Critical Threshold. The critical threshold for the number of self service page requests (in thousands). This value can be set using the <b>Accumulative Self Service Session Critical Threshold</b> agent property.
	Warning Threshold. The warning threshold for the number of self service page requests (in thousands). This value can be set using the <b>Accumulative Self Service Session Warning Threshold</b> agent property.
Where to go next	n/a.

## Technical Information

Foglight Table	SelfServiceActivityAccumulative
Collector	_FG_OEBS_SS_ACTIVITY_ACC
Collection Frequency	5 Minutes
Periodic Run Entry	Not applicable
Rule	SS-Intraday Pages (Property) (SSP:ID:Property)



## Rule Message

SSP:ID:Property : The number of Self Service Page Requests has exceeded the intraday [Alert Level] level of [Alert Value].

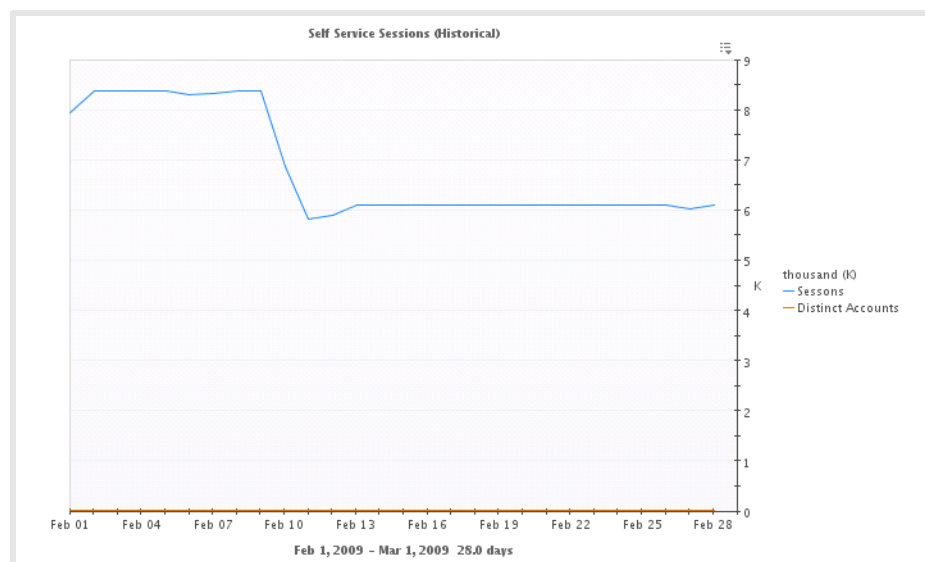
## Action on Alert

An increased page rate may indicate an abnormal load on the web server resulting in high resource usage. Any resource alerts at the web server can be easily related back to this metric to identify if abnormal application behavior was responsible.

# USERS—Self Service Sessions (Historical) with Agent Selector View

## Purpose

The Self Service Sessions (Historical) monitor displays the total number of self service sessions and the total number of distinct self service users for the prior day.



## Description of the View

Data Displayed	Sessions. The number of self service sessions (in thousands) for the prior day.
	Distinct Accounts. The total number of distinct self service users (in thousands) for the prior day.
Where to go next	n/a.

## Technical Information

Foglight Table	SelfServiceHistory
Collector	_FG_OEBS_SS_HISTORY
Collection Frequency	Daily
Periodic Run Entry	_FG_OEBS_SS_HISTORY
Rule	Not applicable

## Rule Message

Not applicable.

## Action on Alert

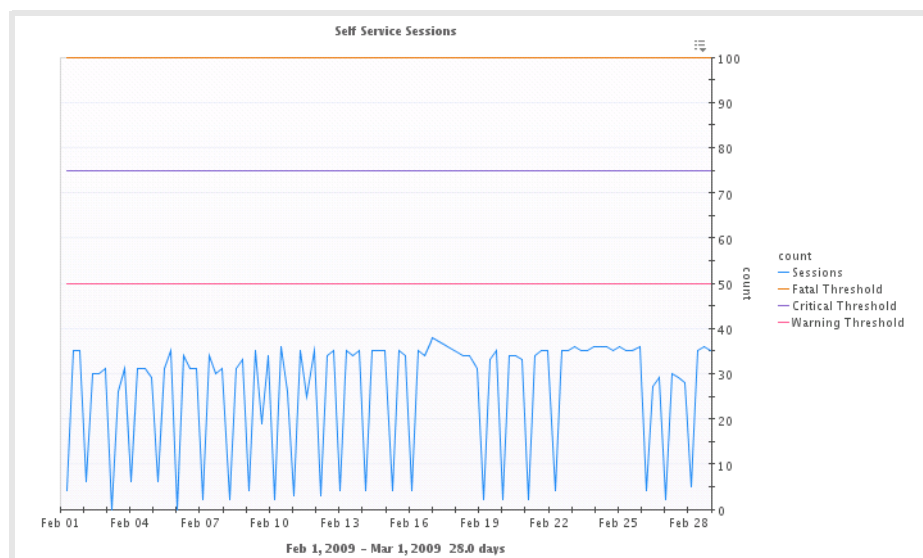
Informational:

This information can be used to determine user connection patterns over time and for capacity planning.

# USERS—Self Service Sessions (Threshold) with Agent Selector View

## Purpose

The Self Service Session monitor displays the number of self service sessions at the time of each collection.



## Description of the View

Data Displayed	Sessions. The number of self service sessions at the time of each collection.
	<b>Fatal Threshold.</b> The fatal threshold for the number of self service sessions. This value can be set using the <b>Self Service Session Fatal Threshold</b> agent property.
	<b>Critical Threshold.</b> The critical threshold for the number of self service sessions. This value can be set using the <b>Self Service Session Critical Threshold</b> agent property.
	<b>Warning Threshold.</b> The warning threshold for the number of self service sessions. This value can be set using the <b>Self Service Session Warning Threshold</b> agent property.
Where to go next	n/a.

## Technical Information

Foglight Table	SelfServiceActivity
Collector	_FG_OEBS_SS_ACTIVITY

Collection Frequency	5 Minutes
Periodic Run Entry	Not applicable
Rule	SSSessionCount (SSS:Property)

## Rule Message

SSS:Property : The number of Self Service Sessions has exceeded the Property [Alert Level] threshold of [Alert Value].

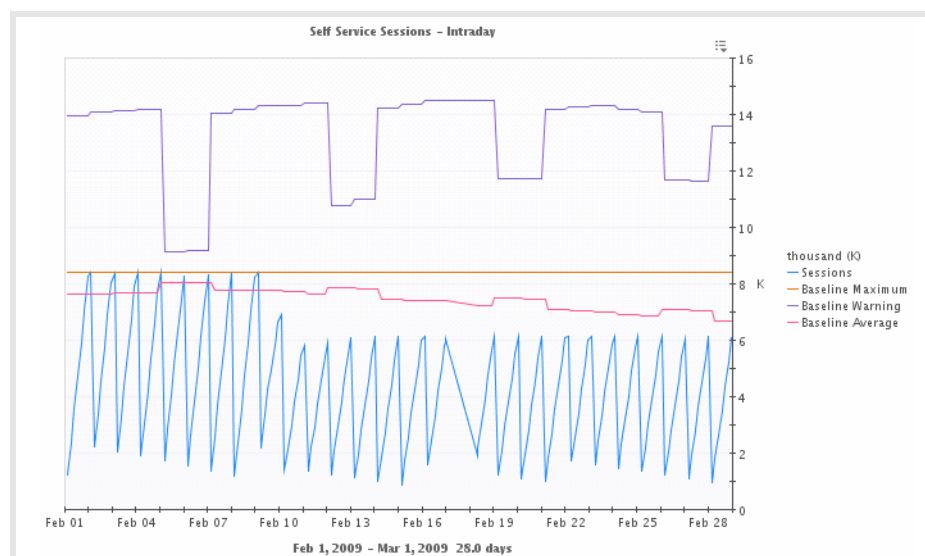
## Action on Alert

The number of Self Service users can impact the application resources.

# USERS—Self Service Sessions Intraday (Baseline) with Agent Selector View

## Purpose

The Self Service Session monitor displays the accumulative number of self service sessions at the time of each collection. This value returns to zero (0) at midnight server time.



## Description of the View

Data Displayed	Sessions. The accumulative number of self service sessions (in thousands) at the time of each collection.
	Baseline Warning. The baseline warning level (in thousands) is based on averages of the session history.
	Baseline Maximum. The baseline maximum level (in thousands) is based on averages of the session history.
	Baseline Average. The baseline average level (in thousands) is based on averages of the session history.
Where to go next	n/a.

## Technical Information

Foglight Table	SelfServiceActivityAccumulative
Collector	_FG_OEBS_SS_ACTIVITY_ACC
Collection Frequency	5 Minutes
Periodic Run Entry	Not applicable
Rule	SS- Intraday Sessions (BL) (SSS:ID:BL)

## Rule Message

SSS:ID:BL : The number of Self Service sessions has exceeded the intraday baseline warning level of [Alert Value].

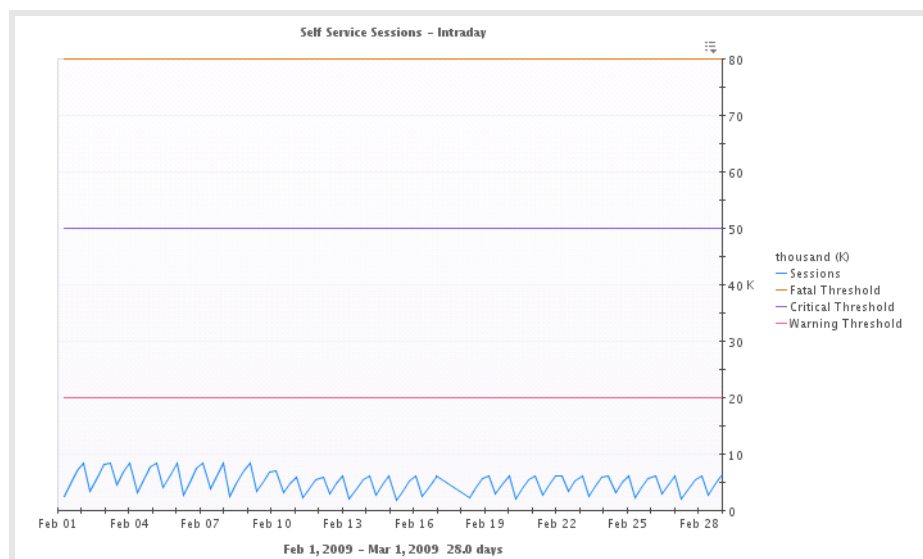
## Action on Alert

The number of Self service users can impact the application resources.Baseline

# USERS—Self Service Sessions Intraday (Threshold) with Agent Selector View

## Purpose

The Self Service Session monitor displays the accumulative number of self service sessions at the time of each collection. This value returns to zero (0) at midnight server time.



## Description of the View

Data Displayed	Sessions. The accumulative number of self service sessions at the time of each collection.
	Fatal Threshold. The fatal threshold for the accumulative number of self service sessions. This value can be set using the <b>Accumulative Self Service Session Fatal Threshold</b> agent property.

**Critical Threshold.** The critical threshold for the accumulative number of self service sessions. This value can be set using the **Accumulative Self Service Session Critical Threshold** agent property.

**Warning Threshold.** The warning threshold for the accumulative number of self service sessions. This value can be set using the **Accumulative Self Service Session Warning Threshold** agent property.

Where to go next    n/a.

## Technical Information

Foglight Table	SelfServiceActivityAccumulative
Collector	_FG_OEBS_SS_ACTIVITY_ACC
Collection Frequency	5 Minutes
Periodic Run Entry	Not applicable
Rule	SS - Self Service Sessions (Property) (SSS:Property)

## Rule Message

SSS:Property : The number of Self Service Sessions has exceeded the Property [Alert Level] threshold of [Alert Value].

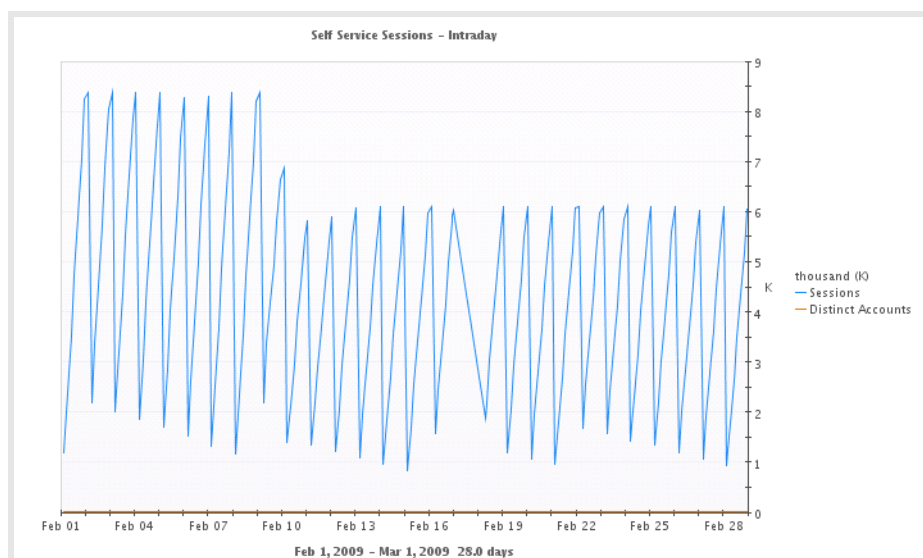
## Action on Alert

The number of Self service users can impact the application resources.

# USERS—Self Service Sessions Intraday with Agent Selector View

## Purpose

The Self Service sessions monitor displays the accumulative number of sessions at the time of each collection. This value returns to zero (0) at midnight server time.



## Description of the View

Data Displayed	Sessions. The number of self service sessions (in thousands) at the time of each collection.
	Distinct Accounts. The total number of distinct self service users (in thousands) at the time of each collection.
Where to go next	n/a.

## Technical Information

Foglight Table	SelfServiceActivityAccumulative
Collector	_FG_OEBS_SS_ACTIVITY_ACC
Collection Frequency	Daily
Periodic Run Entry	Not applicable
Rule	SSIntradaySessions (Property) (SSS:ID:Property)

## Rule Message

SSS:ID:Property : The number of Self Service Sessions has exceeded the intraday [Alert Level] level of [Alert Value]

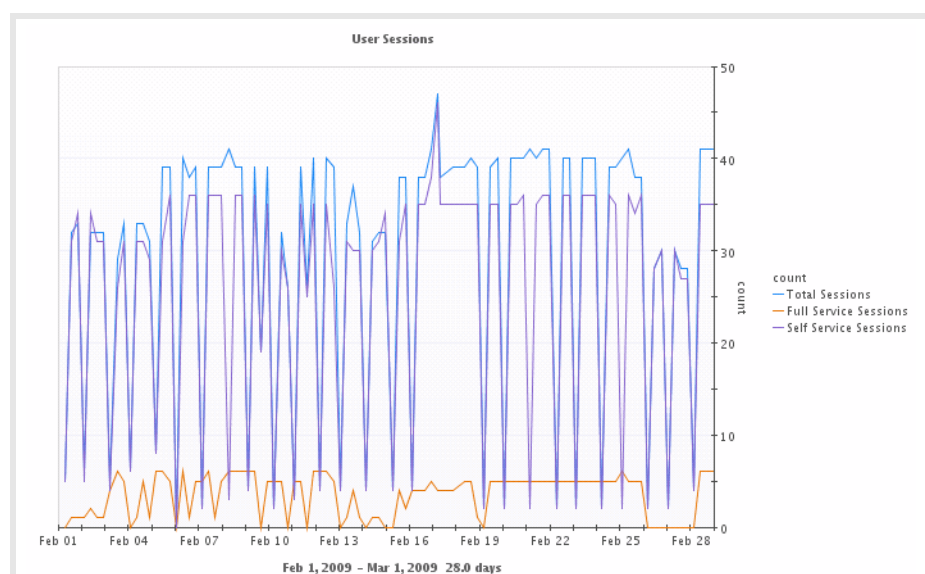
## Action on Alert

An increased session count may indicate an abnormal load on the web server resulting in high resource usage. Any resource alerts at the web server can be easily related back to this metric to identify if abnormal application behaviour was responsible.

## USERS—Sessions with Agent Selector View

### Purpose

The user session monitor displays the number of full service and self service sessions at each sample point.



## Description of the View

Data Displayed	<b>Total Sessions.</b> The total number of full service sessions and self service sessions at the time of each collection.
	<b>Full Service Sessions.</b> The number of full service sessions at the time of each collection.
	<b>Self Service Sessions.</b> The number of self service sessions at the time of each collection.
Where to go next	n/a.

## Technical Information

Foglight Table	AccountActivity
Collector	_FG_OEBS_FS_SS_SESSIONS
Collection Frequency	5 Minutes
Periodic Run Entry	Not applicable
Rule	Not applicable

## Rule Message

Not applicable.

## Action on Alert

Informational.

# UT—Uptime Views


The OEBCDatabase Agent includes the following uptime views:

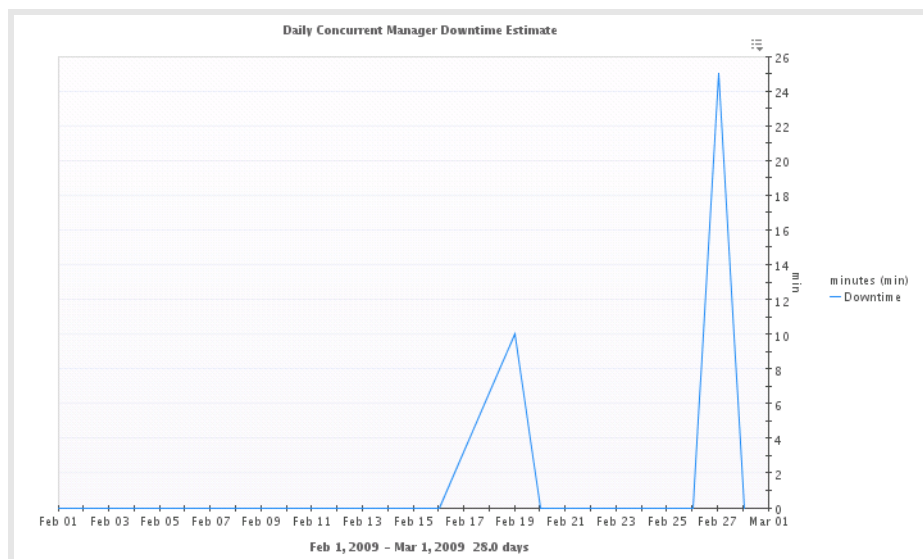
- [UT—Daily CM Downtime Estimate with Agent Selector View](#)
- [UT—Daily CM Uptime Percent with Agent Selector View](#)
- [UT—Daily DB Downtime Estimate with Agent Selector View](#)
- [UT—Daily DB Uptime Percent with Agent Selector View](#)
- [UT—Monthly CM Downtime Estimate with Agent Selector View](#)
- [UT—Monthly CM Uptime Percent with Agent Selector View](#)
- [UT—Monthly DB Downtime Estimate with Agent Selector View](#)
- [UT—Monthly DB Uptime Percent with Agent Selector View](#)

## UT—Daily CM Downtime Estimate with Agent Selector View

### Purpose

The internal uptime collector runs every five minutes and records the status of the concurrent managers. The estimated down time is calculated as the number of five minute samples. This is the duration when the concurrent managers were not available.

 **NOTE:** Foglight blackout periods do not affect the uptime calculations.



## Description of the View

Data Displayed	Downtime. The number of minutes that the concurrent managers were not available.
Where to go next	n/a.

## Technical Information

Foglight Table	UptimeDaily
Collector	_FG_OEBS_UPTIME_REP_DAILY
Collection Frequency	Daily
Periodic Run Entry	Not applicable
Rule	Not applicable

## Rule Message

Not applicable.

## Action on Alert


Informational.

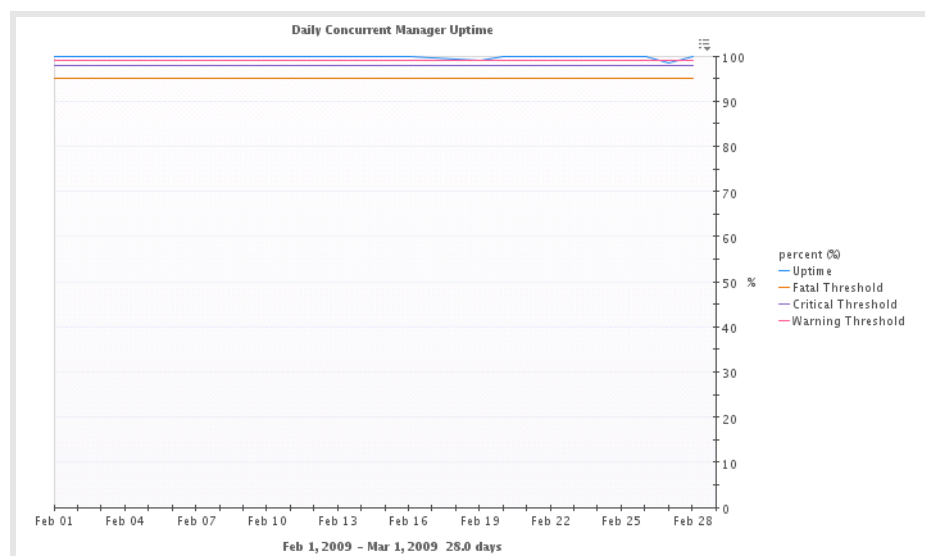


# UT—Daily CM Uptime Percent with Agent Selector View

## Purpose

The internal uptime collector runs every five minutes and records the status of the concurrent managers. The uptime is calculated as the number of five minute samples. This is the duration when concurrent managers were available as a percentage of the samples where the concurrent managers were not available.

 **NOTE:** Foglight blackout periods do not affect the uptime calculations.



## Description of the View

Data Displayed	Uptime. The percentage uptime of the concurrent managers per day.
	Fatal Threshold. The fatal threshold for percentage uptime. This value can be set using the <b>Concurrent Manager Uptime Fatal Daily (%)</b> agent property.
	Critical Threshold. The critical threshold for percentage uptime. This value can be set using the <b>Concurrent Manager Uptime Critical Daily (%)</b> agent property.
	Warning Threshold. The warning threshold for percentage uptime. This value can be set using the <b>Concurrent Manager Uptime Warning Daily (%)</b> agent property.
Where to go next	n/a.

## Technical Information

Foglight Table	UptimeDaily
Collector	_FG_OEBS_UPTIME_REP_DAILY
Collection Frequency	Daily
Periodic Run Entry	Not applicable
Rule	UT - Uptime CM Daily (UT:CMD)

## Rule Message

UT:CMD : Concurrent Manager Uptime for [Timestamp] was below the [Property Level] threshold of [Downtime percent] percent.


## Action on Alert

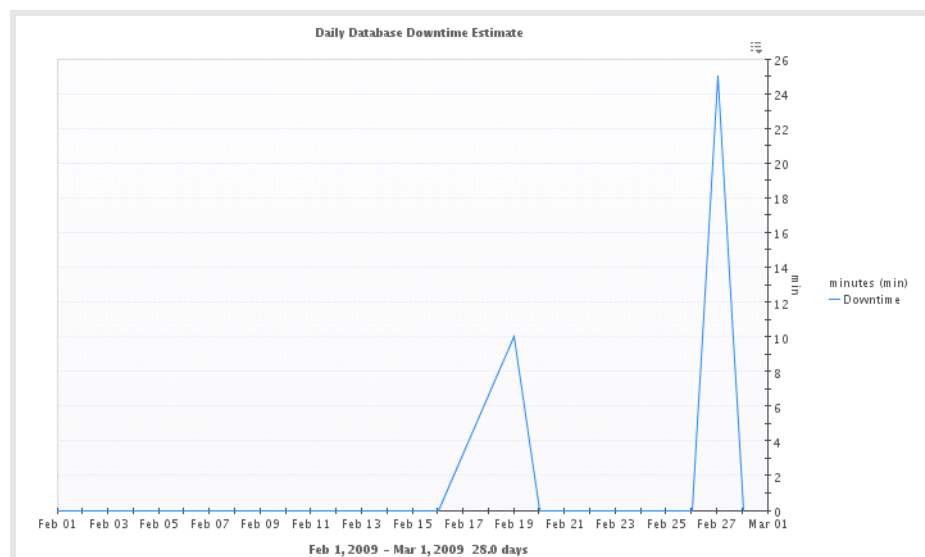
Informational.

# UT—Daily DB Downtime Estimate with Agent Selector View

## Purpose

The internal uptime collector runs every five minutes and records the status of the database. The estimated down time is calculated as the number of five minute samples. This is the duration when the database was not available.

 **NOTE:** Foglight blackout periods do not affect the uptime calculations.



## Description of the View

**Data Displayed** Downtime. The number of minutes that the databases were not available per day.

**Where to go next** n/a.

## Technical Information

Foglight Table	UptimeDaily
Collector	_FG_OEBS_UPTIME_REP_DAILY
Collection Frequency	Daily
Periodic Run Entry	Not applicable
Rule	Not applicable

Rule Message

Not applicable.


Action on Alert

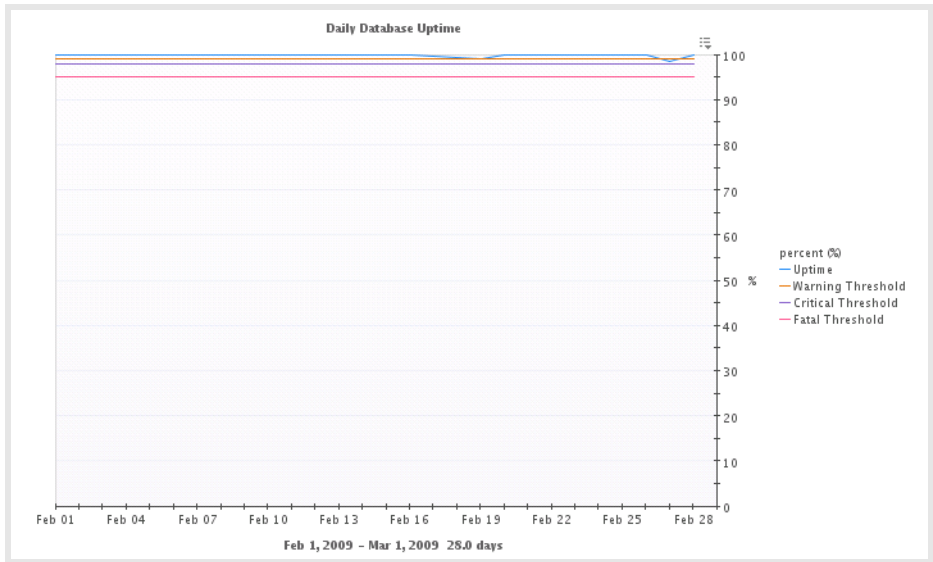
Informational.

UT—Daily DB Uptime Percent with Agent Selector View

Purpose

The internal uptime collector runs every five minutes and records the status of the database. The uptime is calculated as the number of five minute samples. This is the duration when the database was available as percentage of the samples where the database was not available.

 **NOTE:** Foglight blackout periods do not affect the uptime calculations.



Description of the View

Data Displayed	Uptime. The percentage uptime of the databases.
	Fatal Threshold. The fatal threshold for percentage uptime. This value can be set using the Database Uptime Fatal Daily (%) agent property.
	Critical Threshold. The critical threshold for percentage uptime. This value can be set using the Database Uptime Critical Daily (%) agent property.
	Warning Threshold. The warning threshold for percentage uptime. This value can be set using the Database Uptime Warning Daily (%) agent property.
Where to go next	n/a.

Technical Information

Foglight Table	UptimeDaily
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Collector	_FG_OEBS_UPTIME_REP_DAILY
Collection Frequency	Daily
Periodic Run Entry	Not applicable.
Rule	DBDailyUptime UT - Uptime DB Daily (UT:DBD)

## Rule Message

UT:DBD : Database Uptime for [Timestamp] was below the [Property Level] threshold of [Downtime percent] percent.

## Action on Alert

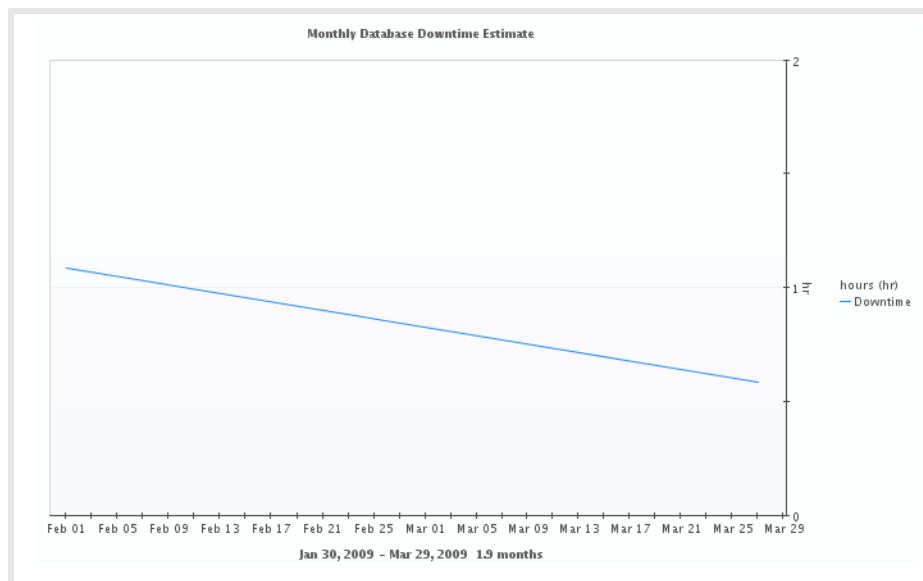
Informational.

# UT—Monthly CM Downtime Estimate with Agent Selector View

## Purpose

The internal uptime collector runs every five minutes and records the status of the concurrent managers. The estimated down time is calculated as the number of five minute samples. This is the duration when the concurrent managers were not available for the prior month.

Foglight blackout periods do not affect the uptime calculations.



## Description of the View

Data Displayed	Downtime. The number of minutes that the concurrent managers were not available for the prior month.
Where to go next	n/a.

## Technical Information

Foglight Table	UptimeMonthly
Collector	_FG_OEBS_UPTIME_REP_MONTH
Collection Frequency	Monthly
Periodic Run Entry	_FG_OEBS_UPTIME_REP_MONTH
Rule	Not applicable

### Rule Message

Not applicable.


### Action on Alert

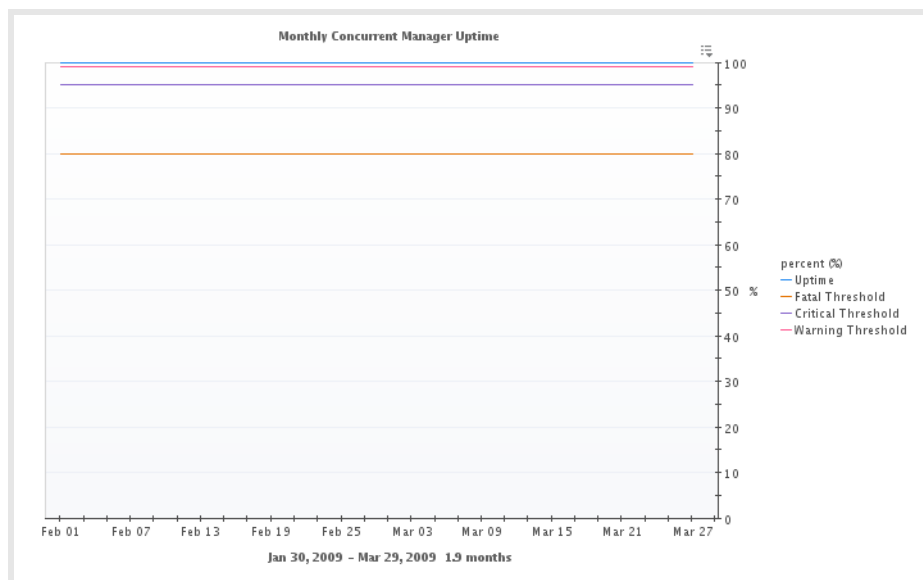
Informational.

## UT—Monthly CM Uptime Percent with Agent Selector View

### Purpose

The internal uptime collector runs every five minutes and records the status of the concurrent managers. The uptime is calculated as the number of five minute samples. This is the duration when the concurrent managers were available as percentage of the samples where the concurrent managers were not available.

 **NOTE:** Foglight blackout periods do not affect the uptime calculations.



## Description of the View

Data Displayed	<b>Uptime.</b> The percentage uptime of the concurrent managers for the prior month. <b>Fatal Threshold.</b> The fatal threshold for percentage uptime. This value can be set using the <b>Concurrent Manager Uptime Fatal Monthly (%)</b> agent property. <b>Critical Threshold.</b> The critical threshold for percentage uptime. This value can be set using the <b>Concurrent Manager Uptime Critical Monthly (%)</b> agent property. <b>Warning Threshold.</b> The warning threshold for percentage uptime. This value can be set using the <b>Concurrent Manager Uptime Warning Monthly (%)</b> agent property.
Where to go next	n/a.

## Technical Information

Foglight Table	UptimeMonthly
Collector	_FG_OEBS_UPTIME_REP_MONTH
Collection Frequency	Monthly
Periodic Run Entry	_FG_OEBS_UPTIME_REP_MONTH
Rule	UT - Uptime CM Monthly (UT:CMM)

## Rule Message

UT:CMM : Concurrent Manager Uptime for [Month] was below the [Property Level] threshold of [Downtime percent] percent.


## Action on Alert

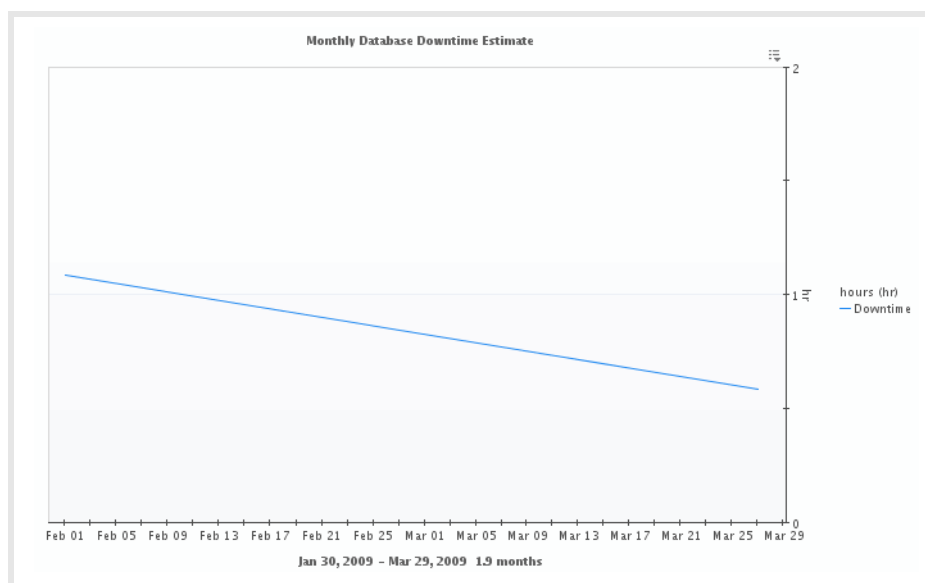
Informational.

# UT—Monthly DB Downtime Estimate with Agent Selector View

## Purpose

The internal uptime collector runs every five minutes and records the status of the database. The estimated down time is calculated as the number of five minute samples. This is the duration when the database was not available for the prior month.

 **NOTE:** Foglight blackout periods do not affect the uptime calculations.



## Description of the View

Data Displayed	Downtime. The number of minutes that the databases were not available for the prior month.
Where to go next	n/a.

## Technical Information

Foglight Table	UptimeMonthly
Collector	_FG_OEBS_UPTIME_REP_MONTH
Collection Frequency	Monthly
Periodic Run Entry	_FG_OEBS_UPTIME_REP_MONTH
Rule	Not applicable.

## Rule Message

Not applicable.


## Action on Alert

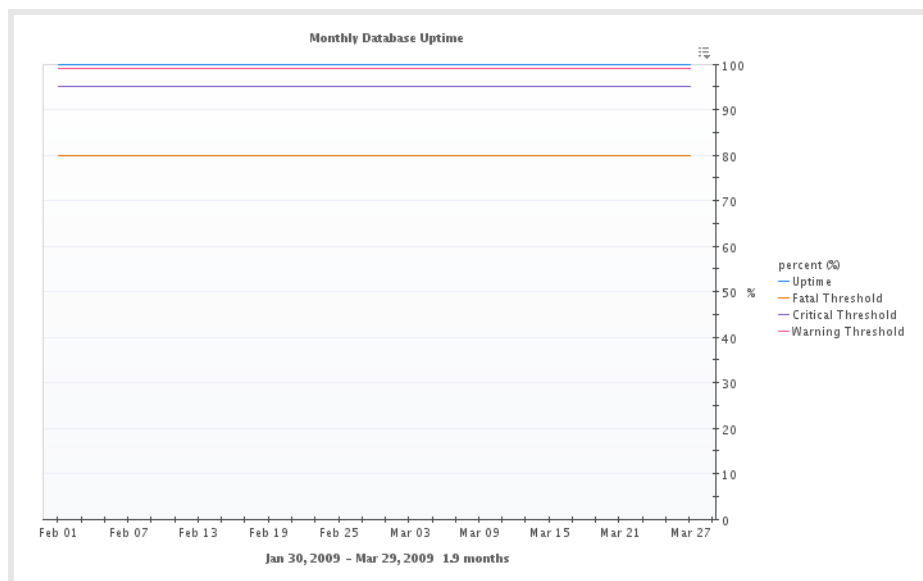
Informational.

# UT—Monthly DB Uptime Percent with Agent Selector View

## Purpose

The internal uptime collector runs every five minutes and records the status of the database. The uptime is calculated as the number of five minute samples. This is the duration when the database we available as percentage of the samples where the database were not available for the prior month.

 **NOTE:** Foglight blackout periods do not affect the uptime calculations.



## Description of the View

Data Displayed	<b>Uptime.</b> The percentage uptime of the databases for the prior month.
	<b>Fatal Threshold.</b> The fatal threshold for percentage uptime for the prior month. This value can be set using the <b>Database Uptime Fatal Monthly (%)</b> agent property.
	<b>Critical Threshold.</b> The critical threshold for percentage uptime for the prior month. This value can be set using the <b>Database Uptime Critical Monthly (%)</b> agent property.
	<b>Warning Threshold.</b> The warning threshold for percentage uptime for the prior month. This value can be set using the <b>Database Uptime Warning Monthly (%)</b> agent property.
Where to go next	n/a.

## Technical Information

Foglight Table	UptimeMonthly
Collector	_FG_OEBS_UPTIME_REP_MONTH
Collection Frequency	Monthly
Periodic Run Entry	_FG_OEBS_UPTIME_REP_MONTH
Rule	DBMonthlyUptime - Uptime DB Monthly (UT:DBM).

## Rule Message

UT:DBM : Database Uptime for [Timestamp] was below the [Property Level] threshold of [Downtime percent] percent.



## Action on Alert

Informational.

## WF—Workflow Views

The OEEDatabase Agent includes the following workflow views:

- [WF—Long Running Workflows with Agent Selector View](#)
- [WF—Overdue Notifications with Agent Selector View](#)
- [WF—Purge Estimates with Agent Selector View](#)
- [WF—Run Times with Agent Selector](#)
- [WF—Workflow Items Deferred \(Threshold\) with Agent Selector View](#)
- [WF—Workflow Items Error \(Threshold\) with Agent Selector View](#)
- [WF—Workflow Items Notified \(Threshold\) with Agent Selector View](#)
- [WF—Workflow Items Stuck \(Threshold\) with Agent Selector View](#)
- [WF—Workflow Items Timeout \(Threshold\) with Agent Selector View](#)
- [WF—Workflow Mail Items Waiting \(Threshold\) with Agent Selector View](#)
- [WF—Workflows \(Threshold\) with Agent Selector View](#)

## WF—Long Running Workflows with Agent Selector View

### Purpose

A long running workflow is any workflow active longer than the historical average plus three (3) standard deviation of workflows of the same workflow type.

When presented with the Foglight message:

- WF:001 [Time Stamp] : X long running workflows have been detected

This means Foglight has detected one or more long running workflows.

Use the WF - Long running workflows view to obtain more information on the long running workflows.

If you do not want a particular workflow to be included in the long running check, add the workflow to the agent property **Long Running Workflow Exclusion List**. Once added, the workflow is no longer be reported as long running.

EndTime ▼	Time Stamp	Workflow	Workflow Name	Workflow Key	Workflow Start Date	Current Run (Days)	Average Run (Days)	Alarm Threshold (Days)
3/18/09 7:06 AM	18-Mar-09 (Wed)	XDPPROV	SFM Fulfillment Processes	10004-SVC-1000110007	04-Apr-01 17:22	2,904 d	150 d	192 d
3/18/09 7:06 AM	18-Mar-09 (Wed)	XDPPROV	SFM Fulfillment Processes	10004-WI-1000110008	04-Apr-01 17:22	2,904 d	150 d	192 d
3/18/09 7:06 AM	18-Mar-09 (Wed)	XDPPROV	SFM Fulfillment Processes	10004-LINE-1000110006	04-Apr-01 17:22	2,904 d	150 d	192 d
3/18/09 7:06 AM	18-Mar-09 (Wed)	XDPPROV	SFM Fulfillment Processes	10001-MAIN-10000	04-Apr-01 17:17	2,904 d	150 d	192 d
3/18/09 7:06 AM	18-Mar-09 (Wed)	XDPPROV	SFM Fulfillment Processes	10004-MAIN-10005	04-Apr-01 17:22	2,904 d	150 d	192 d

## Description of the View

Data Displayed	EndTime. The end time, using application server time.
	Time Stamp. The date and time the long running workflow is detected—application server time.
	Workflow. Internal workflow name.
	Workflow Name. Workflow display name.
	Workflow Key. The workflow key.
	Workflow Start Date. The date the workflow commenced.
	Current Run (Days). The number of days the workflow is active.
	Average Run (Days). The historical average number of days for the workflow.
	Alarm Threshold (Days). The number of days that must pass before the alarm is raised.
Where to go next	n/a.

## Technical Information

Foglight Table	LongRunningWorkflows
Collector	_FG_OEBS_WF_LONG_RUNNING
Collection Frequency	Daily
Periodic Run Entry	_FG_OEBS_WF_LONG_RUNNING
Rule	Not applicable

## Technical

Workflows are only included in historical averages when they conform to the following workflow property settings:

- Limit to Workflows Completed in Last X months
- Minimum Average Workflows Runtime (Days)
- Minimum Workflows

That is, a workflow is included in historical averages where more than [Minimum Workflows] workflows of type have completed in the last [Limit to Workflows Completed in Last X months] months and the workflow has a minimum runtime of [Minimum Average Workflows Runtime (Days)] days.

## WF—Overdue Notifications with Agent Selector View

### Purpose

An Overdue notification is any workflow notification sent to an assigned user or role where the notification has not been acknowledged and the notifications due date has passed.

When presented with the Foglight message:

- WF:002 [Time Stamp] : X users with overdue workflow notifications has been detected

This means Foglight has detected one or more users have over due notifications.

The Workflow agent property **Overdue Notices Grace (days)** allows for a number of “grace” days once the notification date has passed before the notification is considered overdue.

EndTime ▾	Time Stamp	Assigned User	Overdue Items	Average Overdue Days	Maximum Overdue Days
3/18/09 7:09 AM	18-Mar-09 (Wed)	TLASHER	4	59 d	59 d
3/18/09 7:09 AM	18-Mar-09 (Wed)	JPETERMAN	1	27 d	27 d
3/18/09 7:09 AM	18-Mar-09 (Wed)	MKTMGR	1	61 d	61 d
3/18/09 7:09 AM	18-Mar-09 (Wed)	EBUSINESS	2	60 d	60 d
3/18/09 7:09 AM	18-Mar-09 (Wed)	CONMGR	1	61 d	61 d
3/18/09 7:09 AM	18-Mar-09 (Wed)	RCULLEN	4	27 d	27 d
3/18/09 7:09 AM	18-Mar-09 (Wed)	GRAINGER	1	5 d	5 d
3/18/09 7:09 AM	18-Mar-09 (Wed)	EIP	1	5 d	5 d

## Description of the View

<b>Data Displayed</b>	<b>EndTime.</b> The end time, using application server time.
	<b>Time Stamp.</b> The date and time the overdue notification is detected—application server time.
	<b>Assigned User.</b> The assigned user or role.
	<b>Overdue Items.</b> The number of overdue notifications.
	<b>Average Overdue Days.</b> The average number of overdue days for all overdue notifications.
	<b>Maximum Overdue Days.</b> The maximum number of overdue days for all overdue notifications.
<b>Where to go next</b>	n/a.

## Technical Information

Foglight Table	OverdueWorkflowNotices
Collector	_FG_OEBS_WF_OVERDUE_S
Collection Frequency	Daily
Periodic Run Entry	_FG_OEBS_WF_OVERDUE_S
Rule	Not applicable

## Action on Alert

Use the following Toad report to list all the overdue notifications for the user.

- Report: QUEST FOGLIGHT OEBS V5 > Workflow > Workflow Overdue Notifications.

## WF—Purge Estimates with Agent Selector View

### Purpose

A purgeable workflow is any workflow where all workflow items have a status of “Completed”.

When presented with the Foglight message:

- WF:003 [Time Stamp] : X workflow/s have been identified as possible candidates for purging

This means Foglight has detected one or more workflows suitable for purging.

If you do not want a particular workflow to be excluded from the purge estimate, then add the workflow to the agent property **Purge Estimates Exclusion List**. Once added, the workflow is no longer reported.

EndTime ▼	Time Stamp	Workflow	Workflow Name	Persistence Type	Workflow Count	Purge Estimate	Purge Estimate Percentage
3/18/09 7:11 AM	n/a	OAM_BE	n/a	n/a	n/a	n/a	n/a
3/18/09 7:11 AM	n/a	ASXSLASW	n/a	n/a	n/a	n/a	n/a
3/18/09 7:11 AM	n/a	WFERROR	n/a	n/a	n/a	n/a	n/a
3/17/09 8:12 PM	n/a	OAM_BE	n/a	n/a	n/a	n/a	n/a
3/17/09 8:12 PM	n/a	ASXSLASW	n/a	n/a	n/a	n/a	n/a
3/17/09 8:12 PM	n/a	WFERROR	n/a	n/a	n/a	n/a	n/a
3/16/09 8:12 PM	n/a	OAM_BE	n/a	n/a	n/a	n/a	n/a
3/16/09 8:12 PM	n/a	ASXSLASW	n/a	n/a	n/a	n/a	n/a
3/16/09 8:12 PM	n/a	WFERROR	n/a	n/a	n/a	n/a	n/a

## Description of the View

<b>Data Displayed</b>	<b>EndTime.</b> The end time, using application server time.
	<b>Time Stamp.</b> The date and time the purge estimate is detected—application server time.
	<b>Workflow.</b> Internal workflow name.
	<b>Workflow Name.</b> Workflow display name.
	<b>Persistence Type.</b> The persistence type of the workflow.
	<b>Workflow Count.</b> The total number of active workflows.
	<b>Purge Estimate.</b> The estimated number of purgeable workflows.
	<b>Purge Estimate Percentage.</b> The estimated purgeable as a percentage of the total number of workflows of the workflow type.
<b>Where to go next</b>	n/a.

## Technical Information

A workflow is only included in the purge alert where the persistence type = [Purge Estimate Persistence Type] and there are more than [Purge Estimate Minimum Workflows] and the percentage purgeable is greater than [Purge Estimate Minimum Percentage].

## WF—Run Times with Agent Selector

### Purpose

The workflow runtime collector collects, on a monthly basis, the runtimes for all completed workflows.

EndTime ▼	Time Stamp	Workflow	Workflow Name	Sample Size	Minimum Days	Average Days	Maximum Days	Standard Deviation Days
3/18/09 7:15 AM	n/a	WFERROR	n/a	n/a	n/a	n/a	n/a	n/a
3/18/09 7:15 AM	n/a	XDPPWFSTD	n/a	n/a	n/a	n/a	n/a	n/a
3/18/09 7:15 AM	n/a	ASXSLASW	n/a	n/a	n/a	n/a	n/a	n/a
3/18/09 7:15 AM	n/a	XDPPROV	n/a	n/a	n/a	n/a	n/a	n/a
3/18/09 7:15 AM	n/a	CS_KB_WF	n/a	n/a	n/a	n/a	n/a	n/a
3/18/09 7:15 AM	n/a	OEOL	n/a	n/a	n/a	n/a	n/a	n/a
3/17/09 8:12 PM	n/a	WFERROR	n/a	n/a	n/a	n/a	n/a	n/a

## Description of the View

<b>Data Displayed</b>	<b>EndTime.</b> The end time, using application server time.
	<b>Time Stamp.</b> The date and time of the runtime—using application server time.
	<b>Workflow.</b> Internal workflow name.
	<b>Workflow Name.</b> Workflow display name.
	<b>Sample Size.</b> The size of the sample.

Minimum Days.	The minimum number of days.
Average Days.	The average number of days.
Maximum Days.	The maximum amount of days.
Standard Deviation Days.	The standard deviation of days.
Where to go next	n/a.

## Technical Information

Foglight Table	WorkflowRuntimeHistory
Collector	_FG_OEBS_WF_ITEM_ACTIVITY
Collection Frequency	Monthly
Periodic Run Entry	Not applicable
Rule	Not applicable

## Rule Message

Not applicable

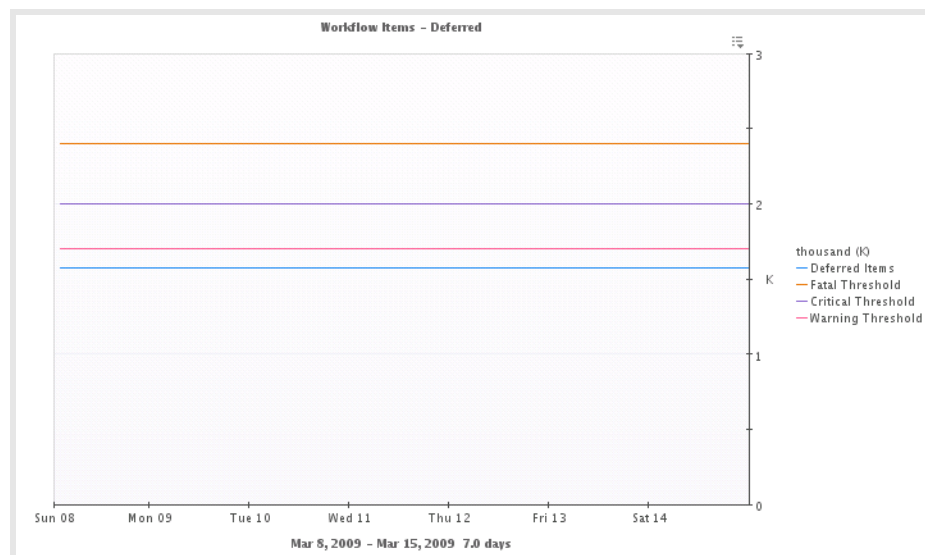
## Action on Alert

Informational.

# WF—Workflow Items Deferred (Threshold) with Agent Selector View

## Purpose

The workflow items deferred monitor displays the number of workflow items with a status of deferred.



## Description of the View

Data Displayed	Deferred Items. The number of workflow items with a status of deferred.
	<b>Fatal Threshold.</b> The fatal threshold for the number of deferred workflow items. This value can be set using the <b>Deferred Fatal Threshold</b> agent property.
	<b>Critical Threshold.</b> The critical threshold for the number of deferred workflow items. This value can be set using the <b>Deferred Critical Threshold</b> agent property.
	<b>Warning Threshold.</b> The warning threshold for the number of deferred workflow items. This value can be set using the <b>Deferred Warning Threshold</b> agent property.
Where to go next	n/a.

## Technical Information

Foglight Table	WorkflowItemActivity
Collector	_FG_OEBS_WF_ITEM_ACTIVITY
Collection Frequency1	5 Minutes
Periodic Run Entry	Not applicable
Rule	WorkflowDeferred - Workflow Items Deferred (Property) (WF:D)

## Rule Message

WF:D : The number of DEFERRED workflow items has exceeded the Property [Alert Level] threshold of [Alert Value].

## Action on Alert

A sharp rise in the number of deferred workflows could indicate that the workflow background process has encountered an error or is not running, or a background process is running but not processing some or all deferred items.

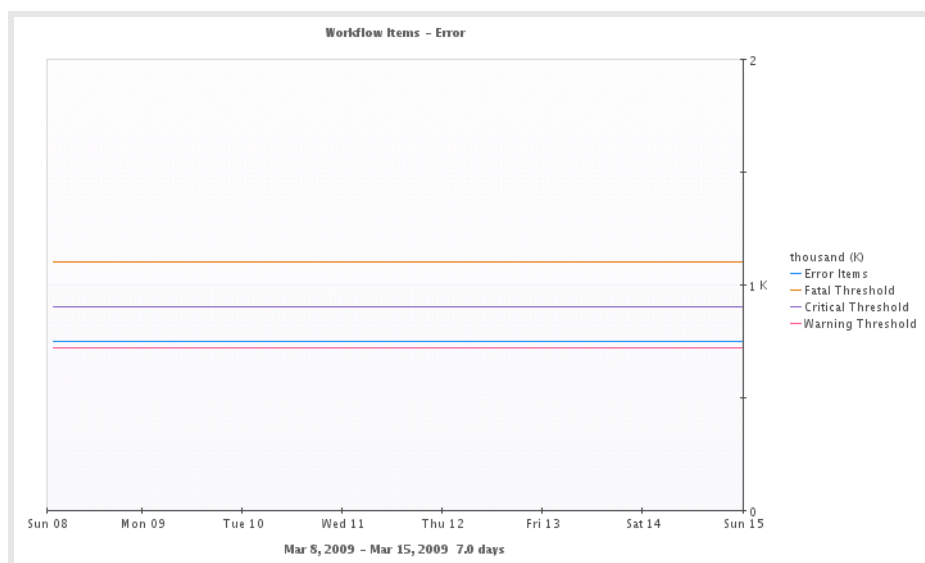
To monitor for the existence of the workflow background processes, add the workflow background process program to the HealthCheck Program Watch List through the Property screen.

Click on the Edit button located on the right side of Program Watch List. In the next screen that pops up, set the Check Exists value to Yes.

## WF—Workflow Items Error (Threshold) with Agent Selector View

### Purpose

The error workflow items monitor displays the number of workflow items with a status of error.



## Description of the View

Data Displayed	Error Items. The number of workflow items with a status of error.
	<b>Fatal Threshold.</b> The fatal threshold for the number of error workflow items. This value can be set using the <b>Error Fatal Threshold</b> agent property.
	<b>Critical Threshold.</b> The critical threshold for the number of error workflow items. This value can be set using the <b>Error Critical Threshold</b> agent property.
	<b>Warning Threshold.</b> The warning threshold for the number of error workflow items. This value can be set using the <b>Error Warning Threshold</b> agent property.
Where to go next	n/a.

## Technical Information

Foglight Table	WorkflowItemActivity
Collector	_FG_OEBS_WF_ITEM_ACTIVITY
Collection Frequency	15 Minutes
Periodic Run Entry	Not applicable
Rule	WorkflowError - Workflow Items Error (Property) (WF:E)

## Rule Message

WF:E : The number of ERROR workflow items has exceeded the Property [Alert Level] threshold of [Alert Value].

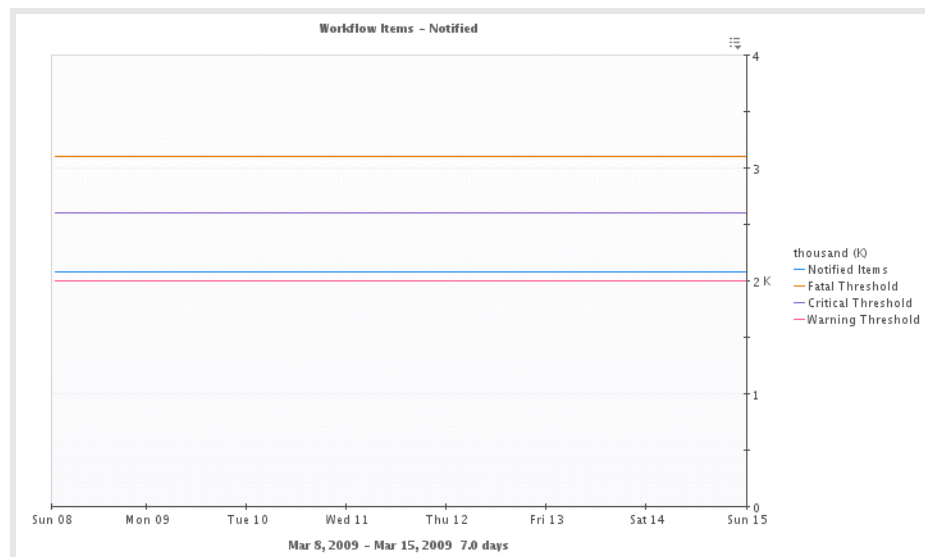
## Action on Alert

A sharp rise in the number of faulty workflow items should be investigated as soon as possible as it may indicate a larger problem.

# WF—Workflow Items Notified (Threshold) with Agent Selector View

## Purpose

The notified workflow items monitor displays the number of workflow items with a status of notified.



## Description of the View

Data Displayed	Notified Items. The number of workflow items with a status of notified.
	Fatal Threshold. The fatal threshold for the number of notified workflow items. This value can be set using the <b>Notified Fatal Threshold</b> agent property.
	Critical Threshold. The critical threshold for the number of notified workflow items. This value can be set using the <b>Notified Critical Threshold</b> agent property.
	Warning Threshold. The warning threshold for the number of notified workflow items. This value can be set using the <b>Notified Warning Threshold</b> agent property.
Where to go next	n/a.

## Technical Information

Foglight Table	WorkflowItemActivity
Collecto	r_FG_OEBS_WF_ITEM_ACTIVITY
Collection Frequency	15 Minutes
Periodic Run Entry	Not applicable
Rule	WorkflowNotified - Workflow Items Notified (Property) (WF:N)

## Rule Message

WF:N : The number of NOTIFIED workflow items has exceeded the Property [Alert Level] threshold of [Alert Value].



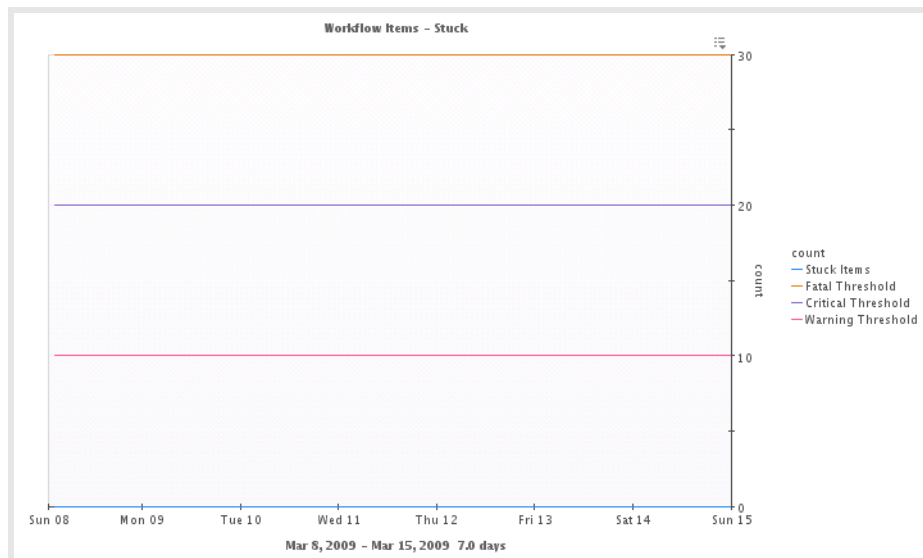
## Action on Alert

A sharp rise in the number of notified workflow items could indicate that the workflow mailer service has encountered an issue or a number of notifications are not being answered by the users. These should be investigated as soon as possible as it may indicate a larger problem.

# WF—Workflow Items Stuck (Threshold) with Agent Selector View

## Purpose

The stuck workflow items monitor displays the number of workflow items with a status of stuck.



## Description of the View

Data Displayed	Stuck Items. The number of workflow items with a status of stuck.
	Fatal Threshold. The fatal threshold for the number of stuck workflow items. This value can be set using the <b>Stuck Fatal Threshold</b> agent property.
	Critical Threshold. The critical threshold for the number of stuck workflow items. This value can be set using the <b>Stuck Critical Threshold</b> agent property.
	Warning Threshold. The warning threshold for the number of stuck workflow items. This value can be set using the <b>Stuck Warning Threshold</b> agent property.
Where to go next	n/a.

## Technical Information

Foglight Table	WorkflowItemActivity
Collector	_FG_OEBS_WF_ITEM_ACTIVITY
Collection Frequency	15 Minutes
Periodic Run Entry	Not applicable
Rule	WorkflowStuck - Workflow Items Stuck (Property) (WF:S)

## Rule Message

WF:S : The number of STUCK workflow items has exceeded the Property [Alert Level] threshold of [Alert Value].

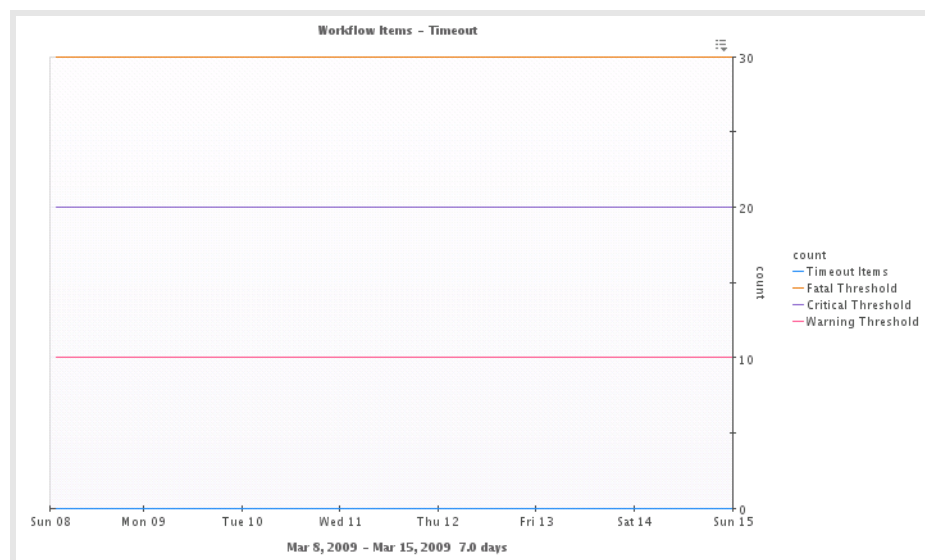
## Action on Alert

A rise in the number of stuck workflows could indicate that the workflow background process, set to clear the stuck items, has encountered an error or is not running, or a background process is running, but not processing some or all stuck items.

# WF—Workflow Items Timeout (Threshold) with Agent Selector View

## Purpose

The timeout workflow items monitor displays the number of workflow items with a status of timeout.



## Description of the View

Data Displayed	Timeout Items. The number of workflow items with a status of timeout.
	Fatal Threshold. The fatal threshold for the number of timeout workflow items. This value can be set using the <b>Timeout Fatal Threshold</b> agent property.
	Critical Threshold. The critical threshold for the number of timeout workflow items. This value can be set using the <b>Timeout Critical Threshold</b> agent property.
	Warning Threshold. The warning threshold for the number of timeout workflow items. This value can be set using the <b>Timeout Warning Threshold</b> agent property.
Where to go next	n/a.

## Technical Information

Foglight Table	WorkflowItemActivity
Collector	_FG_OEBS_WF_ITEM_ACTIVITY
Collection Frequency	15 Minutes

Periodic Run Entry	Not applicable
Rule	WorkflowTimeout - Workflow Items Timeout (Property) (WF:T)

## Rule Message

The number of TIMEOUT workflow items has exceeded the Property [Alert Level] threshold of [Alert Value].

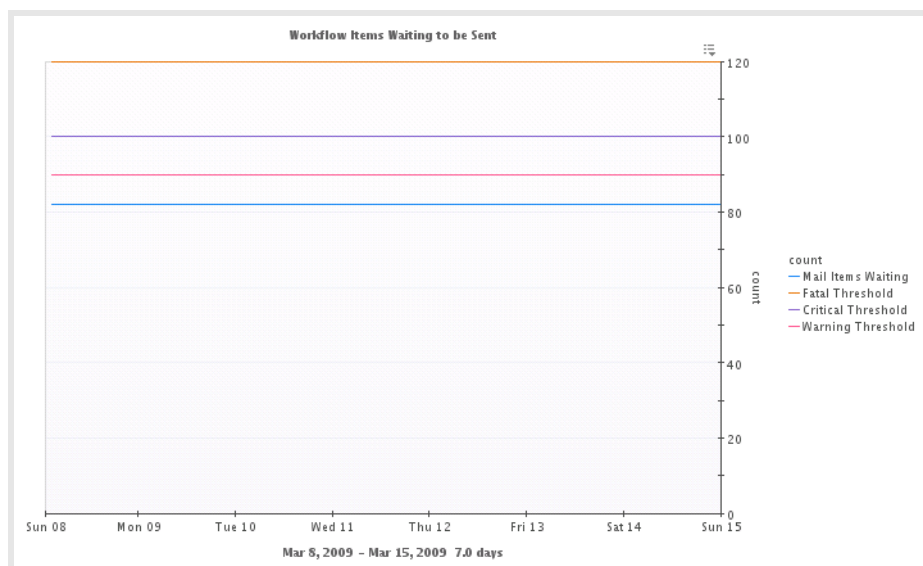
## Action on Alert

A rise in the number of stuck workflows could indicate that the workflow background process, set to clear the timeout items, has encountered an error or is not running, or a background process is running but not processing some or all timeout items.

# WF—Workflow Mail Items Waiting (Threshold) with Agent Selector View

## Purpose

The workflow mail items monitor displays the number of workflow items with a mail status of "MAIL" and has a valid associated workflow in the main workflow table of WF\_Item\_Activity\_Statuses.



## Description of the View

Data Displayed	<b>Mail Items Waiting.</b> The number of workflow items with a status of mail items waiting.
	<b>Fatal Threshold.</b> The fatal threshold for the number of mail waiting workflow items. This value can be set using the <b>Mail Items Fatal Threshold</b> agent property.
	<b>Critical Threshold.</b> The critical threshold for the number of mail waiting workflow items. This value can be set using the <b>Mail Items Critical Threshold</b> agent property.

**Warning Threshold.** The warning threshold for the number of mail waiting workflow items. This value can be set using the **Mail Items Warning Threshold** agent property.

Where to go next    n/a.

## Technical Information

Foglight Table	WorkflowItemActivity
Collector	_FG_OEBS_WF_ITEM_ACTIVITY
Collection Frequency	15 Minutes
Periodic Run Entry	Not applicable
Rule	WorkflowMail - Workflow Mail Items Waiting (Property) WF:MI

## Rule Message

WF:MI : The number of workflow items waiting to be sent has exceeded the Property [Alert Level] threshold of [Alert Value].

## Action on Alert

A sharp rise in the number of mail workflow items could indicate that the workflow mailer process has encountered an error or has stopped. Identifying the cause is dependant on the version of OEBS.

The workflow mailer process has changed considerably between OEBS versions. The workflow mailer in its first version was an OS process. It then became a concurrent program and is currently a concurrent manager.

## WF—Workflows (Threshold) with Agent Selector View

### Purpose

The workflows monitor displays the total number of workflows in the OEBS application.



## Description of the View

Data Displayed	Workflows. The total number of workflows in the OEBS application.
	<b>Fatal Threshold.</b> The fatal threshold for the number of workflows. This value can be set using the <b>Workflow Fatal Threshold</b> agent property.
	<b>Critical Threshold.</b> The critical threshold for the number of workflows. This value can be set using the <b>Workflow Critical Threshold</b> agent property.
	<b>Warning Threshold.</b> The warning threshold for the number of workflows. This value can be set using the <b>Workflow Warning Threshold</b> agent property.
Where to go next	n/a.

## Technical Information

Foglight Table	WorkflowItemActivity
Collector	_FG_OEBS_WF_ITEM_ACTIVITY
Collection Frequency	15 Minutes
Periodic Run Entry	Not applicable
Rule	WF - Active Workflows (Property) (WF:Property)

## Rule Message

WF:S : The number of workflows have exceeded the Property [Alert Level] threshold of [Alert Value].

## Action on Alert

A rise in the number of workflows generally indicates an overall increase in business activity.

# Rules

The Cartridge for Oracle E-Business Suite includes some built-in rules that monitor the health of your application server environment. In this guide, the description of the rules are organized into a table.

## Cartridge for Oracle E-Business Suite Rules Table

The following rules exist in the Foglight cartridge for OEB:

Rule	Description
ActiveAccounts	Alerts if the number of active application accounts exceed thresholds.
AgentMessages	Accesses the agent's AgentMessages table to raise or clear alerts to the Foglight Administrator. This rule should not be modified unless instructed by Dell Support.
CMAvailability	The availability of the Concurrent Manager.
CMDailyUptime	Uptime of the Concurrent Manager, per day.

Rule	Description
CMMonthlyUptime	Uptime of the Concurrent Manager, per month.
CompletedError	Alerts if the number of completed requests, in a state of error, exceed thresholds.
CompletedPrograms	Alerts on the watched programs as they complete.
CompletedTotal	Alerts if the total number of completed requests exceed thresholds.
CompletedTotalBL	Alerts if the total number of completed requests exceed a baselined range (baseline).
CompletedWarning	Alerts if the number of completed requests, in a state of warning, exceed thresholds.
Concurrent_Requests	Example for reporting on the FND_CONCURRENT_REQUESTS table growth in the ObjectMonitor sample.
DBDailyUptime	Uptime of the database, per day.
DBMonthlyUptime	Uptime of the database, per month.
DuplicateRequests	Alerts if the agent detects a user submitting redundant requests.
FSIntradaySessions	Alerts if the full-service session count for the day exceeds thresholds.
FSIntradaySessionsBL	Alerts if the full-service session count for the day exceeds a baseline range (baseline).
FSSessionCount	Alerts if the number of full-service sessions exceed thresholds.
HealthCheck	Report any general application health issues.
LogAndOutSpace	Alerts if the total size of all reports' log and out space exceeds thresholds.
LogAndOutSpaceBL	Alerts if the total size of all reports' log and out space exceeds a baseline range (baseline).
LongRunningRequests	Alerts if requests are taking an unusually long time to complete.
MaintenanceMode	Alerts if the application goes into maintenance mode.
OAMMessages	Messages from the Oracle Application Manager.
PendingCountByManager	Alerts if the number of pending requests for a manager exceed thresholds.
PendingErrorCount	Alerts if the total number of 'pending error' requests exceed thresholds.
PendingNormalCount	Alerts if the total number of 'pending normal' requests exceed thresholds.
ResponseTime	Alerts if the application's response time exceeds a threshold.
ResponseTimeBL	Alerts if the application's response time exceeds a baseline range.
RunningPrograms	Alerts on the watched programs as they are running.
SSIntradayPages	Alerts if the self-service page count for the day exceeds thresholds.
SSIntradayPagesBL	Alerts if the self-service page count for the day exceeds a baselined range (baseline).

Rule	Description
SSIntradaySessions	Alerts if the self-service session count for the day exceeds thresholds.
SSIntradaySessionsBL	Alerts if the self-service session count for the day exceeds a baseline range (baseline).
SSPageRate	Alerts if the self-service page growth rate exceeds thresholds.
SSSessionCount	Alerts if the self-service session count exceeds thresholds.
WFMAvailability	The availability of the Workflow Mailer.
WorkflowCount	Alerts if the number of active workflows exceed thresholds.
WorkflowDeferred	Alerts if the number of deferred workflows exceed thresholds.
WorkflowError	Alerts if the number of error workflows exceed thresholds.
WorkflowMail	Alerts if the number of workflow mail items exceed thresholds.
WorkflowNotified	Alerts if the number of notified workflows exceed thresholds.
WorkflowStuck	Alerts if the number of stuck workflows exceed thresholds.
WorkflowTimeout	Alerts if the number of timeout workflows exceed thresholds.

## Data

This chapter details the data tables available with the Cartridge for Oracle E-Business Suite. The collections data is not viewable from Foglight for Oracle E-Business Suite.

The cartridge uses the following tables:

- [AccountActivity](#)
- [ActiveAccounts](#)
- [AgentMessages](#)
- [ApplicationConfiguration](#)
- [ApplicationResponseTime](#)
- [ApplicationResponseTimeHistory](#)
- [Availability](#)
- [CompletedProgramWatcher](#)
- [CompletedRequests](#)
- [CompletedRequestsHistory](#)
- [DuplicateRequests](#)
- [FullServiceActivity](#)
- [FullServiceActivityAccumulative](#)
- [FullServiceHistory](#)
- [HealthCheck](#)
- [LongRunningRequests](#)
- [LongRunningWorkflows](#)
- [OAMMessages](#)

- [ObjectMonitor](#)
- [OverdueWorkflowNotices](#)
- [RequestLogAndOutSpace](#)
- [RequestLogAndOutSpaceHistory](#)
- [RunningAndPendingRequests](#)
- [RunningAndPendingRequestsByManager](#)
- [RunningProgramWatcher](#)
- [SelfServiceActivity](#)
- [SelfServiceActivityAccumulative](#)
- [SelfServiceHistory](#)
- [SelfServiceLimitCheck](#)
- [UptimeDaily](#)
- [UptimeMonthly](#)
- [WorkflowItemActivity](#)
- [WorkflowPurgeEstimates](#)
- [WorkflowRuntimeHistory](#)

## AccountActivity

This data table reports on the activity of the application users' accounts.

Field	Description
BlankColumn	An internal Foglight column.
FsSessions	The number of full-service sessions.
SsSessions	The number of self-service sessions.
Time	The Foglight server time that this row was collected.
TimeStamp	The date/time of this record, as it relates to the application.
TotalSessions	The total number of sessions.

## ActiveAccounts

This data table reports on the currently active accounts.

Field	Description
ActiveAccounts	The number of active accounts.
ActiveAccounts	The number of active accounts.
AspWarningLevel	The user-defined warning level from the properties of the agent.
BlankColumn	An internal Foglight column.
SeverityLevel	
Time	The Foglight server time that this row was collected.



Field	Description
TimeStamp	The date/time of this record, as it relates to the application.

## AgentMessages

The AgentMessages table is used by the agent to report internal successes/failures/exceptions to the Foglight Administrator. Refer to the AgentMessages rule.


## ApplicationConfiguration

Report application configuration information, such as version numbers and if the instance the agent is connecting to is part of a RAC cluster.

Field	Description
BlankColumn	An internal Foglight column.
Build	The third significant number in the application version.
DatabaseGlobalName	The global database name of the instance to which the agent is connected.
DatabaseName	The database name of the instance to which the agent is we are connected.
DatabaseRole	The role in which the database is set.
DatabaseUniqueName	The unique database name of the instance to which the agent is connected.
Major	The first significant digit of the application version.
Minor	The second significant digit of the application version.
Patch	The fifth significant digit of the application version.
RAC	The agent running in a RAC environment?
Time	The Foglight server time that this row was collected.
Version	The fourth significant digit of the application version.
VersionString	A string representation of the whole application version number.

## ApplicationResponseTime

This sample allows the user to pick a consistent job within the application, and monitor that to track the general response time of the application. Thresholds can also be entered in the agent's properties for alarm purposes.

 **NOTE:** The frequency of this sample is restricted by schedule of the job within the application. This sample does not return any rows to Foglight if the job being monitored has not executed between its last sample period.

Field	Description
AspCriticalThresholdSeconds	The user-defined critical level from the properties of the agent.

Field	Description
AspFatalThresholdSeconds	The user-defined fatal level from the properties of the agent.
AspSeverity	The severity of this record, based on the agent property thresholds.
AspWarningThresholdSeconds	The user-defined warning level from the properties of the agent.
BIAverageSeconds	From an agent baseline calculation.
BIMaximumSeconds	From an agent baseline calculation.
BIMinimumSeconds	From an agent baseline calculation.
BISeverity	The severity of this record, based on the baseline calculation.
BIStdDeviationSeconds	
BIWarningThresholdSeconds	
BlankColumn	An internal Foglight column.
MonitoredProgram	
ResponseTimeSeconds	The number of seconds the specified job is taking to complete.
Time	The Foglight server time that this row was collected.
TimeStamp	The date/time of this record, as it relates to the application.

## ApplicationResponseTimeHistory

The history of the response time of the application on a per day basis.

Field	Description
AvgResponseTimeSeconds	The average response time.
BlankColumn	An internal Foglight column.
MaxResponseTimeSeconds	The maximum response time.
MinResponseTimeSeconds	The minimum response time.
SampleSize	The number of samples user in the calculation.
StddevResponseTimeSeconds	From an agent baseline calculation.
Time	The Foglight server time that this row was collected.
TimeStamp	The date/time of this record, as it relates to the application.

## Availability

This data table reports on the availability of key components of the application.

Field	Description
BlankColumn	An internal Foglight column.
CmSeverity	Informational or Fatal.
CmStatus	Zero percent or 100 percent.

Field	Description
MmSeverity	Informational or Fatal.
MmStatus	Zero percent or 100 percent.
Time	The Foglight server time that this row was collected.
TimeStamp	The date/time of this record, as it relates to the application.
WfMailerSeverity	Informational or Fatal.
WfMailerStatus	Zero percent or 100 percent.

## CompletedProgramWatcher

This sample monitors a list of user-defined programs and reports on them once they complete.

Field	Description
ActualCompletionDate	When did the watched program complete?
BlankColumn	An internal Foglight column.
CompletionText	What was the completion text?
ProgramName	The name of the program watched.
RequestID	The identifier of the program watched.
RequestStatus	The status of the watched program.
RequestedBy	Who requested the watched program?
Severity	Informational, Warning, Critical or Fatal.
Time	The Foglight server time that this row was collected.
TimeStamp	The date and time of this record, as it relates to the application.

## CompletedRequests

This data table reports on all the requests that complete between samples.

Field	Description
AspErrorCriticalThreshold	The user-defined threshold from the agent properties.
AspErrorFatalThreshold	The user-defined threshold from the agent properties.
AspErrorWarningThreshold	The user-defined threshold from the agent properties.
AspSeverityCompletedError	Informational, Warning, Critical or Fatal.
AspSeverityCompletedTotal	Informational, Warning, Critical or Fatal.
AspSeverityCompletedWarningI	Informational, Warning, Critical or Fatal.
AspTotalCriticalThreshold	The user-defined threshold from the agent properties.
AspTotalFatalThreshold	The user-defined threshold from the agent properties.
AspTotalWarningThreshold	The user-defined threshold from the agent properties.

Field	Description
AspWarningCriticalThreshold	The user-defined threshold from the agent properties.
AspWarningFatalThreshold	The user-defined threshold from the agent properties.
AspWarningWarningThreshold	The user-defined threshold from the agent properties.
BIAverageTotal	A baseline calculation.
BIMaximumTotal	A baseline calculation.
BIMinimumTotal	A baseline calculation.
BISeverity	Informational or Warning.
BIStdDeviationTotal	A baseline calculation.
BIWarningThresholdTotal	The user-defined threshold from the agent properties.
BlankColumn	An internal Foglight column.
CompletedCancelled	The number of requests cancelled.
CompletedError	The number of requests in error.
CompletedFsg	The number of completed FSG requests.
CompletedNormal	The number of normally completed requests.
CompletedTerminated	The number of requests terminated.
CompletedTotal	The total number of completed requests.
CompletedWarning	The number of requests completed with warning.
Time	The Foglight server time that this row was collected.
TimeStamp	The date/time of this record, as it relates to the application.

## CompletedRequestsHistory

An historical summary of all completed requests on a per day basis.

Field	Description
BlankColumn	An internal Foglight column.
CompletedCancelled	The number of requests cancelled.
CompletedError	The number of requests that completed in error.
CompletedFsg	The number of completed FSG requests.
CompletedNormal	The number of requests that completed.
CompletedTerminated	The number of requests terminated.
CompletedWarning	The number of requests that completed with warning.
Time	The Foglight server time that this row was collected.
TimeStamp	The date/time of this record, as it relates to the application.
TotalCompleted	The total number of completed requests.
TotalProcessingDdHhMm	The total amount of processing time.

Field	Description
TotalProcessingHours	The total amount of processing time.

## DuplicateRequests

The sample reports on all requests that have been submitted more than once by the same user. This allows for the easy identification of redundant request processing.

Field	Description
ArgumentText	The arguments to the duplicate request.
BlankColumn	An internal Foglight column.
DuplicateCount	The number of times it is currently duplicated.
ProgramName	The name of the program.
SeverityLevel	Informational, Warning, Critical or Fatal.
Time	The Foglight server time that this row was collected.
TimeStamp	The date/time of this record, as it relates to the application.
UserName	The user who submitted the requests.

## FullServiceActivity

This data table reports on the full-service activity of the application.

Field	Description
AspSessionCriticalLevel	The user-defined threshold from the agent properties.
AspSessionFatalLevel	The user-defined threshold from the agent properties.
AspSessionWarningLevel	The user-defined threshold from the agent properties.
AspSeveritySessions	Informational, Warning, Critical or Fatal.
BISessionAverage	A baseline calculation.
BISessionMaximum	A baseline calculation.
BISessionWarning	A baseline calculation.
BISeverity	Informational or Warning.
BlankColumn	An internal Foglight column.
SessionCount	The number of sessions.
Time	The Foglight server time that this row was collected.
TimeStamp	The date/time of this record, as it relates to the application.

## FullServiceActivityAccumulative

This sample, like FullServiceActivity, reports on an application's full-service processing, however, it also summarizes the values for the day.

Field	Description
AspSessionCritical	The user-defined threshold from the agent properties.
AspSessionFatal	The user-defined threshold from the agent properties.
AspSessionWarning	The user-defined threshold from the agent properties.
AspSeveritySessions	Informational, Warning, Critical or Fatal.
BISessionMaximum	A baseline calculation.
BISessionStddev	A baseline calculation.
BISessionWarning	Informational or Warning.
BISeverity	Informational or Warning.
BlankColumn	An internal Foglight column.
DistinctAccounts	
SessionCount	The number of sessions.
Time	The Foglight server time that this row was collected.
TimeStamp	The date/time of this record, as it relates to the application.

## FullServiceHistory

An historical summarization, on a daily basis.

Field	Description
BlankColumn	An internal Foglight column.
DistinctUsers	The number of distinct users.
SessionCount	The number of sessions.
Time	The Foglight server time that this row was collected.
TimeStamp	The date/time of this record, as it relates to the application.

## HealthCheck

This sample performs several checks throughout the day, and reports on any general application issues that need attention.

Field	Description
AlertIDLongRunningRequests	A unique identifier for the alert raised.
BlankColumn	An internal Foglight column.
Details	The message to display in the alert.
Severity	Information, Warning, Critical or Fatal.
Time	The Foglight server time that this row was collected.
TimeStamp	The date/time of this record, as it relates to the application.

## LongRunningRequests

This data table reports on requests that are running for a long time.

Field	Description
ActualRuntimeMinutes	The number of minutes the request has been running.
AlarmMinutes:	The user-defined threshold from the agent properties.
AvgMinutes	The average number of minutes this request takes.
BlankColumn	An internal Foglight column.
ProgramName	The name of the program.
RequestId	The ID of the programs requestor.
RequestedBy	The name of the programs requestor.
Severity	Informational, Warning, Critical or Fatal.
Time	The Foglight server time that this row was collected.
TimeStamp	The date/time of this record, as it relates to the application.

## LongRunningWorkflows

This data table reports on workflows that are taking a long time.

Field	Description
AlarmAfterDay	The user-defined threshold from the agent properties.
AverageRunDays	What is the average days this workflow takes to complete?
BlankColumn	An internal Foglight column.
CurrentRunDays	How many days has this workflow been running?
Time	The Foglight server time that this row was collected.
TimeStamp	The date/time of this record, as it relates to the application.
WfDisplayName	Workflow display name.
WfKey	A unique identifier for the workflow.
WfName	The name of the workflow.
WfStartDate	The start date/time of the workflow.

## OAMMessages

This sample reports the messages from Oracle Application Manager.

Field	Description
BlankColumn	An internal Foglight column.
OamCategory	The category for the OAM message.
OamMessageCount	The count of messages.

Field	Description
OamMessageText	The text of the message.
OamSeverity	The severity, as it is to OAM.
Severity	Informational, Warning, Critical or Fatal.
Time	The Foglight server time that this row was collected.
TimeStamp	The date/time of this record, as it relates to the application.

## ObjectMonitor

This sample allows the user to enter a user-defined list of Oracle objects to monitor for growth. The user is expected to create their own custom views and rules based on this collected data.

Field	Description
AspWarningRows	The user-defined threshold from the agent properties.
BlankColumn	An internal Foglight column.
ObjectName	The name of the object.
ObjectOwner	The owner of the object.
ObjectRowCount	The number of rows of the object.
ObjectSeverity	Informational, Warning, Critical or Fatal.
ObjectType	What type is the object?
RowsPerDayLT	A calculated average, based on long-term figures. This value becomes more accurate, the longer the agent runs.
Time	The Foglight server time that this row was collected.
TimeStamp	The date/time of this record, as it relates to the application.

## OverdueWorkflowNotices

This data table reports on workflow notices that are now overdue

Field	Description
AssignedUser	The user currently assigned to this workflow.
AverageOverdueDays	The average overdue number of days.
BlankColumn	An internal Foglight column.
MaximumOverdueDays	The maximum number of days this workflow is allowed to reach.
OverdueItems	The number of overdue items in this workflow.
Time	The Foglight server time that this row was collected.
TimeStamp	The date/time of this record, as it relates to the application.



## RequestLogAndOutSpace

This sample monitors log and out space on the server.

Field	Description
AspSeverity	The user-defined threshold from the agent properties.
AspTotalMbCritical	The user-defined threshold from the agent properties.
AspTotalMbFatal	The user-defined threshold from the agent properties.
AspTotalMbWarning	The user-defined threshold from the agent properties.
BIAvgValue	A baseline calculation.
BIMaxValue	A baseline calculation.
BIMinValue	A baseline calculation.
BISeverity	Informational or Warning.
BIStddev	A baseline calculation.
BIWarningLevelMb	A baseline calculation.
BlankColumn	An internal Foglight column.
FgKey	A unique identifier. Internal to Foglight.
LogFileMb	The number of log file megabytes.
OutFileMb	The number of out file megabytes.
RequestCount	The count of requests.
Time	The Foglight server time that this row was collected.
TimeStamp	The date/time of this record, as it relates to the application.
TotalMb	The total number megabytes.

## RequestLogAndOutSpaceHistory

An historical view of log and out space, on a per day basis.

Field	Description
BlankColumn	An internal Foglight column.
LogFileMb	The number of log file megabytes.
OutFileMb	The number of out file megabytes.
RequestCount	The number of requests.
Time	The Foglight server time that this row was collected.
TimeStamp	The date/time of this record, as it relates to the application.
TotalMb	The total number megabytes.

## RunningAndPendingRequests

This sample reports on the running and pending requests in the application.

Field	Description
AspSeverityPendError	The user-defined threshold from the agent properties.
AspSeverityPending	The user-defined threshold from the agent properties.
AspTotalPendErrorCritical	The user-defined threshold from the agent properties.
AspTotalPendErrorFatal	The user-defined threshold from the agent properties.
AspTotalPendErrorWarning	The user-defined threshold from the agent properties.
AspTotalPendingCritical	The user-defined threshold from the agent properties.
AspTotalPendingFatal	The user-defined threshold from the agent properties.
AspTotalPendingWarning	The user-defined threshold from the agent properties.
BlankColumn	An internal Foglight column.
on holdCount	The number of requests on hold.
PendingCount	The number of requests in a pending state.
PendingErrorCount	The number of requests in a pending-error state.
RunningCount	The number of requests running.
ScheduledCount	The number of requests scheduled.
Time	The Foglight server time that this row was collected.
TimeStamp	The date/time of this record, as it relates to the application.
TotalPending	The number of requests pending.

## RunningAndPendingRequestsByManager

This sample summarizes the running and pending requests processed in the application, and groups them on the Concurrent Manager that processes them.

Field	Description
BlankColumn	An internal Foglight column.
ManagerName	The name of the manager.
MaxProcesses	The maximum number of processes.
PendingAlarmLevel	The user-defined threshold from the agent properties.
PendingCount	The number of requests in a pending state.
RunningAlarmLevel	The user-defined threshold from the agent properties.
RunningCount	The number of requests running.
SeverityPending	Informational, Warning, Critical or Fatal.
SeverityRunning	Informational, Warning, Critical or Fatal.
Time	The Foglight server time that this row was collected.

Field	Description
TimeStamp	The date/time of this record, as it relates to the application.

## RunningProgramWatcher

This sample allows the user to identify a user-defined list of programs to watch, then monitors them.

Field	Description
ActualStartDate	The start date/time of the watching program.
BlankColumn	An internal Foglight column.
ProgramName	The name of the program being watched.
RequestID	The request identifier of the watched program.
RequestStatus	The status of the watched program.
RequestedBy	Who requested it?
RequestedStartDate	The requested start date/time.
Severity	Informational, Warning, Critical or Fatal.
Time	The Foglight server time that this row was collected.
TimeStamp	The date/time of this record, as it relates to the application.

## SelfServiceActivity

This data table reports on the self-service activity in the application.

Field	Description
AspPageRateCriticalLevel	The user-defined threshold from the agent properties.
AspPageRateFatalLevel	The user-defined threshold from the agent properties.
AspPageRateWarningLevel	The user-defined threshold from the agent properties.
AspSessionCriticalLevel	The user-defined threshold from the agent properties.
AspSessionFatalLevel	The user-defined threshold from the agent properties.
AspSessionWarningLevel	The user-defined threshold from the agent properties.
AspSeverityPageRate	A calculated rate.
AspSeveritySessions	Informational, Warning, Critical or Fatal.
BISessionAverage	A baseline calculation.
BISessionMaximum	A baseline calculation.
BISessionWarning	A baseline calculation.
BISeverity	Informational or Warning.
BlankColumn	An internal Foglight column.
PageRatePerMinute	A calculated rate.

Field	Description
SessionCount	The number of sessions.
Time	The Foglight server time that this row was collected.
TimeStamp	The date/time of this record, as it relates to the application.

## SelfServiceActivityAccumulative

This sample accumulates metrics for the self-service activity for the day.

Field	Description
AspPageCritical	The user-defined threshold from the agent properties.
AspPageFatal	The user-defined threshold from the agent properties.
AspPageWarning	The user-defined threshold from the agent properties.
AspSessionCritical	The user-defined threshold from the agent properties.
AspSessionFatal	The user-defined threshold from the agent properties.
AspSessionWarning	The user-defined threshold from the agent properties.
AspSeverityPages	Informational, Warning, Critical or Fatal.
AspSeveritySessions	Informational, Warning, Critical or Fatal.
BIPageAverage	A baseline calculation.
BIPageMaximum	A baseline calculation.
BIPageStddev	A baseline calculation.
BIPageWarning	Informational or Warning.
BISessionAverage	A baseline calculation.
BISessionMaximum	A baseline calculation.
BISessionStddev	A baseline calculation.
BISessionWarning	Informational or Warning.
BISeverityPages	A baseline calculation.
BISeveritySessions	Informational or Warning.
BlankColumn	An internal Foglight column.
DistinctAccounts	The number of distinct accounts.
PageCount	The number of pages.
SessionCount	The number of sessions.
Time	The Foglight server time that this row was collected.
TimeStamp	The date/time of this record, as it relates to the application.

## SelfServiceHistory

An historical summarization of the self-service activity, on a per day basis.

Field	Description
BlankColumn	An internal Foglight column.
DistinctUsers	The number of distinct users.
PageRequests	The number of page requests.
SessionCount	The number of sessions.
Time	The Foglight server time that this row was collected.
TimeStamp	The date/time of this record, as it relates to the application.

## SelfServiceLimitCheck

This sample is designed to alert with self-service jobs exceed user-defined limits.

Field	Description
AspMinutesOfSessionLimit	The user-defined threshold from the agent properties.
AspPageLimitPercent	The user-defined threshold from the agent properties.
BlankColumn	An internal Foglight column.
LastConnectTime	The Foglight server time that this row was collected.
LimitType	What limit was hit?
SessionHours	The number of hours the session has been active.
SessionHoursLimit	The user-defined threshold from the agent properties.
SessionPageLimit	The user-defined threshold from the agent properties.
SessionPages	
Time	The Foglight server time that this row was collected.
TimeStamp	The date/time of this record, as it relates to the application.
UserName	The connected user.

## UptimeDaily

A summarization of the uptime of the application on a per day basis.

Field	Description
AspCmCriticalUptimePercent	The user-defined threshold from the agent properties.
AspCmFatalUptimePercent	The user-defined threshold from the agent properties.
AspCmSeverity	
AspCmWarningUptimePercent	The user-defined threshold from the agent properties.
AspDbCriticalUptimePercent	The user-defined threshold from the agent properties.

Field	Description
AspDbFatalUptimePercent	The user-defined threshold from the agent properties.
AspDbSeverity	
AspDbWarningUptimePercent	The user-defined threshold from the agent properties.
BlankColumn	An internal Foglight column.
CmUpSamples	The number of 5 minutes samples that the concurrent managers were available.
CmUpTimePercent	The percentage of time that the concurrent managers have been available since starting monitoring for the day.
DatabaseUpSamples	The number of 5 minutes samples that the database was available.
DatabaseUpTimePercent	The percentage of time that the database has been available since starting monitoring for the day.
EstCmDownMinutes	An estimate on the number of minutes the concurrent managers have been unavailable for the day.
EstDbDownMinutes	An estimate on the number of minutes the database has been unavailable for the day.
Time	The Foglight server time that this row was collected.
TimeStamp	The date/time of this record, as it relates to the application.
TotalSamples	The total number of five minute samples for the day.

## UptimeMonthly

A summarization of the uptime of the application, on a per month basis.

Field	Description
ActivityMonth	The amount of activity for the month.
AspCmCriticalUptimePercent	The user-defined threshold from the agent properties.
AspCmFatalUptimePercent	The user-defined threshold from the agent properties.
AspCmSeverity	Informational, Warning, Critical or Fatal.
AspCmWarningUptimePercent	The user-defined threshold from the agent properties.
AspDbCriticalUptimePercent	The user-defined threshold from the agent properties.
AspDbFatalUptimePercent	The user-defined threshold from the agent properties.
AspDbSeverity	Informational, Warning, Critical or Fatal.
AspDbWarningUptimePercent	The user-defined threshold from the agent properties.
BlankColumn	An internal Foglight column.
CmUpSamples	The number of five minute samples the concurrent manager has been available.
CmUpTimePercent	The percentage of time that the concurrent managers have been available since starting monitoring for the month.

Field	Description
DatabaseUpSamples	The number of five minute samples that the database has been available.
DatabaseUpTimePercent	The percentage of time that the database has been available since starting monitoring for the month.
EstCmDownMinutes	An estimate on the number of minutes the concurrent managers have been unavailable for the month
EstDbDownMinutes	An estimate on the number of minutes the database has been unavailable for the month.
Time	The Foglight server time that this row was collected.
TimeStamp	The date/time of this record, as it relates to the application.
TotalSamples	The total number of five minute samples for the month.

## WorkflowItemActivity

This data table reports on the activity of workflow items.

Field	Description
AspDeferredCriticalThreshold	The user-defined threshold from the agent properties.
AspDeferredFatalThreshold	The user-defined threshold from the agent properties.
AspDeferredWarningThreshold	The user-defined threshold from the agent properties.
AspErrorCriticalThreshold	The user-defined threshold from the agent properties.
AspErrorFatalThreshold	The user-defined threshold from the agent properties.
AspErrorWarningThreshold	The user-defined threshold from the agent properties.
AspMailItemsCriticalThreshold	The user-defined threshold from the agent properties.
AspMailItemsFatalThreshold	The user-defined threshold from the agent properties.
AspMailItemsWarningThreshold	The user-defined threshold from the agent properties.
AspNotifiedCriticalThreshold	The user-defined threshold from the agent properties.
AspNotifiedFatalThreshold	The user-defined threshold from the agent properties.
AspNotifiedWarningThreshold	The user-defined threshold from the agent properties.
AspSeverityDeferred	Informational, Warning, Critical or Fatal.
AspSeverityError	Informational, Warning, Critical or Fatal.
AspSeverityMailItems	Informational, Warning, Critical or Fatal.
AspSeverityNotified	Informational, Warning, Critical or Fatal.
AspSeverityStuck	Informational, Warning, Critical or Fatal.
AspSeverityTimeout	Informational, Warning, Critical or Fatal.
AspSeverityWorkflows	Informational, Warning, Critical or Fatal.
AspStuckCriticalThreshold	The user-defined threshold from the agent properties.

Field	Description
AspStuckFatalThreshold	The user-defined threshold from the agent properties.
AspStuckWarningThreshold	The user-defined threshold from the agent properties.
AspTimeoutCriticalThreshold	The user-defined threshold from the agent properties.
AspTimeoutFatalThreshold	The user-defined threshold from the agent properties.
AspTimeoutWarningThreshold	The user-defined threshold from the agent properties.
AspWorkflowCriticalThreshold	The user-defined threshold from the agent properties.
AspWorkflowFatalThreshold	The user-defined threshold from the agent properties.
AspWorkflowWarningThreshold	The user-defined threshold from the agent properties.
BlankColumn	An internal Foglight column.
DeferredCount	The number deferred.
ErrorCount	The number in error.
MailWaitingCount	The number waiting on a mail action.
NotifiedCount	The number notified.
StuckCount	The number stuck.
Time	The Foglight server time that this row was collected.
TimeStamp	The date/time of this record, as it relates to the application.
TimeoutCount	The number timed out.
WorkflowCount	The total number of workflows.

## WorkflowPurgeEstimates

This data table reports on the purge estimates of workflows.

Field	Description
BlankColumn	An internal Foglight column.
PersistenceType	What is the persistence type of this workflow?
PurgeableEstimate	What is the estimate for purging?
PurgeablePercent	What percentage is purgeable?
Time	The Foglight server time that this row was collected.
TimeStamp	The date/time of this record, as it relates to the application.
WfDisplayName	The display name of the workflow.
WfName	The name of the workflow.
WorkflowCount	The number of occurrences of this workflow.



## WorkflowRuntimeHistory

This data table provides an historical summarization of workflow runtimes, on a per day basis.

Field	Description
AverageDays	The average number of days.
BlankColumn	An internal Foglight column.
MaximumDays	The maximum number of days.
MinimumDays	The minimum number of days.
SampleSize	The number of records the calculations are based on.
StddevDays	A baseline calculation.
Time	The Foglight server time that this row was collected.
TimeStamp	The date/time of this record, as it relates to the application.
TotalDays	The total number of days.
WfDisplayName	The workflow display name.
WfName	The workflow name.

## Toad Reports

The chapter describes the Foglight OEBS V5 reports included with the OEB Agent, and how to import them into Toad.

The reports are grouped into the following sections:

- [Foglight OEBS V5](#)
- [Foglight OEBS V5 Agent Properties](#)
- [Foglight OEBS V5 Agent Property Lists](#)
- [Quest Foglight OEBS V5 Agent Support](#)

## Importing Reports into Toad

*To import reports into Toad:*

- 1 Save the TRD (Toad Report Definition) files to your local PC.
- 2 Open Toad Report Manager (**Database > Report > Report Manager**).
- 3 Select the import reports Open text icon.
- 4 Import one or all reports in the saved folder from step one.

## Foglight OEBS V5

The following reports are included with the OEB Agent:

- [Accounts - Accounts Active](#)
- [Accounts - Accounts That Will End Date](#)

- [Accounts - Aged Accounts](#)
- [Accounts - New Accounts \(Months\)](#)
- [CP - Concurrent Program IDs \(Step 1\)](#)
- [CP - Concurrent Program IDs \(Step 2\)](#)
- [CR - Completed - Error Warning \(Day\)](#)
- [CR - Completed - Error Warning \(Today\)](#)
- [CR - Completed - FSG \(Day\)](#)
- [CR - Completed - FSG \(Today\)](#)
- [CR - Completed - Log and Out](#)
- [CR - Pending - Error](#)
- [CR - Pending - Normal](#)
- [CR - Pending - On Hold](#)
- [CR - Pending - On Hold \(Aged\)](#)
- [CR - Pending - Scheduled](#)
- [CR - Running](#)
- [GL - GL unposted Batches](#)
- [Point in Time - Activity Summary](#)
- 

## Accounts - Accounts Active

This report lists all the application active accounts.

An active account is defined as an account where the account start date has passed and the account does not have an end date, or where the account has an end date and that date has not passed.

### Example Report

OEBS FOG V5.0 FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0) ACTIVE ACCOUNTS For OEBS 12i Demo Application (Gary Piper) As at 21-Jan-08 (Mon) 07:48					
User Name	Description	E-Mail Address	End Date	Last Connect	Age (Days)
111	Electronic renewals User			Never Accessed	
222	Wireless User			Never Accessed	
AALLEN	Wireless User			23-Feb-01 00:00	2,523
AALLEN	Arlene Allen	aallen@progress.gov		07-Jun-05 00:00	958
AAMBROS	Mr. Anthony Ambrose, Finance Director			23-Jul-01 00:00	2,373
AANDRADE	Alejandro Andrade			08-Jul-05 00:00	927
AAPEX		albert_apex@apexsystems.com		08-Aug-03 00:00	1,627
AAAPPLE	Anton Apple			09-Feb-06 00:00	711

### Dashboard Link

None.

### Usage

Informational.

This report may be used to view consistency within account names, descriptions and email addresses.

## Accounts - Accounts That Will End Date

The Accounts - Accounts That Will End Date report lists those application accounts with an end date within the next X months.

The number of months ahead (X) included in this report is set in the Foglight HealthCheck property Account End Date Notification Period (Default 2 Months)

### Example Report

FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0) ACCOUNTS THAT WILL END DATE Within 2 Months For OEBS 12i Demo Application (Gary Piper) As at 21-Jan-08 (Mon) 07:59					
User Name	Description	E-Mail Address	End Date	Last Connect	Age (Days)
45WEBB			16-Feb-08	26-Jul-01 00:00	2,370
Accounts: 1					

### Dashboard Link

HC002: [Time\_stamp] There are N user accounts that will end date within the next X months.

### Usage

Provide the report to Human Resources, or its equivalent, to determine if the account end date should be extended for any of the identified accounts.

## Accounts - Aged Accounts

This reports lists all those application accounts that have either never been accessed or have not been accessed in the past 120 days.

**NOTE:** An unused account is defined as any account created (start\_date), available for use (not end dated), and available for use for greater than 31 days with no activity.

### Example Report

FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0) AGED USER ACCOUNTS For OEBS 12i Demo Application (Gary Piper) As at 21-Jan-08 (Mon) 07:51					
User Name	Description	E-Mail Address	Start Date	Last Connect	Age (Days)
111	Electronic renewals User		23-Jul-03	Never Accessed	
ABRAM72	Wireless User		09-Feb-01	Never Accessed	
AFONG		nabrams@visionu.edu	19-Feb-03	Never Accessed	
AGRAND		afong@afong.com	14-Jan-06	Never Accessed	
AGRANDE	Antoine Grande	agrande@vision.tn.fr	25-Aug-00	Never Accessed	
AGUERIN	Anne Guérin	aguerin@vision.tn.fr	25-Aug-00	Never Accessed	
ALBERT.C.WANG@ORACL	Electronic renewals User	ALBERT.C.WANG@ORACLE.COM	23-Jul-04	Never Accessed	
ALIMA			01-Jan-99	Never Accessed	

### Dashboard Link

HC001: [Time\_stamp] There are AA accounts (BB percent) of the total CC active accounts that have either never been accessed or have not been used in the past 120 days.

### Usage

Provide the report to Human Resources, or its equivalent, to identify those accounts that can be end dated.

At many sites, there are number of accounts that may never be used and there are accounts that exist but have little or no activity. In such cases, it is possible to exclude one or more accounts from both this report and the Foglight alerts by using the HealthCheck property Aged Users Exclusion List.

## Accounts - New Accounts (Months)

This report lists all application accounts created within the past X months.

### Example Report

OEBS.FOG-V5.0      FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0) NEW ACCOUNTS Accounts Created in the Past 1 Month/s For OEBS 12i Demo Application (Gary Piper) As at 21-Jan-08 (Mon) 08:00					
User Name	Description	E-Mail Address	Last Connect	Age (Days)	End Date
PEL4_OEB	testing		10-Jan-08 00:00	11	
PEL5_OEB			15-Jan-08 00:00	6	
Accounts: 2					

### Dashboard Link

AA: The number of Active Application accounts has exceeded the property level of X.

### Usage

When notified that the number of accounts has exceeded your threshold limit, you can use this report to obtain a list of all accounts created in the past X months. This report may also be used to ensure that the user accounts, descriptions and email addresses of newly created accounts conform to your site standards.

## CP - Concurrent Program IDs (Step 1)

The CP - Concurrent Program IDs (Step 1) is step one in a two-step process to find a concurrent program's application ID and concurrent program ID.

A concurrent program's application ID and the concurrent program ID are required in a number of the Foglight property settings.

Step one lists the concurrent program's application IDs for each application that has registered concurrent programs.

### Example Report

OEBS.FOG-V5.0      FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0) Concurrent Programs - Applications For OEBS 12i Demo Application (Gary Piper) As at 21-Jan-08 (Mon) 08:01		
Appn ID	Application Name	Program Count
0	Application Object Library (FND)	175
1	System Administration (SYSADMIN)	5
50	Applications DBA (AD)	21
101	General Ledger (GL)	212
140	Assets (OFA)	255
160	Alert (ALR)	10
168	Application Report Generator (RG)	3

### Dashboard Link

None.

## Usage

Once you have identified the application ID you are interested in, proceed to step two.

## CP - Concurrent Program IDs (Step 2)

The CP - Concurrent Program IDs (step 2) is the second part of a two-step process to find a concurrent program's application ID and concurrent program ID.

A concurrent program's application ID and concurrent program ID are required in a number of the Foglight property settings. Step two lists the concurrent programs IDs for the concurrent program ID found in step one.

### Example Report

OEB5 FOG V5.0				
FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0)				
Concurrent Programs for				
0 - Application Object Library (FND)				
OEB5 12i Demo Application (Gary Piper)				
As at 21-Jan-08 (Mon) 08:01				
Appn ID	Program ID	Program Name	Program Short Name	Program Status
0	4	Abort	ABORT	Enabled
0	0	Activate	ACTIVATE	Enabled
0	20650	Active Responsibilities and Users	FNDSCARU	Enabled
0	20641	Active Users	FNDSCURS	Enabled
0	89527	Aggregate Impact Analysis	AGGREGATEIMPACT	Enabled
0	39517	Analyze All Index Column Statistics	FNDGAICST	Enabled
0	45670	Analyze Impact Data	ANALYZEIMPACT	Enabled
0	47311	Analyze Impact Data 2	ANALYZEIMPACT2	Enabled
0	47310	Analyze Menu Tree Affected	MENUTREEANALYSIS	Enabled
0	45656	Audit Trail Report	FNDATREP	Enabled
0	45666	Audit Trail Report for Audit Group Validation	FNDATRPT	Enabled
0	33029	Audit Trail Update Tables	FNDATUPD	Enabled
0	38091	Available Concurrent Programs (JSP Test)	FNDCLUST	Disabled
0	38131	Backup Table Statistics	FNDBKTST	Enabled

### Dashboard Link

None.

## Usage

The application ID and Program ID can be used in a number of the properties for the Foglight Cartridge for OEB.

## CR - Completed - Error Warning (Day)

This report lists all requests that completed with a status of either Error or Warning for a selected day.

### Example Report

OEB5 FOG V5.0		
FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0)		
Completed Error / Warning		
OEB5 12i Demo Application (Gary Piper)		
For 21-Jan-08		
Request ID	User Name	Program Name
Completed Error		
4394803	SYSADMIN	Delete data from temporary table
Argument Text : (None)		
Completion Text : Concurrent Manager encountered an error while running SQL*PI		
Priority : 60 Printer : nprint (0)		
Requested Start : 21-Jan-08 01:14:51 Actual Start : 21-Jan-08 01:14:58 Actual Completion : 21-Jan-08 01:14:58		
Pending Time (Min) : 0.1 Running Time (Min) : 0		
Requests: 1		

### Dashboard Link

CR:CE:Property: [TimeStamp] The number of requests that have completed with a status of ERROR has exceeded the Property [Alert Level] threshold of [Property Value].

Or

CR:CW:Property: [TimeStamp] The number of requests that have completed with a status of WARNING has exceeded the Property [Alert Level] threshold of [Property Value].

## Usage

Use this report to assess if there are any patterns to the warning (usually printer failure) or error requests.

## CR - Completed - Error Warning (Today)

This report lists all requests that completed with a status of either Error or Warning for the current day.

### Example Report

OEBS FOG-V5.0		FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0)	
		Completed Error / Warning	
		OEBS 12i Demo Application (Gary Piper)	
		For 21-Jan-08	
Request ID	User Name	Program Name	
Completed Error			
4394803	SYSADMIN	Delete data from temporary table	
Argument Text : (None)			
Completion Text : Concurrent Manager encountered an error while running SQL*PI			
Priority : 50		Printer : noprint (0)	
Requested Start : 21-Jan-08 01:14:51		Actual Start : 21-Jan-08 01:14:58	
		Actual Completion : 21-Jan-08 01:14:58	
Pending Time (Min) : 0.1		Running Time (Min) : 0	
Requests: 1			

### Dashboard Link

CR:CE:Property: [TimeStamp] The number of requests that have completed with a status of ERROR has exceeded the Property [Alert Level] threshold of [Property Value].

OR

CR:CW:Property: [TimeStamp] The number of requests that have completed with a status of WARNING has exceeded the Property [Alert Level] threshold of [Property Value].

## Usage

Use this report to assess if there are any patterns to the warning (usually printer failure) or error requests.

## CR - Completed - FSG (Day)

An FSG (Financial Statement Generator) report is a special type of financial report available through the General Ledger module only.

The Completed - FSG (Day) report lists all the completed FSs for the selected day.

## Example Report

OEBS_FOG-V5.0		FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0)	
		Completed FSG's	
		OEBS 12i Demo Application (Gary Piper)	
		For 21-Jan-08	
Request ID	User Name	Argument Text	
Completed Normal			
4395104	GPIPER	1061, 101, FSG-ADHOC-, C, GLLE	
Completion Text : Normal completion			
Priority :	50	Printer :	noprint (0)
Requested Start :	21-Jan-08 12:18:01	Actual Start :	21-Jan-08 12:18:11
Pending Time (Min) :	0.2	Running Time (Min) :	0.3
		Actual Completion : 21-Jan-08 12:18:29	
4395103	GPIPER	1061, 101, FSG-ADHOC-, C, GLLE	
Completion Text : Normal completion			
Priority :	50	Printer :	noprint (0)
Requested Start :	21-Jan-08 12:18:01	Actual Start :	21-Jan-08 12:18:08
Pending Time (Min) :	0.1	Running Time (Min) :	0.2
		Actual Completion : 21-Jan-08 12:18:17	
Requests: 2			

## Dashboard Link

None.

## Usage

Informational.

## CR - Completed - FSG (Today)

An FSG (Financial Statement Generator) report is a special type of financial report available through the General Ledger module only.

The Completed - FSG (Today) report lists all the completed FSGs for the present day.

## Example Report

OEBS FOG-V5.0		FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0)			
		Completed FSG's			
		OEBS 12i Demo Application (Gary Piper)			
		For 21-Jan-08 (Mon) 12:19			
Request ID	User Name	Argument Text			
Completed Normal					
4395104	GPIPER	1061, 101, FSG-ADHOC-, C, GLLE			
Completion Text : Normal completion					
Priority : 50		Printer : noprint (0)			
Requested Start : 21-Jan-08 12:18:01		Actual Start : 21-Jan-08 12:18:11		Actual Completion : 21-Jan-08 12:18:29	
Pending Time (Min) : 0.2		Running Time (Min) : 0.3			
4395103	GPIPER	1061, 101, FSG-ADHOC-, C, GLLE			
Completion Text : Normal completion					
Priority : 50		Printer : noprint (0)			
Requested Start : 21-Jan-08 12:18:01		Actual Start : 21-Jan-08 12:18:08		Actual Completion : 21-Jan-08 12:18:17	
Pending Time (Min) : 0.1		Running Time (Min) : 0.2			
Requests: 2					

## Dashboard Link

None.

## Usage

Informational.

## CR - Completed - Log and Out

This report lists all concurrent requests that generated more than X MB of Log and Out files for all requests in the available online history.

## Example Report

OEB5 FOG V5.0						
FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0)						
LARGE LOG AND OUT FILES > 3 Mb						
For OEB5 12i Demo Application (Gary Piper)						
As at 21-Jan-08 (Mon) 08:15						
Request ID	Completion Date	User	Program	Printer (copies)	OF FILE (Mb)	LF FILE (Mb)
4394553	18-Jan-08 (Fri) 07:38	PELA_OEB	Active Users	adsprinter(1)	3.1	0.0
4394577	18-Jan-08 (Fri) 10:44	PEL5_OEB	Active Users	adsprinter(1)	3.1	0.0
4394551	18-Jan-08 (Fri) 07:35	PELA_OEB	Active Users	adsprinter(1)	3.1	0.0
4394549	18-Jan-08 (Fri) 07:33	PELA_OEB	Active Users	adsprinter(1)	3.1	0.0
4394548	18-Jan-08 (Fri) 07:33	PELA_OEB	Active Users	adsprinter(1)	3.1	0.0
4394550	18-Jan-08 (Fri) 07:35	PELA_OEB	Active Users	adsprinter(0)	3.1	0.0
4394547	18-Jan-08 (Fri) 07:33	PELA_OEB	Active Users	adsprinter(1)	3.1	0.0
4391738	16-Jan-08 (Wed) 17:01	PELA_OEB	Active Users	adsprinter(0)	3.1	0.0

## Dashboard Link

[Date] The total size of requests' log and out space has exceeded the critical threshold of [Property Value] megabytes.

## Usage

When a larger than normal amount of concurrent request Log and Out file MB is generated, use this report to identify the user and report responsible.

## CR - Pending - Error

This report lists all concurrent requests with a status of Pending Error.

**NOTE:** A status of Pending Error indicates there are no managers to run the concurrent program. This may occur when the managers are shutdown or a program is assigned to a manager that is not yet started, for example, the overnight manager.

## Example Report

OEB5 FOG V5.0		
FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0)		
Pending Error Requests		
As at		
Request ID	User Name	Program Name
Requests: 0		

## Dashboard Link

CR:PE:Property : The total number of pending error requests has exceeded the Property [Alert Level] level of [Alert Value].

## Usage

Informational.

## CR - Pending - Normal

This report lists all concurrent requests with a status of Pending Normal. This does not include scheduled or on hold requests.



## Example Report

OEBS FOG V5.0		FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0)		
		Pending Requests		
		OEBS 12i Demo Application (Gary Piper)		
		As at 21-Jan-08 (Mon) 08:19		
Request ID	User Name	Program Name		
4382767	GPIPER	Active Users		
Queue Name :		STANDARD		
Argument Text :		(None)		
Requested Start :		28-Nov-07 10:47:44	Pending Time (Min) : 77,612.1	Priority : 49
				Printer : adsprinter (0)
Requests: 1				

## Dashboard Link

CR:PN:Property : The total number of pending requests has exceeded the Property [Alert Level] level of [Alert Value].

## Usage

Informational.

## CR - Pending - On Hold

This report lists all requests that are currently on hold.

## Example Report

OEBS FOG V5.0		FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0)		
		On-Hold Requests		
		OEBS 12i Demo Application (Gary Piper)		
		As at 21-Jan-08 (Mon) 08:16		
Request ID	User Name	Program Name		
4392572	PEL5_OEB	Analyze Impact Data		
Queue Name :		STANDARD		
Argument Text :				
Requested Start :		17-Jan-08 13:50:00	Time On Hold (Days) 3.8	Priority : 50
Resubmit Interval:		None		
4392569	PEL5_OEB	Compensation Workbench Model Upgrade Process		
Queue Name :		STANDARD		
Argument Text :				
Requested Start :		17-Jan-08 13:45:00	Time On Hold (Days) 3.8	Priority : 50
Resubmit Interval:		None		
4392567	PEL5_OEB	Analyze Impact Data		
Queue Name :		STANDARD		
Argument Text :				
Requested Start :		17-Jan-08 13:37:34	Time On Hold (Days) 3.8	Priority : 50
Resubmit Interval:		None		
				Printer : noprint (0)

## Dashboard Link

None.

## Usage

Informational.

## CR - Pending - On Hold (Aged)

This report lists all requests on hold for longer than six months.

## Example Report

OEBS.FOG.V5.0				
FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0.0)				
Aged On-Hold Requests Older Than 2 Months				
OEBS 12i Demo Application (Gary Piper)				
As at 21-Jan-08 (Mon) 08:17				
Request ID	Requested By	Program Name	Arguments	
4360520	SYSADMIN	Workflow Work Items Statistics Concurrent Program		
	Requested Start : 03-Oct-07 10:33	Age (Months) : 3.6	Resubmit : 24 Hours(End)	
4360519	SYSADMIN	Workflow Agent Activity Statistics Concurrent Program		
	Requested Start : 03-Oct-07 10:28	Age (Months) : 3.6	Resubmit : 24 Hours(End)	
4360518	SYSADMIN	Workflow Mailer Statistics Concurrent Program		
	Requested Start : 03-Oct-07 10:28	Age (Months) : 3.6	Resubmit : 24 Hours(End)	
Requests: 3				

## Dashboard Link

HC020:V [Time\_stamp] There are NN on hold requests that are older than six months.

## Usage

Any request on hold for longer than six months should be investigated or cancelled.

## CR - Pending - Scheduled

This report lists all scheduled requests, that is, any request set to run in the future.

## Example Report

OEBS FOG-V5.0		FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0)			
		Scheduled Requests			
		OEBS 12i Demo Application (Gary Piper)			
		As at 21-Jan-08 (Mon) 08:21			
Request ID	User Name	Program Name			
4394986	SYSADMIN	OAM Applications Dashboard Collection			
	Queue Name :	STANDARD			
	Argument Text :	(None)			
	Requested Start :	21-Jan-08 08:27:04	Time to Start (Min) :	5.5	Priority : 50
	Resubmit Interval :	10 Minutes From End	Printer :	noprint (I)	
	Resubmit Time :	None	Resubmit End Date :	None	
4394986	SYSADMIN	OAM Applications Dashboard Collection			
	Queue Name :	OAMCOLMGR			
	Argument Text :	(None)			
	Requested Start :	21-Jan-08 08:27:04	Time to Start (Min) :	5.5	Priority : 50
	Resubmit Interval :	10 Minutes From End	Printer :	noprint (I)	
	Resubmit Time :	None	Resubmit End Date :	None	
4394968	SYSADMIN	Purge Concurrent Request and/or Manager Data			
	Queue Name :	STANDARD			
	Argument Text :	ALL,Age,15,.....Y,Y			
	Requested Start :	22-Jan-08 05:10:00	Time to Start (Min) :	1,248.5	Priority : 50
	Resubmit Interval :	1 Days From Start	Printer :	noprint (I)	
	Resubmit Time :	None	Resubmit End Date :	None	

## Dashboard Link

None.

## Usage

Informational.

## CR - Running

This report lists all requests running at the time of the report.

## Example Report

OEBS.FOG-V5.0		FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0.0)		
		Running Requests		
		OEBS 12i Demo Application (Gary Piper)		
		As at 21-Jan-08 (Mon) 08:25		
Request ID	User Name	Program Name		
4394988	GPIPER	Active Users		
Queue Name :		STANDARD		
Argument Text :				
Actual Start :		21-Jan-08 08:25:55	Running Time (Min) : 0.0	Priority : 50
				Printer : adsprinter (0)
Requests: 1				

## Dashboard Link

None.

## Usage

Informational.

## GL - GL unposted Batches

This report lists all unposted General Ledger batches that have a creation date that is over one calendar month old.

## Example Report

FOG.OEBS.V5.000		FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0)		
		GL - Un-posted Batches		
Creation Date	Period	Created By	Batch ID	Batch Name
Batch Status		Batch		
27-Jul-06 02:11	JUL-07	JPALMER	1375012	70137 Payables 4284132: A 165971
Unposted		Journal Import Payables 4284132:		
26-Jul-06 02:14	JUL-07	JPALMER	1373991	70097 Payables 4283951: A 165888
Unposted		Journal Import Payables 4283951:		
24-Jul-06 04:13	JUL-07	JPALMER	1367956	69955 Payables 4274507: A 165647
Unposted		Journal Import Payables 4274507:		
21-Jul-06 02:15	JUL-07	JPALMER	1365961	69893 Payables 4273204: A 165393
Unposted		Journal Import Payables 4273204:		

## Dashboard Link

HC015: [Time\_stamp] NN unposted GL batches were found with the oldest entry at XX months.

## Usage

Send this report to the accounts department. Any unposted batch older than one accounting month should be investigated.

## Point in Time - Activity Summary

While not directly associated with any Foglight alert, the Point in Time set of reports provides a list of those users connected to the application and any concurrent request activity occurring at a point in time. This report can be used to highlight the business impact of a performance issue or outage. For example, if there was an outage at 10:00 am, set the Point in Time value to 9:59 am. You are now able to assess the overall application activity at that time of the outage.

This report provides a summary of activity at the selected Point in Time.

## Example Report

OEBS-FOG-V5.0	
FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0) Point In Time Activity For OEBS 12i Demo Application (Gary Piper) As at ( 21-Jan-08 11:38:10 )	
Activity	Activity Count
CR - Running Requests	4
CR - Pending Requests	5
Self Service Connections	1

**NOTE:** The amount of historical information available is dependant on the site's Normal maintenance purging program.

## Dashboard Link

None.

## Usage

Informational.

## Point in Time - Concurrent Requests

While not directly associated with any Foglight alert, the Point in Time set of reports provides a list of those users connected to the application and any concurrent request activity occurring at a point in time. This report can be used to highlight the business impact of a performance issue or outage. For example, if there was an outage at 10:00 am, set the Point in Time value to 9:59 am. You are now able to assess the overall application activity at that time of the outage.

This report lists the concurrent requests pending and/or running at the selected Point in Time.

## Example Report

OEBS-FOG-V5.0		FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0.0) Point in Time - Concurrent Processing OEBS 12i Demo Application (Gar As at ( 21-Jan-08 11:38:10 )			
Request	Manager Name	Requested By	Program Name		
Running Requests					
4395090	STANDARD	PELL_OEB	Work Shift by Manager Report		
Argument Text : Priority : 50 Requested Start : 21-Jan-08 11:35:00 Printer : nprint (0) Actual Start : 21-Jan-08 11:38:10 Actual Complete: 21-Jan-08 11:38:25 Pending (Min) : 3 RunTime (Min) : 0					
4395089	STANDARD	PELL_OEB	Work Shift by Manager Report		
Argument Text : Priority : 50 Requested Start : 21-Jan-08 11:35:00 Printer : nprint (0) Actual Start : 21-Jan-08 11:38:05 Actual Complete: 21-Jan-08 11:38:22 Pending (Min) : 3 RunTime (Min) : 0					
4395085	STANDARD	PELL_OEB	Work Shift by Manager Report		
Argument Text : Priority : 50 Requested Start : 21-Jan-08 11:35:00 Printer : nprint (0) Actual Start : 21-Jan-08 11:38:02 Actual Complete: 21-Jan-08 11:38:10 Pending (Min) : 3 RunTime (Min) : 0					
4395084	STANDARD	PELL_OEB	Work Shift by Manager Report		
Argument Text : Priority : 50 Requested Start : 21-Jan-08 11:35:00 Printer : nprint (0) Actual Start : 21-Jan-08 11:37:54 Actual Complete: 21-Jan-08 11:38:12 Pending (Min) : 3 RunTime (Min) : 0					
Pending Requests					

## Dashboard Link

None.

## Usage

Informational.


## Point in Time - Full Service Connections

While not directly associated with any Foglight alert, the Point in Time set of reports provides a list of those users connected to the application and any concurrent request activity occurring at a point in time. This report can be used to highlight the business impact of a performance issue or outage. For example, if there was an outage at 10:00 am, set the Point in Time value to 9:59 am. You are now able to assess the overall application activity at that time of the outage.

This report lists the full service connections at the selected Point in Time.

### Example Report

OEBS FOG.V5.0		FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0.0)	
		Point In Time - Full Service Connections	
		OEBS 12i Demo Application (Gary Piper)	
		As at ( 21-Jan-08 12:18:00 )	
User Name		Description	
GPIPER		Quest Designer	
Responsibility :		General Ledger Super User	
Form Name :		Request Report Set	
Session Start :		21-Jan-08 12:16:10	Session Time (Min) : 2
Full Service Sessions: 1		Note: Run Time (Min) is the time from the sessionstart time to the point in time time	

 **NOTE:** A sign-on audit level of responsibility is required.

### Dashboard Link

None.

## Usage

Informational.

## Point in Time - Self Service Connections

While not directly associated with any Foglight alert, the Point in Time set of reports provides a list of those users connected to the application and any concurrent request activity occurring at a point in time. This report can be used to highlight the business impact of a performance issue or outage. For example, if there was an outage at 10:00 am, set the Point in Time value to 9:59 am. You are now able to assess the overall application activity at that time of the outage.

This report lists the self service connections at the selected Point in Time.

### Example Report

OEBS_FOG-V5.0		FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0.0)	
		Point in Time - Self Service Connections	
		OEBS 12i Demo Application (Gary Piper)	
		As at ( 21-Jan-08 11:38:10 )	
User Name		Description	
PEL4_OEB		testing	
Organisation :		Vision Operations	
Responsibility :		System Administrator	
Function Name :		Requests: Submit	
Session Start :		21-Jan-08 10:46:06	Session End : 21-Jan-08 11:39:34
Self Service Sessions: 1			

## Dashboard Link

None.

## Usage

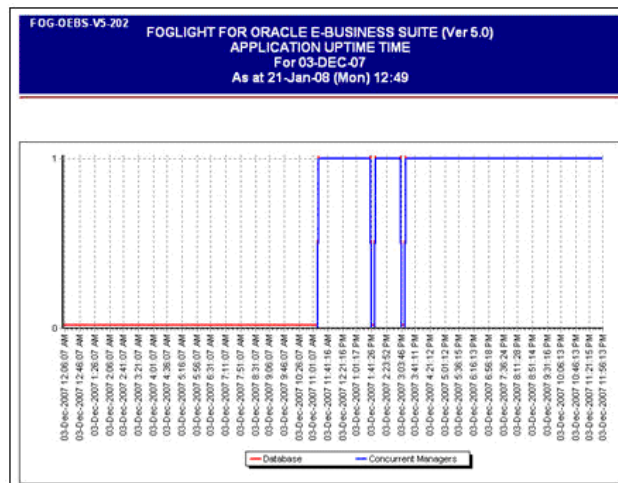
Informational.

## Uptime - Day

The Foglight Cartridge for OEB collects uptime status information in five minute intervals for both the database and concurrent managers, and, once per day, consolidates the prior day's activity and reports on the total uptime for the prior day. In addition, the Foglight Cartridge for OEB reports once per calendar month and consolidates the prior months' activity and reports on the total uptime for that prior month. A series of uptime reports are provided to view the detailed uptime information.

The Uptime - Day report shows the uptime information for a selected day.

## Example Report



The second and subsequent pages of this report provide the detailed data for the chart.

FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0.0) APPLICATION UPTIME TIME For 03-DEC-07 As at 21-Jan-08 (Mon) 12:54			
Time Stamp	Sample Type	Database	Managers
03-Dec-07 12:01:07 AM	Estimate	Down	Down
03-Dec-07 12:06:07 AM	Estimate	Down	Down
03-Dec-07 12:11:07 AM	Estimate	Down	Down
03-Dec-07 12:16:07 AM	Estimate	Down	Down
03-Dec-07 12:21:07 AM	Estimate	Down	Down
03-Dec-07 12:26:07 AM	Estimate	Down	Down
03-Dec-07 12:31:07 AM	Estimate	Down	Down
03-Dec-07 12:36:07 AM	Estimate	Down	Down
03-Dec-07 12:41:07 AM	Estimate	Down	Down
03-Dec-07 12:46:07 AM	Estimate	Down	Down
03-Dec-07 12:51:07 AM	Estimate	Down	Down
03-Dec-07 12:56:07 AM	Estimate	Down	Down
03-Dec-07 1:01:07 AM	Estimate	Down	Down
03-Dec-07 1:06:07 AM	Estimate	Down	Down
03-Dec-07 1:11:07 AM	Estimate	Down	Down
03-Dec-07 1:16:07 AM	Estimate	Down	Down

**NOTE:** A sample type of "estimate" indicates that Foglight is down and that Foglight filled in the missing information.

## Dashboard Link

UT:CMD : Concurrent Manager Uptime for [Timestamp] was below the [Property Level] threshold of [Downtime percent] percent.

or

UT:DBD : Database Uptime for [Timestamp] was below the [Property Level] threshold of [Downtime percent] percent.

## Usage

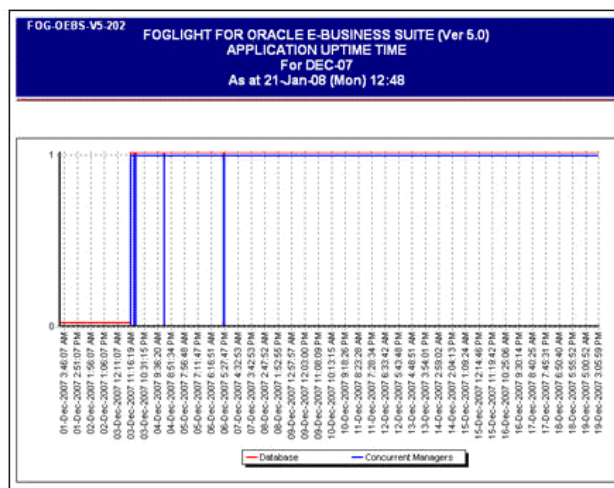
Informational.

## Uptime - Month

The Foglight Cartridge for OEB collects uptime status information in five minute intervals for both the database and concurrent managers, and, once per day, consolidates the prior day's activity and reports on the total uptime for the prior day. In addition, the Foglight Cartridge for OEB reports once per calendar month, consolidates the prior months' activity and reports on the total uptime for that prior month. A series of uptime reports are provided to view the detailed uptime information.

The Uptime - Month report shows the uptime information for a selected month.

## Example Report



The second and subsequent pages of this report provide the detailed data for the chart.

## Dashboard Link

UT:CMM : Concurrent Manager Uptime for [Month] was below the [Property Level] threshold of [Downtime percent] percent.

or

UT:DBM : Database Uptime for [Month] was below the [Property Level] threshold of [Downtime percent] percent.

## Usage

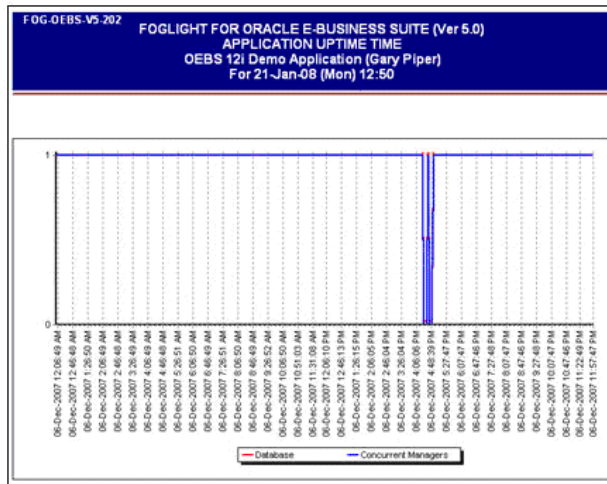
Informational.

## Uptime - Today

The Foglight Cartridge for OEB collects uptime status information in five minute intervals for both the database and concurrent managers, and, once per day, consolidates the prior day's activity and reports on the total uptime for the prior day. In addition, the Foglight Cartridge for OEB reports once per calendar month, consolidates the prior months' activity and reports on the total uptime for that prior month. A series of uptime reports are provided to view the detailed uptime information.

The Uptime - Today report shows the uptime information for the current day.

## Example Report



The second and subsequent pages of this report provide the detailed data for the chart.

FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0.0) APPLICATION UPTIME OEBs 12i Demo Application (Gary Piper) For 21-Jan-08 (Mon) 12:54			
Time Stamp	Sample Type	Database	Managers
06-Dec-07 12:01:48 AM	Actual	Up	Up
06-Dec-07 12:06:49 AM	Actual	Up	Up
06-Dec-07 12:11:49 AM	Actual	Up	Up
06-Dec-07 12:16:50 AM	Actual	Up	Up
06-Dec-07 12:21:50 AM	Actual	Up	Up
06-Dec-07 12:26:50 AM	Actual	Up	Up
06-Dec-07 12:31:50 AM	Actual	Up	Up
06-Dec-07 12:36:51 AM	Actual	Up	Up
06-Dec-07 12:41:49 AM	Actual	Up	Up

## Dashboard Link

UT:CMD : Concurrent Manager Uptime for [Timestamp] was below the [Property Level] threshold of [Downtime percent] percent.

or

UT:DBD : Database Uptime for [Timestamp] was below the [Property Level] threshold of [Downtime percent] percent.

## Usage

Informational.

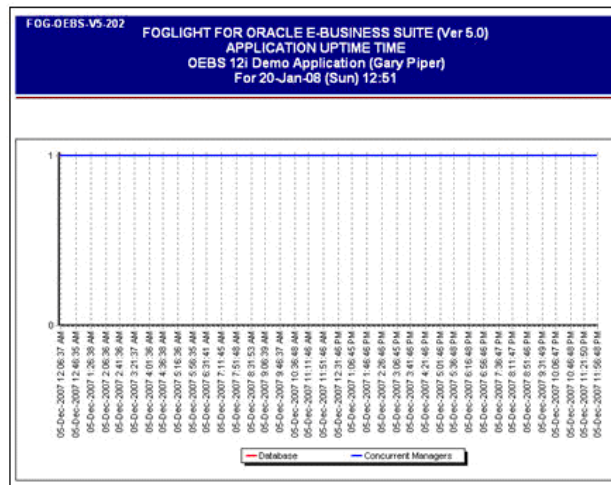


# Uptime - Yesterday

The Foglight Cartridge for OEB collects uptime status information in five minute intervals for both the database and concurrent managers, and, once per day, consolidates the prior day's activity and reports on the total uptime for the prior day. In addition, the Foglight Cartridge for OEB reports once per calendar month, consolidates the prior months' activity and reports on the total uptime for that prior month. A series of uptime reports are provided to view the detailed uptime information.

The Uptime - Yesterday report shows the uptime information for yesterday.

## Example Report



The second and subsequent pages of this report provide the detailed data for the chart.

FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0.0) APPLICATION UPTIME OEB 121 Demo Application (Gary Piper) For 20-Jan-08 (Sun) 12:55			
Time Stamp	Sample Type	Database	Managers
05-Dec-07 12:01:36 AM	Actual	Up	Up
05-Dec-07 12:06:37 AM	Actual	Up	Up
05-Dec-07 12:11:37 AM	Actual	Up	Up
05-Dec-07 12:16:36 AM	Actual	Up	Up
05-Dec-07 12:21:37 AM	Actual	Up	Up
05-Dec-07 12:26:37 AM	Actual	Up	Up
05-Dec-07 12:31:37 AM	Actual	Up	Up
05-Dec-07 12:36:37 AM	Actual	Up	Up
05-Dec-07 12:41:35 AM	Actual	Up	Up
05-Dec-07 12:46:35 AM	Actual	Up	Up
05-Dec-07 12:51:35 AM	Actual	Up	Up
05-Dec-07 12:56:36 AM	Actual	Up	Up
05-Dec-07 1:01:36 AM	Actual	Up	Up

## Dashboard Link

UT:CMD : Concurrent Manager Uptime for [Timestamp] was below the [Property Level] threshold of [Downtime percent] percent.

or

UT:DBD : Database Uptime for [Timestamp] was below the [Property Level] threshold of [Downtime percent] percent.

## Usage

Informational.

## Users - Connections - Full Service

This report lists current full service connections.

### Example Report

OEBS_FOG-V5.0		FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0)	
		Full Service Connections	
		OEBS 12i Demo Application (Gary Piper)	
		As at ( 21-Jan-08 (Mon) 13:26 )	
User Name		Description	
PEL4_OEB		testing	
Responsibility :		System Administrator	
Form Name :		Run Reports	
Session Start :		21-Jan-08 10:46	
Session PID:		32	
Session SPID:		1234	
		Terminal ID:	
Full Service Sessions: 1			

### Dashboard Link

FSS:Property : The number of Full Service Sessions has exceeded the Property [Alert Level] threshold of [Alert Value].

### Usage

Informational.

## Users - Connections - Full Service Dead Sessions

A dead session is where a user session disconnects abnormally and the session is not end dated. When this occurs, the session is never purged by the OEBS application and remains within the application until manually cleaned up.

This report lists the dead sessions.

### Example Report

OEBS_FOG_V5.0		FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0.0)		
		Full Service Dead Sessions		
		OEBS 12i Demo Application (Gary Piper)		
		As at ( 21-Jan-08 (Mon) 13:45 )		
Login ID	User Name	Description	Session Date	Age (Days)
4123297	PEL5_OEB		17-Jan-08 15:56	4
4123296	PEL5_OEB		17-Jan-08 15:56	4
4123295	PEL4_OEB	testing	17-Jan-08 15:56	4
4123279	PEL5_OEB		17-Jan-08 15:22	4
4123278	GUEST	Guest	17-Jan-08 15:21	4
4123276	PEL4_OEB	testing	17-Jan-08 15:21	4
4123275	GUEST	Guest	17-Jan-08 15:20	4
4123274	GUEST	Guest	17-Jan-08 15:20	4
4122377	PEL5_OEB		17-Jan-08 13:32	4
4122374	GUEST	Guest	17-Jan-08 13:18	4
4122368	PEL5_OEB		17-Jan-08 10:51	4
4122367	PEL5_OEB		17-Jan-08 10:50	4
4122365	PEL4_OEB	testing	17-Jan-08 10:43	4
4122327	GUEST	Guest	17-Jan-08 09:51	4
4122318	GUEST	Guest	17-Jan-08 08:28	4
4122316	GUEST	Guest	17-Jan-08 08:28	4
4122313	GUEST	Guest	17-Jan-08 08:24	4

## Users - Connections - Self Service

This report lists all current self service connections.

## Example Report

DEBS.FOG.V5.0		FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0)	
		Self Service Connections Vision Demo Application As at 22-Jan-08 (Tue) 06:46	
User Name	Description		
GPIPER	Gary Piper Quest		
Responsibility :	System Administrator		
Organisation :	Vision Operations		
Function Name :			
Session Start :	22-Jan-08 6:43:49 AM	Last Activity :	22-Jan-08 6:46:03 AM
Session Time (Min):	0	Session Time Limit (Min):	59,940
Page Requests :	5	Page Limit :	9,000
Self Service Sessions: 1			

**NOTE:** The amount of available history for this report is dependant on the site's normal maintenance purging program.

## Dashboard Link

SSS:Property : The number of Self Service Sessions has exceeded the Property [Alert Level] threshold of [Alert Value].

## Usage

Informational.

## Users - Unsuccessful Full Service Logins (All)

This report lists all unsuccessful full service login attempts.

## Example Report

DEBS.FOG.V5.0		FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0) UNSUCCESSFUL FS LOGIN ATTEMPTS (All) For Vision Demo Application As at 22-Jan-08 (Tue) 06:49	
User Name	Description	Attempt Time	
04-Jan-08 (Fri)			
TEST		04-Jan-08 (Fri) 09:59	
03-Jan-08 (Thu)			
TEST		03-Jan-08 (Thu) 14:55	
TEST		03-Jan-08 (Thu) 14:54	
21-Dec-07 (Fri)			
ORA_BC		21-Dec-07 (Fri) 12:51	
19-Dec-07 (Wed)			
ANONYMOUS	Anonymous user name for non-logged *aiap	19-Dec-07 (Wed) 09:36	
20-Nov-07 (Tue)			
GPIPER	Gary Piper Quest	20-Nov-07 (Tue) 09:34	
GPIPER	Gary Piper Quest	20-Nov-07 (Tue) 09:34	
GPIPER	Gary Piper Quest	20-Nov-07 (Tue) 09:34	
GPIPER	Gary Piper Quest	20-Nov-07 (Tue) 09:30	
GPIPER	Gary Piper Quest	20-Nov-07 (Tue) 09:30	
GPIPER	Gary Piper Quest	20-Nov-07 (Tue) 09:29	
GPIPER	Gary Piper Quest	20-Nov-07 (Tue) 09:29	
GPIPER	Gary Piper Quest	20-Nov-07 (Tue) 09:29	
GPIPER	Gary Piper Quest	20-Nov-07 (Tue) 09:29	
GPIPER	Gary Piper Quest	20-Nov-07 (Tue) 09:29	
19-Nov-07 (Mon)			

**NOTE:** The amount of available history for this report is dependant on the sites normal maintenance purging program.

## Dashboard Link

HC004:DDD [Time\_stamp] There has been NN unsuccessful full service login attempt/s on the account ACCOUNT NAME (DESCRIPTION) since the last check [Last\_check\_date].

## Usage

Informational.

## Users - Unsuccessful Full Service Logins (User)

This report lists all unsuccessful full service login attempts for a selected user account.

### Example Report

OEBS FOG V5.0	
FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0)	
UNSUCCESSFUL FS LOGIN ATTEMPTS	
Account - GPIPER	
For Vision Demo Application	
As at 22-Jan-08 (Tue) 06:50	
Attempt Time	
20-Nov-07 (Tue) 09:34	
20-Nov-07 (Tue) 09:34	
20-Nov-07 (Tue) 09:34	
20-Nov-07 (Tue) 09:30	
20-Nov-07 (Tue) 09:30	
20-Nov-07 (Tue) 09:29	
20-Nov-07 (Tue) 09:29	
20-Nov-07 (Tue) 09:29	
20-Nov-07 (Tue) 09:29	
20-Nov-07 (Tue) 09:29	
Failure Count: 10	

**NOTE:** The amount of available history for this report is dependant on the sites normal maintenance purging program.

### Dashboard Link

HC004:DDD [time\_stamp] There has been NN unsuccessful full service login attempt/s on the account ACCOUNT NAME (DESCRIPTION) since the last check [Last\_check\_date].

## Usage

Informational.

## Users - Unsuccessful Self Service Logins (All)

This report lists all unsuccessful self service login attempts.

### Example Report

OEBS FOG V5.0			
FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0)			
UNSUCCESSFUL SS LOGIN ATTEMPTS (All)			
For Vision Demo Application			
As at 22-Jan-08 (Tue) 06:53			
User Name	Description	Attempt Time	Failure Code
19-Dec-03 (Fri)			
EBUSINESS	Mr. Phillip C. Taylor	19-Dec-03 (Fri) 14:33	ICX_SIGNIN_INVALID
Failure Count: 1			

**NOTE:** The amount of available history for this report is dependant on the sites normal maintenance purging program.

### Dashboard Link

HC008:DDD [Time\_stamp] There has been NN unsuccessful Self Service login attempt/s on the account ACCOUNT NAME (DESCRIPTION) since the last check [Last\_check\_date].

## Usage

Informational.

## Users - Unsuccessful Self Service Logins (User)

This report lists all unsuccessful self service login attempts for a selected user account.

### Example Report

OEBS.FOG.V5.0 FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0) UNSUCCESSFUL SS LOGIN ATTEMPTS Account - EBUSINESS For Vision Demo Application As at 22-Jan-08 (Tue) 06:53	
Attempt Time	Failure Code
19-Dec-03 (Fri)	
19-Dec-03 (Fri) 14:33	ICX_SIGNIN_INVALID
Failure Count: 1	

**NOTE:** The amount of available history for this report is dependant on the sites normal maintenance purging program.

### Dashboard Link

HC008:DDD [Time\_stamp] There has been NN unsuccessful Self Service login attempt/s on the account ACCOUNT NAME (DESCRIPTION) since the last check [Last\_check\_date].

## Usage

Informational.

## Workflow - Deferred Workflows 1

The Workflow - Deferred Workflows 1 report is part one of a two-part report process. This report lists the overall statistics of workflows with deferred items.

### Example Report

OEBS.FOG.V5.0 FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0) WORKFLOW - DEFERRED WORKFLOW COUNTS For Vision Demo Application As at 22-Jan-08 (Tue) 07:00			
Workflow	Display Name	Items	% of Total
OECH	OM Order Header	1,534	97.3
IEXSTRY	IEX: Collection Strategy Work Flow	26	1.6
PACRMUPD	PA: CRM Workaround Workflow	5	0.3
ENGCACT	Change Action	4	0.3
CNCOMPPR	Compensation Plan Processing	2	0.1
UMXNTWF2	UMX Notification Workflow (Account Request)	2	0.1
OEBH	OM Blanket Header	1	0.1
SERVEREQ	Service Request	1	0.1
CSMTYPE3	CSM Type 3	1	0.1

### Dashboard Link

WF:D : The number of DEFERRED workflow items has exceeded the Property [Alert Level] threshold of [Alert Value].

## Usage

Use this report to determine the workflow where more information is required.

## Workflow - Deferred Workflows 2

The Workflow - Deferred Workflows 2 report is part two of a two-part report process. This report lists the all workflows with a status of deferred for a selected workflow such as ENGCACT (Change Action).

### Example Report

OEBS FOG-V5.0		FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0)	
		WORKFLOW DEFERRED ACTIVITIES FOR	
		ENGCACT - Change Action	
		Vision Demo Application	
		As at 22-Jan-08 (Tue) 07:01	
Workflow Key		Activity Name	
65		Select Change Assignee	
	Assigned User : Begin Date : 03-Dec-03 20:05	Age (Days) : 1,511	
65		Initiate Change Lines	
	Assigned User : Begin Date : 03-Dec-03 20:05	Age (Days) : 1,511	
64		Initiate Change Lines	
	Assigned User : Begin Date : 03-Dec-03 20:02	Age (Days) : 1,511	
64		Select Change Assignee	
	Assigned User : Begin Date : 03-Dec-03 20:02	Age (Days) : 1,511	
Item Count: 4			

### Dashboard Link

WF:D : The number of DEFERRED workflow items has exceeded the Property [Alert Level] threshold of [Alert Value].

## Usage

Informational.

## Workflow - Error Workflows 1

The Workflow - Error Workflows 1 report is part one of a two-part report process. This report lists the overall statistics of workflows with errored items.

### Example Report

DEBS FOG V5.0		FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0)		
		WORKFLOW - ERROR WORKFLOW COUNTS		
		For Vision Demo Application		
		As at 22-Jan-08 (Tue) 12:47		
Workflow	Display Name	Items	% of Total	
POSPACK	Web Supplier PO Acknowledgement	98	13.0	
CNCOMP	Compensation Plan Processing	97	12.9	
OEOL	OM Order Line	78	10.3	
IBC_WF	IBC - Content Manager Workflow	69	9.2	
ASXSLASW	Monitoring Engine Workflow	58	7.7	
CS_KB_WF	Knowledge Management Workflow Process	40	5.3	
PSBWS	PSB Worksheet	32	4.2	
IGSPED02	Address Change	28	3.7	
POWFRQAG	PO Requisition Account Generator	24	3.2	
IRC_WF	iRecruitment	20	2.7	

### Dashboard Link

WF:E : The number of ERROR workflow items has exceeded the Property [Alert Level] threshold of [Alert Value].

## Usage

Use this report to determine the workflow for which more information is required.

## Workflow - Error Workflows 2

The Workflow - Error Workflows 2 report is part two of a two-part report process. This report lists all workflows with a status of Error for a selected workflow such as POSPOACK (Web Supplier PO Acknowledgement).

### Example Report

OEBS.FOG-V5.0		FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0)	
		WORKFLOW ERROR ACTIVITIES FOR	
		POSPOACK - Web Supplier PO Acknowledgement	
		Vision Demo Application	
		As at 22-Jan-08 (Tue) 12:48	
Workflow Key		Activity Name	
POS_ACK_10823_0		** NOTE: Inconsistent activity version **	
Assigned User :			
Begin Date :	28-May-03 11:59	Age (Days) :	1,700
Error Message :	3103: Attribute 'SUPPLIER_USER_ID' does not exist for item 'POSPOACK/POS_ACK_10823_0'.		
POS_ACK_10826_0		Inform Supplier of Document Creation.	
Assigned User :			
Begin Date :	28-Mar-03 03:53	Age (Days) :	1,761
Error Message :	3120: Activity 'POSPOACK/316435' has no performer.		
POS_ACK_10826_0		** NOTE: Inconsistent activity version **	
Assigned User :			
Begin Date :	28-Mar-03 00:58	Age (Days) :	1,762
Error Message :	3103: Attribute 'SUPPLIER_USER_ID' does not exist for item 'POSPOACK/POS_ACK_10826_0'.		

### Dashboard Link

WF:D : The number of ERROR workflow items has exceeded the Property [Alert Level] threshold of [Alert Value].

## Usage

Use the Error Message information as the first step in resolving the error.

## Workflow - Mail Items 1

The Workflow - Mail Items 1 report is part one of a two-part report process. This report lists the overall statistics of workflows with items waiting to be sent.

### Example Report

OEBS.FOG.V5.0		FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0)	
		WORKFLOW - MAIL WORKFLOW COUNTS	
		For Vision Demo Application	
		As at 22-Jan-08 (Tue) 13:06	
Workflow	Display Name	Items	% of Total
CS_KB_W1	Knowledge Management Workflow Process (New)	40	65.6
IBC_WF	IBC - Content Manager Workflow	7	11.5
HRSSA	HR	6	9.8
APEXP	Expenses	3	4.9
POHGEN	POH - Workflow	1	1.6
IEXSTRY	IEK: Collection Strategy Work Flow	1	1.6
EXCERROR	XML Gateway Error Processing	1	1.6
ENGSTEP	Change Workflow Routing Step	1	1.6
OKLAMERR	OKL - AM : Standard Error	1	1.6

### Dashboard Link

WF:MI : The number of workflow items waiting to be sent has exceeded the Property [Alert Level] threshold of [Alert Value].

## Usage

Informational.

## Workflow - Mail Items 2

The Workflow - Mail Items 2 report is part two of a two-part report process. This report lists the workflows with items waiting to be sent for a selected workflow such as HRSSA (HR).

### Example Report

OEBS FOG V5.0

FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0)

WORKFLOW MAIL ACTIVITIES FOR

HRSSA - HR

Vision Demo Application

As at 22-Jan-08 (Tue) 13:07

Workflow Key	Activity Name
1429	** NOTE: Inconsistent activity version **
To: Cullen, Mr. Richard	
Subject: Professional Information for Ryan, Mr. Andrew David (Drew) requires approval	
Assigned User : RCULLEN	
Begin Date : 24-Jul03 14:32	Age (Days) : 1,643
Error Message: 9004: An error has occurred in workflow processing: 3142: Process 'CSMTYPE3/651847' has no activities waiting to receive event	
3560	Notify Approver (Subject and creator of Approval are different)
To: Cullen, Mr. Richard	
Subject: Enroll in a Class for Erickson, Mr. Barry requires approval	
Assigned User : RCULLEN	
Begin Date : 24-Jul03 14:32	Age (Days) : 1,643
Error Message: 9004: An error has occurred in workflow processing: 3142: Process 'CSMTYPE3/651826' has no activities waiting to receive event	
3550	Notify Approver (Subject and creator of Approval are different)
To: Cullen, Mr. Richard	
Subject: Enroll in a Class for Fisher, Mr. Jack requires approval	
Assigned User : RCULLEN	
Begin Date : 24-Jul03 14:32	Age (Days) : 1,643
Error Message: 9004: An error has occurred in workflow processing: 3142: Process 'CSMTYPE3/651830' has no activities waiting to receive event	

## Dashboard Link

WF:MI : The number of workflow items waiting to be sent has exceeded the Property [Alert Level] threshold of [Alert Value].

## Usage

Informational.

## Workflow - Notified Workflows 1

The Workflow - Notified Workflows 1 report is part one of a two-part report process. This report lists the overall statistics of workflows with notified items.

### Example Report

OEBS.FOG.V5.0		FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0)	
		WORKFLOW - NOTIFIED WORKFLOW COUNTS	
		For Vision Demo Application	
		As at 22-Jan-08 (Tue) 13:02	
Workflow	Display Name	Items	% of Total
HRSSA	HR	1,146	55.0
OEOL	OM Order Line	260	12.5
WFERROR	System: Error	259	12.4
IRC_WF	iRecruitment	75	3.6
CS_KB_WF	Knowledge Management Workflow Process	74	3.6
OECH	OM Order Header	64	3.1
XDPFPROV	SFM Fulfillment Processes	36	1.7
REQAPPRV	PO Requisition Approval	23	1.1
MSCXVMIR	Supply Chain Exchange VMI Replenishment	22	1.1
APVRMDER	PO Send Notifications for Purchasing Documents	18	0.9
EXCERROR	XML Gateway Error Processing	12	0.6
AMSPRV	AMS Marketing Approvals	10	0.5



## Dashboard Link

WF:N : The number of NOTIFIEDED workflow items has exceeded the Property [Alert Level] threshold of [Alert Value].

## Usage

Use this report to determine the workflow for which more information is required.

## Workflow - Notified Workflows 2

The Workflow - Notified Workflows 2 report is part two of a two-part report process. This report lists the all workflows with a status of notified for a selected workflow such as IRC\_WF (iRecruitment).

## Example Report

OEBS FOG V5.0			
FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0)			
WORKFLOW NOTIFIED ACTIVITIES FOR			
IRC_WF - iRecruitment			
Vision Demo Application			
As at 22-Jan-08 (Tue) 13:03			
Workflow Key	Activity Name		
643	Vacancy New End Page		
Assigned User :			
Begin Date :	06-Nov-03 15:56	Age (Days) :	1,538
641	Vacancy New Details Page		
Assigned User :			
Begin Date :	06-Nov-03 14:48	Age (Days) :	1,538
609	Vacancy New End Page		
Assigned User :			
Begin Date :	30-Oct-03 02:36	Age (Days) :	1,545
610	Vacancy New Details Page		
Assigned User :			
Begin Date :	30-Oct-03 02:10	Age (Days) :	1,546

## Dashboard Link

WF:N : The number of NOTIFIEDED workflow items has exceeded the Property [Alert Level] threshold of [Alert Value].

## Usage

Informational.

## Workflow - Stuck Workflows 1

The Workflow - Stuck Workflows 1 report is part one of a two-part report process. This report lists the overall statistics of workflows with stuck items.

## Example Report

OEBS FOG V5.0			
FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0)			
WORKFLOW - STUCK WORKFLOW COUNTS			
For Vision Demo Application			
As at 22-Jan-08 (Tue) 13:13			
Workflow	Display Name	Items	% of Total
ENGCACT	Change Action	1	100.0

## Dashboard Link

WF:S : The number of STUCK workflow items has exceeded the Property [Alert Level] threshold of [Alert Value].

## Usage

Use this report to determine the workflow for which more information is required.

## Workflow - Stuck Workflows 2

The Workflow - Stuck Workflows 2 report is part two of a two-part report process. This report lists all workflows with a status of Stuck for a selected workflow such as ENGCACT (Change Action).

### Example Report

OEBS FOG V5.0	
FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0)	
WORKFLOW STUCK ACTIVITIES FOR	
ENGCACT - Change Action	
Vision Demo Application	
As at 22-Jan-08 (Tue) 13:14	
Workflow Key	Activity Name
65	Initiate Change Lines
Assigned User :	
Begin Date : 03-Dec-03 20:05	
Age (Days) : 1,511	
Item Count: 1	

### Dashboard Link

WF:S : The number of STUCK workflow items has exceeded the Property [Alert Level] threshold of [Alert Value].

## Usage

Informational.

## Workflow - Timeout Workflows 1

The Workflow - Timeout Workflows 1 report is part one of a two-part report process. This report lists the overall statistics of workflows with timed out items.

### Example Report

OEBS FOG-V5.0			
FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0)			
WORKFLOW - TIMEOUT WORKFLOW COUNTS			
For Vision Demo Application			
As at 22-Jan-08 (Tue) 13:17			
Workflow	Display Name	Items	% of Total
OEBH	OM Blanket Header	1	100.0

### Dashboard Link

WF:T : The number of TIMEOUT workflow items has exceeded the Property [Alert Level] threshold of [Alert Value].

## Usage

Use this report to determine the workflow for which more information is required.

## Workflow - Timeout Workflows 2

The Workflow - Timeout Workflows 2 report is part two of a two-part report process. This report lists all workflows with a status of Timeout for a selected workflow such as ENGCACT (Change Action).

## Example Report

OEBS FOG V5.0		FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0)	
Workflow Key		Activity Name	
82282		Calculate Effective Dates	
Assigned User :			
Begin Date :		Age (Days) :	
27-Oct-04 13:48		1,182	
Item Count: 1			

## Dashboard Link

WF:T : The number of TIMEOUT workflow items has exceeded the Property [Alert Level] threshold of [Alert Value].

## Usage

Informational.

## Workflow - Workflow Activity

This report, while not directly related to a Foglight alert, can be used to display the activity history for a selected workflow and workflow key.

## Example Report

OEBS FOG V5.0		FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0)	
Activity Name		Activity Status	
AP Standard Expense Report Process		Null	
Assigned User :		Notification ID :	
Begin Date :		End Date :	
Error Message :		Age (Days) :	
13-Jun-01 23:51			
Start		COMPLETE	
Assigned User :		Notification ID :	
Begin Date :		End Date :	
Error Message :		Age (Days) :	
13-Jun-01 23:51		13-Jun-01 23:51	
Determine Which Process To Start From		COMPLETE	
Assigned User :		Server Validation	
Begin Date :		Notification ID :	
Error Message :		End Date :	
13-Jun-01 23:51		13-Jun-01 23:51	
Server Side Validation Process		COMPLETE	
Assigned User :		*	
Begin Date :		Notification ID :	
Error Message :		End Date :	
13-Jun-01 23:51		13-Jun-01 23:51	
Start		COMPLETE	
Assigned User :		Null	
Begin Date :		Notification ID :	
Error Message :		End Date :	
13-Jun-01 23:51		13-Jun-01 23:51	
AP Validate Expense Report		COMPLETE	
Assigned User :		Pass	
Begin Date :		Notification ID :	
Error Message :		End Date :	
13-Jun-01 23:51		13-Jun-01 23:51	

## Dashboard Link

None.

## Usage

This report shows each step (Workflow Activity) the selected workflow has completed. The report column Age (Days) may make it easy to identify the bottleneck in the workflow.

## Workflow - Workflow Counts

This report lists the overall breakdown of workflows currently within the OEBS application.

### Example Report

OEBS FOG.V5.0 FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0) WORKFLOW - WORKFLOW COUNTS For Vision Demo Application As at 22-Jan-08 (Tue) 13:19			
Workflow	Display Name	Items	% of Total
OAM_BE	OAM Business Exception	7,515	43.4
OEOL	OM Order Line	5,274	30.5
OECH	OM Order Header	1,599	9.2
HRSSA	HR	1,150	6.6
WFERROR	System: Error	418	2.4
CS_KB_WF	Knowledge Management Workflow Process	148	0.9
POWFRQAG	PO Requisition Account Generator	148	0.9
ASXSLASW	Monitoring Engine Workflow	140	0.8

### Dashboard Link

WF:ASP : The number of workflows have exceeded the Property [Alert Level] threshold of [Alert Value].

### Usage

It is useful to run this report each month to assess the changing business processes over a period of time.

## Workflow - Workflow Long Running

This report lists all long running workflows as determined by the Foglight Cartridge for OEB cartridge.

### Example Report

OEBS FOG.V5.0 FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0) WORKFLOW - Possible Long Running Workflows Vision Demo Application As at 21-Jan-08 (Mon) 13:20					
Workflow	Display Name	Key	Workflow Start Date	Run Days	Avg Days
WFERROR	System: Error	WF2586	06-Sep-00 09:52	2,694	448
WFERROR	System: Error	WF2591	06-Sep-00 10:49	2,694	448
WFERROR	System: Error	WF2654	13-Sep-00 06:02	2,687	448
WFERROR	System: Error	WF3324	10-Oct-00 17:33	2,660	448
WFERROR	System: Error	WF3344	10-Oct-00 17:41	2,660	448
WFERROR	System: Error	WF3582	23-Feb-01 15:56	2,524	448
WFERROR	System: Error	WF3584	23-Feb-01 15:56	2,524	448
WFERROR	System: Error	WF3583	23-Feb-01 15:56	2,524	448
WFERROR	System: Error	WF3603	27-Feb-01 11:45	2,520	448
XDPPROV	SFM Fulfillment Processes	10001-MAIN-10000	04-Apr-01 17:17	2,484	150
XDPPROV	SFM Fulfillment Processes	10001-LINE-1000010001	04-Apr-01 17:17	2,484	150
XDPPROV	SFM Fulfillment Processes	10001-WI-1000010003	04-Apr-01 17:17	2,484	150

### Dashboard Link

WF:001 : [Alert Level] nn long running workflows have been detected.

### Usage

Informational.

## Workflow - Workflow Overdue Notifications

This report lists all overdue activities for the selected user.

## Example Report

OEBS FOG-V5.0							
FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 6.0)							
OVERDUE NOTIFICATIONS FOR							
RCULLEN							
Vision Demo Application							
As at 22-Jan-08 (Tue) 13:20							
		Days					
Workflow	Workflow Key	Note ID	Message Name	Begin Date	Due Date	Available	Overdue
HRSSA	3551	658750	HR_NOTIFY_APPROVER_MSG1	24-Jul-03	29-Jul-03	5	1,638
HRSSA	3560	658752	HR_NOTIFY_APPROVER_MSG1	24-Jul-03	29-Jul-03	5	1,638
HRSSA	3550	658753	HR_NOTIFY_APPROVER_MSG1	24-Jul-03	29-Jul-03	5	1,638
HRSSA	1429	658754	HR_NOTIFY_APPROVER_MSG1	24-Jul-03	29-Jul-03	5	1,638
Notification Count: 4							

## Dashboard Link

WF:002 : [Alert Level] nn users with overdue workflow notifications has been detected.

## Usage

Use this report to show all overdue workflow items for the selected user.

# Foglight OEBS V5 Agent Properties

The Foglight OEBS cartridge has an extensive number of properties and property lists that should be set prior to normal operation of the OEBS (Oracle E-Business Suite) cartridge.

On many occasions during the implementation, the preset properties provided such as active accounts and concurrent request activity are for reference only, and, in most cases, do not represent the actual activity of the application. In some cases, this could result in dashboard message storms, or worse, missed alerts due to property values being set too high.

In order to prevent this, and provide value on first startup, Dell has provided a number of reports that return the actual allocation activity, including estimates for property settings.

These reports can be found under the reports sections:

- Foglight OEBS V5 Agent Properties
- Foglight OEBS V5 Agent Property Lists

This section only refers to the following reports section Foglight OEBS V5 Agent Properties:

- [Concurrent Request \(1\) - Log and Out](#)
- [Full Service - Sessions Intraday](#)
- [General - Active Accounts](#)
- [General - Availability](#)
- [General - Language](#)
- [General - Response Time \(1\)](#)
- [General - Response Time \(2\)](#)
- [Self Service - Pages Intraday](#)
- [Self Service - Sessions Intraday](#)
- [Workflow - Workflow \(1 and 2\)](#)

In addition, these reports should be run and the resulting reports provided to the customer. As part of the PSO engagement, a copy should also be kept as a part of an implementation audit trail.

These reports should be run after the Foglight cartridge is installed and prior to the cartridge being started.

Foglight concurrent request properties can be set for:

- The number of completed requests (Completed Total)
- The number of completed error requests (Completed Error)
- The number of completed warning requests (Completed Warning)

Each property has three levels of alerting: Warning, Critical and Fatal. This report lists the daily average and maximum submitted requests.

## Example Report

OEBS FOG-V5.0    FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0) Agent Properties - Concurrent Requests (1) - Completed Requests For OEBS 12i Demo Application (Gary Piper) As at 17-Jan-08 (Thu) 12:11					
	Historical (Daily)		Warning	Critical	Fatal
	Average	Maximum			
Completed Total	162	397	403	806	1,209
Completed Error	9	91	87	173	260
Completed Warning	1	15	14	28	43
<b>Note:</b> The Warning level is set to the historical average + 3 standard deviations Critical level is two (2) times the warning level Fatal level is three (3) times the warning level					

**NOTE:** As there is generally a lower request activity on weekends, this report uses all the available history in `fnf_concurrent_requests` for those requests run on weekdays only and also excludes report sets and report set stages. In addition, holding 31 days history online is more accurate as it represents one full business cycle.

Foglight concurrent request properties can be set for:

- The number of completed requests (Completed Total).
- The number of completed error requests (Completed Error).
- The number of completed warning requests (Completed Warning).

Each property has three levels of alerting: Warning, Critical and Fatal. This report lists the daily average and maximum submitted requests.

## Example Report

OEBS FOG-V5.0    FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0) Agent Properties - Concurrent Requests (1) - Completed Requests For OEBS 12i Demo Application (Gary Piper) As at 17-Jan-08 (Thu) 12:11					
	Historical (Daily)		Warning	Critical	Fatal
	Average	Maximum			
Completed Total	162	397	403	806	1,209
Completed Error	9	91	87	173	260
Completed Warning	1	15	14	28	43
<b>Note:</b> The Warning level is set to the historical average + 3 standard deviations Critical level is two (2) times the warning level Fatal level is three (3) times the warning level					

**NOTE:** As there is generally a lower request activity on weekends, this report uses all the available history in `fnf_concurrent_requests` for those requests run on weekdays only and also excludes report sets and report set stages. In addition, holding 31 days history online is more accurate as it represents one full business cycle.

## Concurrent Request (1) - Log and Out

The Foglight concurrent request properties for the amount of Log and Out file space being generated by concurrent requests has three levels of alerting: Warning, Critical and Fatal. This report lists the daily average and maximum Log file (MB), Out file (MB) and the total Log and Out file space (MB) being generated per day

As there is generally a lower request activity on weekends, this report uses all the available history in `fnr_concurrent_requests` for those requests run on weekdays only.

## Example Report

FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0)						
Agent Properties - Concurrent Requests (1) - Log and Out (Mb)						
For OEBS 12i Demo Application (Gary Piper)						
As at 17-Jan-08 (Thu) 12:12						
Historical						
Average Out	Average Log	Average Total	STDDEV	Warning	Critical	Fatal
10	0	10	24	83	165	248
<b>Note:</b> The Warning level is set to the historical average + 3 standard deviations Critical level is two (2) times the warning level Fatal level is three (3) times the warning level						

**NOTE:** For some earlier versions of OEBS, where the log and out file size is not recorder by Oracle E-Business Suite, the report shows all values as zero.

## Full Service - Sessions Intraday

The Foglight full service session intraday report provides the average number of full service sessions per day and the estimated property settings.

## Example Report

FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0)			
Agent Properties - Full Service Accumulative (Intraday)			
For OEBS 12i Demo Application (Gary Piper)			
As at 17-Jan-08 (Thu) 12:12			
Current Daily Average	Warning	Critical	Fatal
3	9	12	14
<b>Warning</b> = Average + 3 standard deviations <b>Critical</b> = 25 percent above warning value <b>Fatal</b> = 50 percent above warning value			

## General - Active Accounts

This report provides the number of application and an estimated warning level which is 10 percent over the current active number of accounts.

An active account is defined as any Application account whose account start date has passed and an end date has not been set. Where an account end date has been set that end date has not expired.

## Example Report

FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0)	
Agent Properties - General - Active Accounts	
For OEBS 12i Demo Application (Gary Piper)	
As at 17-Jan-08 (Thu) 12:13	
Current Active Accounts	Warning Level
2,369	2,600
The recommended default warning level is 10% over the current user numbers	

Alternately, you may wish to set the "Active Accounts" property alarm level to the number of site licenses. In that way Foglight notifies you when new licenses are required or an account cleanup is required to reclaim some named user licenses.

## General - Availability

In some earlier version of Oracle E-Business Suite Maintenance Mode and or Workflow Service may not exist, this report checks for the existence of these items and recommends the property settings for these availability items.

### Example Report

OEBS.ASP.5.0 FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0) Agent Properties - General- Availability For OEBS 12i Demo Application (Gary Piper) As at 17-Jan-08 (Thu) 13:12		
Property Item	Exists	Property Setting
Concurrent Managers	Exists in all versions of OEBS	YES
Maintenance Mode	Maintenance Mode exists in this version of OEBS	YES or NO
Workflow Service	Workflow Service exists in this version of OEBS	YES or NO
Property Count: 3		


Where an Availability property setting is set to "No" the Foglight collector does not report on that component.

## General - Language

The Installed Languages report lists all the registered installed languages of the Oracle E-Business Suite application. The Oracle E-Business Suite application uses languages to translate a number of application descriptions into the selected language.

### Example Report

OEBS.FOG.V5.0 FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0) Agent Properties - General- Installed Languages For OEBS 12i Demo Application (Gary Piper) As at 17-Jan-08 (Thu) 12:13		
Installed Language	NLS Language	NLS Territory
US	AMERICAN	AMERICA
Language Count: 1		

 **CAUTION:** Failure to correctly set the Foglight cartridge language property results in a number of the collectors returning no rows and some Foglight alerts may not be generated.

## General - Response Time (1)

Foglight determines the overall response time of the Oracle E-Business Suite application by measuring the run time of a selected concurrent program (Default FNDOAMCOL). Where a site wishes to use a different concurrent program to measure application response (not recommended), entering the concurrent request short name in the report parameter causes this report to validate that the selected report exists.

### Example Report

OEBS.FOG.5.0 FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0) Agent Properties - General - Resonse Time Program Check For OEBS 12i Demo Application (Gary Piper) As at 17-Jan-08 (Thu) 12:14	
Program Status	
The concurrent program FNDOAMCOL exists	



## General - Response Time (2)

The Foglight response time measures the run time of a selected concurrent program (Default FNDOAMCOL) providing the historical average run time (seconds) and the estimated property settings for response time properties.

### Example Report

OEBS.FOG.V5.0 FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0) Agent Properties - General - Resonse Time Estimates For OEBS 12i Demo Application (Gary Piper) As at 17-Jan-08 (Thu) 12:14				
Historical Average	Historical Maximum	Warning	Critical	Fatal
4	21	10	20	30
Note: The Warning level is set to the historical average + 3 standard deviations				

**NOTE:** As there is generally a lower request activity on weekends, this report uses all the available history in `fnf_concurrent_requests` for those requests run on weekdays only.

## Self Service - Pages Intraday

The Foglight self service pages intraday report provides the average number of self service page requests per day and the estimated property settings.

### Example Report

OEBS.FOG.V5.0 FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0) Agent Properties - Self Service Pages Accumulative (Intraday) For OEBS 12i Demo Application (Gary Piper) As at 17-Jan-08 (Thu) 12:14				
Current Daily Average	Warning	Critical	Fatal	
66	542	678	813	
Warning = Average + 3 standard deviations Critical = 25 percent above warning value Fatal = 50 percent above warning value				

## Self Service - Sessions Intraday

The Foglight self service session intraday report provides the average number of self service sessions per day and the estimated property settings.

### Example Report

OEBS.FOG.V5.0 FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0) Agent Properties - Self Service Sessions Accumulative (Intraday) For OEBS 12i Demo Application (Gary Piper) As at 17-Jan-08 (Thu) 12:15				
Current Daily Average	Warning	Critical	Fatal	
17	113	141	169	
Warning = Average + 3 standard deviations Critical = 25 percent above warning value Fatal = 50 percent above warning value				

## Workflow - Workflow (1 and 2)

The Foglight OEB workflow properties can be set for:

- The number of active workflows
- The number of deferred workflow items
- The number of stuck workflow items

- The number of errored workflow items
- The number of notified workflow items
- The number of timeout workflow items
- The number of workflow items waiting to be sent

Each property has three levels of alerting: Warning, Critical and Fatal. This report lists the current workflow values and the property alert estimates.

**NOTE:** These values represent current activity only and are suitable for initial property settings. However, it is recommended that once the Foglight cartridge is collecting workflow information for approximately one month the properties should be reassessed based on the values shown in the Foglight workflow views.

## Example Report

OEBS FOG V5.0      FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0) Agent Properties - WORKFLOW - Workflow (1) & Workflow (2) For OEBS 12i Demo Application (Gary Piper) As at 17-Jan-08 (Thu) 13:23				
Property	Current Value	Warning	Critical	Fatal
Workflow	46,115	50,700	57,600	69,300
Deferred	2,565	2,800	3,200	3,800
Stuck	1	0	0	0
Error	14,105	15,500	17,600	21,200
Notified	19,849	21,800	24,800	29,800
Timeout	1	0	0	0
Mail Items	543	600	700	800
Property Count: 7				
Warning = 10 percent above current value				
Critical = 25 percent above current value				
Fatal = 50 percent above current value				

If the estimated values of workflows of a particular status are low within the application, the Warning, Critical and Fatal level shown may be inappropriate. For example, refer to Stuck count in the above example report. Where this is the case, estimate these values to an appropriate level.

## Foglight OEBS V5 Agent Property Lists

The Foglight for Oracle E-Business Suite has an extensive number of agent properties and agent property lists that should be set prior to normal operation of the Cartridge for Oracle E-Business Suite.

Within the Foglight for Oracle E-Business Suite OEBS cartridge there are a number of properties that allow you to include or exclude Users, Concurrent Programs, workflows, and so on, from a number collections.

The Foglight OEBS V5 Agent Property Lists group of reports report on the property lists for the Foglight OEBS cartridge:

- [Aged User Exclusion List](#)
- [Concurrent Manager - List of Values](#)
- [Concurrent Manager - Watch List](#)
- [Concurrent Program - Watch List](#)
- [Concurrent Request - Duplicate Requests Exclusion List](#)
- [Concurrent Request - Long Running Exclusion List](#)
- [Index Watch List](#)
- [Object Monitor List](#)
- [Workflow - Long Running Exclusion List](#)
- [Workflow - Purge Check Exclusion List](#)

Run these reports after installation of the Foglight cartridge and prior to the cartridge being started.

In addition, these reports should be run and the resulting reports provided to the customer. As part of the PSO engagement, a copy should also be kept as a part of an implementation audit trail.

**NOTE:** In many cases, this set of reports can be used to validate the information entered in the Foglight property exclusions. In the following example, the user account ABC is not a valid user account.

OEBS.FOG-V5.0      FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0) Aged User Account Exclusion List For OEBS 12i Demo Application (Gary Piper) As at 21-Jan-08 (Mon) 06:42	
User Name	Description
ANONYMOUS	Anonymous user name for non-logged "aiap" users.
AUTOINSTALL	This application user name represents conversion or feeder system programs and i
CONCURRENT MANAGER	This application user name represents the concurrent manager and is stored in ea
FEEDER SYSTEM	Use this id for data coming from feeder systems
INITIAL SETUP	Dummy user for initially set up rows in an application.
ABC	<b>NOTE: This account does not exist in this OEBS instance</b>
User Count: 6	

## Aged User Exclusion List

This report lists those user accounts to be excluded from the Foglight Aged User Alert.

### Example Report

OEBS.FOG-V5.0      FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0) Aged User Account Exclusion List For OEBS 12i Demo Application (Gary Piper) As at 21-Jan-08 (Mon) 06:42	
User Name	Description
ANONYMOUS	Anonymous user name for non-logged "aiap" users.
AUTOINSTALL	This application user name represents conversion or feeder system programs and i
CONCURRENT MANAGER	This application user name represents the concurrent manager and is stored in ea
FEEDER SYSTEM	Use this id for data coming from feeder systems
INITIAL SETUP	Dummy user for initially set up rows in an application.
ABC	<b>NOTE: This account does not exist in this OEBS instance</b>
User Count: 6	

## Concurrent Manager - List of Values

This report is provided to aid in the setup of the CR - Running and Pending by Manager alerts. This report lists all the currently active concurrent managers for the target application including the number of manager processes. The manager name from this report can be used in the Concurrent Manager - Manager Watch List property.

### Example Report

OEBS.FOG-V5.0      FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0) Concurrent Manager List for (Agent Property - Running & Pending - Manager Watch List) For OEBS 12i Demo Application (Gary Piper) As at 20-Jan-08 (Sun) 05:50	
Manager Name	Processes
AMSDMIN	1
CRPINQMGR	1
FNDPCOPP	1
FNDISM_MEL601538	1
FTE_TXN_MANAGER	1
INVMGR	1
INVTMRPM	1
MRPMGR	1
OAMCOLMGR	1
PASMGR	1
PODAMGR	1
RCVOLTM	1
RCVOLTM14	1
STANDARD	3

## Concurrent Manager - Watch List

The Foglight OEBS cartridge provides the ability to monitor selected concurrent managers and alerts when the number of pending requests exceeds a preset value (CR - Running and Pending by Manager). This report lists those managers that are being monitored and their alert levels.

### Example Report

FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0) Concurrent Manager - Watch List For OEBS 12i Demo Application (Gary Piper) As at 20-Jan-08 (Sun) 06:15				
Manager Name	Description	Max Processes	Pending Alarm Level	Running Alarm Level
STANDARD	STANDARD	3	100	10
xx	** UNKNOWN **		1	1
Manager Count: 2				

**NOTE:** A Foglight rule must be created for each “watched” manager. A preset Foglight rule is not provided for Running Alarm Level.

## Concurrent Program - Watch List

The Foglight OEBS cartridge provides the ability to monitor selected concurrent programs and alert when:

- The program cannot be found, or is placed on hold
- Completed with a status of error
- Completed with a status of error
- Requested and have a status of Pending or Running

This report lists the current concurrent program watch list.

### Example Report

FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0) Concurrent Request - Program Watch List For OEBS 12i Demo Application (Gary Piper) As at 21-Jan-08 (Mon) 05:50							
Appn ID	Program ID	Program Name	User Program Name	Exists	Pending	Running	Completed
							Error Warning
0	32263	FNDCCPUR	Purge Concurrent Request and/or Manager Data	No	No	No	No
0	32592	FNDSCPRG	Purge Signon Audit data	Yes	No	No	No
0	38089	FNDWFPR	Purge Obsolete Workflow Runtime Data	Yes	No	No	No
0	38121	FNDGSCST	Gather Schema Statistics	Yes	No	No	No
0	45670	ANALYZEIMPACT	Analyze Impact Data	No	Yes	Yes	Yes
101	130	GLSTPM	Add/Delete Summary Accounts	No	Yes	Yes	Yes
101	20127	GLACTANL	Account Analysis - (132 Char)	No	Yes	Yes	Yes
101	32045	RGOPTM	Program - Optimizer	Yes	No	No	No
101	44324	ADSFINS	ADS Financials	No	Yes	Yes	Yes
178	36652	ICKDLTMP	Delete data from temporary table	Yes	No	No	No
Watched Programs: 10							

## Concurrent Request - Duplicate Requests Exclusion List

This report lists those concurrent programs that are excluded from the Foglight duplicate requests alert.

## Example Report

OEBS-FOG-V5.0 FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0) Duplicate Requests - Program Exclusion List For OEBS 12i Demo Application (Gary Piper) As at 21-Jan-08 (Mon) 06:57			
Appn ID	Program ID	Program Name	User Program Name
101	101	GLPPOS	Posting
Excluded Programs: 1			

## Concurrent Request - Long Running Exclusion List

This report lists those concurrent programs that are excluded from the Foglight long running requests alert.

### Example Report

OEBS-FOG-V5.0 FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0) Duplicate Requests - Program Exclusion List For OEBS 12i Demo Application (Gary Piper) As at 21-Jan-08 (Mon) 06:57			
Appn ID	Program ID	Program Name	User Program Name
101	101	GLPPOS	Posting
Excluded Programs: 1			

## Index Watch List

The Foglight OEBS cartridge provides the ability to check one or more indexes and alert when the number of deleted rows exceeds 30 percent. This report lists those indexes being checked by Foglight.

### Example Report

OEBS-FOG-V5.0 FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0) Health Check - Index Check List For OEBS 12i Demo Application (Gary Piper) As at 21-Jan-08 (Mon) 06:51		
Index Owner	Index Name	Status
APPLSYS	FND_CONCURRENT_REQUESTS_N2	Exists
APPLSYS	FND_CONCURRENT_REQUESTS_U1	Exists
APPLSYS	FND_LOGINS_U1	Exists
APPLSYS	WF_ITEM_ACTIVITY_STATUSES_N1	Exists
ICX	ICX_SESSIONS_U1	Exists
ICX	ICX_TEXT_U1	Exists
Index Count: 6		

**NOTE:** It is recommended that the number of indexes be limited as the overhead for each index check is high.

## Object Monitor List

The Foglight OEBS cartridge provides the ability to monitor the number of rows in a table or view. This report lists the tables and/or views currently being monitored.

### Example Report

OEBS-FOG-V5.0 FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0.0) Object Monitor List For OEBS 12i Demo Application (Gary Piper) As at 21-Jan-08 (Mon) 07:36					
Owner	Object Name	Object Type	Warning Rows	Collect	Status
APPLSYS	FND_CONCURRENT_REQUESTS	Table	100,000	Yes	Exists
ora_bc	binky_test	View	20	Yes	UNKNOWN
Object Count: 2					

## Workflow - Long Running Exclusion List

This report lists those workflows excluded from the Foglight long running workflows alert.

### Example Report

OEBS.FOG-V5.0      FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0) Workflow - Long Running Exclusion List For OEBS 12i Demo Application (Gary Piper) As at 21-Jan-08 (Mon) 05:58	
Workflow Name	Display Name
APEX	Expenses
Workflow Exclusion Count: 1	

## Workflow - Purge Check Exclusion List

This report lists those workflows excluded from the Foglight workflow purge alert.

### Example Report

OEBS.FOG-V5.0      FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0) Workflow - Purge Check Exclusion List For OEBS 12i Demo Application (Gary Piper) As at 21-Jan-08 (Mon) 05:59	
Workflow Name	Display Name
APEX	Expenses
Workflow Exclusion Count: 1	

## Quest Foglight OEBS V5 Agent Support

The Foglight OEB cartridge support reports can be found under the reports section Foglight OEBS V5 Agent Support in the Toad reports module.

The Foglight support reports provide information on the install and setup of the Foglight OEBDatabase Agent and are primarily used by Dell to both an audit of the Foglight agent install and to aid Dell support personnel in issue resolution. Many of these reports are used to identify if any of the required Foglight objects are missing or have become invalid.

The reports are also part of an install record for each site and a copy of all reports in the support section should be generated and stored for future reference.

While the reports in the support section are designed for Dell PSO (Professional Services) and Support, they may provide useful but limited information for the customer. That is, the majority of these reports can be used to answer the customer question "What are you installing in my application?"

These reports are:

- [Agent Configuration](#)
- [Agent Periodic Runs](#)
- [Agent Property List](#)
- [Application Information](#)
- [Baseline Statistics](#)
- [Concurrent Request Activity History](#)
- [Install - Function Check](#)
- [Install - Grant Check](#)
- [Install - Installed Products \(Foglight\)](#)

- [Install - Package Check](#)
- [Install - Synonym Check](#)
- [Install - Table Check](#)
- [Install - Type Check](#)
- [Install - View Check](#)
- [Workflow Activity History](#)

## Agent Configuration

The Foglight OEB cartridge requires a number of reference values for its normal operation. This report lists the Agent Configuration settings.

### Example Report

OEB5 FOG-V5.0		FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0) Agent Configuration For OEB5 12i Demo Application (Gary Piper) As at 17-Jan-08 (Thu) 08:34	
Collector Name	Description		
QUEST_FG_OEB5_ALERT_SUMMARY	The date when the last summary collector was run.		
Date Value:	19-Dec-07 15:09	Last Update Date:	19-Dec-07 15:09
Numeric Value:		Last Update By:	Collector
Varchar Value:		Last Update Age (Days):	28
QUEST_FG_OEB5_BL_ALARM_STDEVS	The number of standard deviations to be used for auto baseline alerts		
Date Value:		Last Update Date:	29-Nov-07 16:45
Numeric Value:	4	Last Update By:	Install
Varchar Value:		Last Update Age (Days):	48
QUEST_FG_OEB5_CM_CONTROL_CHECK	The request_id of the last CM control program check.		
Date Value:		Last Update Date:	29-Nov-07 16:45
Numeric Value:	0	Last Update By:	Install
Varchar Value:		Last Update Age (Days):	48
QUEST_FG_OEB5_CR_LONG_RUNNING	Th minimum runtime (Minutes) for long running requests		
Date Value:		Last Update Date:	29-Nov-07 16:45
Numeric Value:	10	Last Update By:	Install
Varchar Value:		Last Update Age (Days):	48
QUEST_FG_OEB5_CR_LR_STDEVS	The number of standard deviations to be used for long running requests alerts		
Date Value:		Last Update Date:	29-Nov-07 16:45
Numeric Value:	2	Last Update By:	Install
Varchar Value:		Last Update Age (Days):	48

**NOTE:** The last update by value is set to "Install" on install. Once the collector runs, the value is set by the collector to "Collector". A value of "Install" indicates the collector has never run. Some collectors only run once per month.

## Agent Periodic Runs

The maximum collection frequency for Foglight cartridge is daily. However, there are a number of collections within the OEB cartridge that should only be run once per day, week or month. The cartridge periodic runs feature ensures the selected collectors only run once per defined period, regardless of the collectors sample frequency.

This report only refers to collections that are to be run daily, weekly or monthly. It does not include collectors that are run more frequently.

## Example Report

OEB5.FOG.V5.0      FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0) Agent Periodic Runs For OEB5 12i Demo Application (Gary Piper) As at 17-Jan-08 (Thu) 08:37			
Collector Name	Frequency	Last Run Date	Last Run Age (Days)
QUEST_FG_OEBS_ACC_END_DATE Accounts due to end date to be checked monthly	MONTHLY	30-Nov-07 (Fri) 09:43	47
QUEST_FG_OEBS_ACTIVE_ACCOUNTS Active Account history to be collected daily	DAILY	19-Dec-07 (Wed) 00:00	29
QUEST_FG_OEBS_AGED_ACCOUNTS Health Check Aged Application Accounts to be checked monthly	MONTHLY	30-Nov-07 (Fri) 16:45	47
QUEST_FG_OEBS_AGED_ONHOLD Health Check Old on-hld requests to be checked monthly	MONTHLY	29-Nov-07 (Thu) 16:45	48
QUEST_FG_OEBS_CBO_STATS_CHECK Health Check CBO stats check to be checked monthly	MONTHLY	30-Nov-07 (Fri) 10:37	47
QUEST_FG_OEBS_CR_COMPLETED_H Completed requests history to be collected daily	DAILY	19-Dec-07 (Wed) 01:00	29
QUEST_FG_OEBS_CR_RUNTIME_H CR long running check to be checked weekly	WEEKLY	13-Dec-07 (Thu) 00:00	35
QUEST_FG_OEBS_DEAD_SESSIONS Dead session check	MONTHLY	21-Nov-07 (Wed) 16:45	56
QUEST_FG_OEBS_FAILED_FS_LOGINS Health Check unsuccessful FS logins to be checked daily	DAILY	04-Dec-07 (Tue) 08:45	43
QUEST_FG_OEBS_FAILED_SS_LOGINS Health Check unsuccessful SS logins to be checked daily	DAILY	04-Dec-07 (Tue) 08:45	43
QUEST_FG_OEBS_FS_HISTORY FuJII service user history to be collected daily	DAILY	19-Dec-07 (Wed) 01:00	29

**NOTE:** The frequency value of “daily” is included to ensure the “daily” collections only run once per day, even if the collector run frequency is set to a higher collection rate (for example, every hour).

## Agent Property List

The Agent Properties List report lists all the current property settings for the Foglight OEB cartridge.

## Example Report

OEB5.FOG.V5.0      FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0) AGENT PROPERTIES For OEB5 12i Demo Application (Gary Piper) As at 17-Jan-08 (Thu) 08:38		
ASP Name	String Value	Integer Value
AcEndDateNotificationPeriod		2
ActiveAccountsWarningThreshold		2,000
CheckCrmAvail	Yes	
CheckFormMm	Yes	
CheckWtMailerAvail	Yes	
CompletedAlerting	Both	
CompletedErrorCritical		10
CompletedErrorFatal		15
CompletedErrorWarning		5
CompletedWarningCritical		20
CompletedWarningFatal		30
CompletedWarningWarning		10
CRHistoryThresholdMonths		4
DeferredCriticalThreshold		2,500
DeferredFatalThreshold		3,000
DeferredWarningThreshold		2,000
ErrorCriticalThreshold		750
ErrorFatalThreshold		800
ErrorWarningThreshold		700
FglMajorVersion		4
FSHistoryThresholdMonths		4
FullServiceActivityAccAlerting	Both	
FullServiceActivityAccCriticalThreshold		1,000
FullServiceActivityAccFatalThreshold		1,400
FullServiceActivityAccWarningThreshol		800
FullServiceActivityAlerting	ASPs (see below)	
FullServiceActivityCriticalThreshold		8




# Application Information

The Application Information report lists high-level OEB applications details including both application and database versions.

This is the first and most important report to be run when on site as it provides a high-level overview of the target environment.

## Example Report

OEB5.FOG.V5.0 FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0) AGENT SUPPORT - Application Details	
Item	Value
Report Date	17-Jan-08 (Thu) 08:40
Database Version	10.2
Database SID	VIS
Cpu_Count	1
Db_Name	VIS
Optimizer_Mode	ALL_ROWS
OEB5 Version	12.0.0
Sign-On: Audit Level	Form


 **NOTE:** This report can be run as the user "APPS" prior to the OEB Agent being installed.

# Baseline Statistics

The Foglight OEB cartridge uses historical application activity to set baseline alert levels. A number of historical activity collectors populate the Foglight baseline data and that data is then used for baseline alerting. This report shows the current baseline statistics.

## Example Report

OEB5.FOG.V5.0 FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0) Baseline Statistics For OEB5 12i Demo Application (Gary Piper) As at 17-Jan-08 (Thu) 08:41	
Statistic Name	Statistic Description
QUEST_FG_OEBS_CR_COMPLETED_H The number of completed requests baseline	
Last Sample Date: 19-Dec-07 01:00	Minimum Value: 91
History Days: 12	Average Value: 138
Value Descriptor: Requests	Maximum Value: 149
	Standard Dev: 15
QUEST_FG_OEBS_FS_HISTORY_SESSIONS The Number of Full Service sessions	
Last Sample Date: 19-Dec-07 01:00	Minimum Value: 1
History Days: 2	Average Value: 1
Value Descriptor: FS Sessions	Maximum Value: 1
	Standard Dev: 0
QUEST_FG_OEBS_LOG_OUT_H The total log and out file (Mb) generated	
Last Sample Date: 19-Dec-07 01:00	Minimum Value: 0
History Days: 12	Average Value: 0
Value Descriptor: Mb	Maximum Value: 0
	Standard Dev: 0

 **NOTE:** This report should only be run once the first collection run has completed.

# Concurrent Request Activity History

The Foglight cartridge detects long-running concurrent requests. In order to determine if a request is long running, the current runtime for requests are compared to historical activity data held and updated by the Foglight cartridge. The following reports lists the reference runtimes for concurrent programs run on the target application used by the Foglight cartridge.

## Example Report

FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0) Foglight - Concurrent Request Activity History For OEBS 12i Demo Application (Gary Piper) As at 17-Jan-08 (Thu) 08:42							
Appn ID	Prog ID	Prog Name	Program Full Name	Sample Date	Runtime Statistics (Seconds)		
					Sample Size	Average	STDDEV
0	0	FNDICPPUR	Purge Concurrent Request and/or Manager Data	13-Dec-07 00:00 (Thu)	14	15.0	24.0
0	0	FNDSCURS	Active Users	13-Dec-07 00:00 (Thu)	177	13.0	18.0
0	0	FNDQAMCOL	QAM Applications Dashboard Collection	13-Dec-07 00:00 (Thu)	1,780	4.0	11.0
0	0	FNDSCPRG	Purge Signon Audit data	13-Dec-07 00:00 (Thu)	14	3.0	3.0
178	178	ICXDLTMP	Delete data from temporary table	29-Nov-07 16:45 (Thu)	15	2.0	2.0
800	800	PER_FND_SES	Remove obsolete sessions from fnd_sessions	13-Dec-07 00:00 (Thu)	16	1.0	3.0
0	0	ANALYZEIMPAC	Analyze Impact Data	06-Dec-07 00:02 (Thu)	13	0.0	1.0

## Install - Function Check

The Foglight cartridge consists of a number of application side functions. This report lists all the required functions identifying if the function is either missing or invalid.

### Example Report

FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0) Foglight Install - Function Check For OEBS 12i Demo Application (Gary Piper) As at 17-Jan-08 (Thu) 08:43					
Function Name	Exists	Status	Created Date	Time Stamp	
QUEST_FG_OEBS_ACC_END_DATE	Exists	VALID	29-Nov-07 (Thu) 16:45	2007-12-04 15:06:46	
QUEST_FG_OEBS_ACTIVE_ACCOUNTS	Exists	VALID	04-Dec-07 (Tue) 15:06	2007-12-04 15:06:40	
QUEST_FG_OEBS_AGED_ACCOUNTS	Exists	VALID	29-Nov-07 (Thu) 16:45	2007-12-04 15:06:46	
QUEST_FG_OEBS_AGED_ONHOLD	Exists	VALID	29-Nov-07 (Thu) 16:45	2007-12-04 15:06:48	
QUEST_FG_OEBS_ALERT_SUMMARY	Exists	VALID	29-Nov-07 (Thu) 16:45	2007-12-04 15:06:47	

## Install - Grant Check

The Foglight cartridge consists of a number of application grants (Select only). This report lists all the required grants and their current status.

### Example Report

FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0) Foglight Install - Grant Check For OEBS 12i Demo Application (Gary Piper) As at 17-Jan-08 (Thu) 08:43		
Table Owner	Table Name	Select Priv Exists
APPLSYS	AD_APPLIED_PATCHES	Exists
APPLSYS	AD_APPL_TOPS	Exists
APPLSYS	AD_PATCH_DRIVERS	Exists
APPLSYS	AD_PATCH_RUNS	Exists
APPLSYS	FND_APPLICATION	Exists
APPLSYS	FND_CONCURRENT_PROCESSES	Exists
APPLSYS	FND_CONCURRENT_PROCESSORS	Exists
APPLSYS	FND_CONCURRENT_PROGRAMS	Exists
APPLSYS	FND_CONCURRENT_PROGRAMS_T	Exists
APPLSYS	FND_CONCURRENT_QUEUES	Exists
APPLSYS	FND_CONCURRENT_REQUESTS	Exists

## Install - Installed Products (Foglight)

During the install process and subsequent upgrades the Foglight cartridge runs a series of Foglight FOP (Foglight Oracle Package) files. This report lists the required FOP files and the status of each FOP file including the information on the file's version and when the file was created or rerun.

## Example Report

OEBS FOG V5.0 FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0) Installed Foglight Products For OEBS 12i Demo Application (Gary Piper) As at 17-Jan-08 (Thu) 08:44					
Product Name	Installed By	Status	Version	Installed Date	Age (Days)
OEBDATABASE.QUEST_FG_ACCOUNTACTIVITY.FOP	LID_OEB2	Exists	2.0(x.x.x.x.x.x.x)	29-Nov-07 16:45	48
OEBDATABASE.QUEST_FG_ACTIVEACCOUNTS.FOP	LID_OEB2	Exists	2.0(x.x.x.x.x.x.x)	04-Dec-07 15:06	43
OEBDATABASE.QUEST_FG_APPLICATIONRESPONSETIME.FOP	LID_OEB2	Exists	2.0(x.x.x.x.x.x.x)	29-Nov-07 16:45	48
OEBDATABASE.QUEST_FG_APPLSYS.FOP	APPLSYS	Exists	2.1(x.x.x.x.x.x.x)	30-Nov-07 06:49	48
OEBDATABASE.QUEST_FG_APPS.FOP	APPS	Exists	2.1(x.x.x.x.x.x.x)	30-Nov-07 06:49	48
OEBDATABASE.QUEST_FG_ASP_PACKAGE.FOP	LID_OEB2	Exists	2.0(x.x.x.x.x.x.x)	29-Nov-07 16:45	48
OEBDATABASE.QUEST_FG_AVAILABILITY.FOP	LID_OEB2	Exists	2.0(x.x.x.x.x.x.x)	29-Nov-07 16:45	48
OEBDATABASE.QUEST_FG_COMMON.FOP	LID_OEB2	Exists	2.0(x.x.x.x.x.x.x)	29-Nov-07 16:45	48
OEBDATABASE.QUEST_FG_COMPLETEDPROGRAMWATCHER.FOP	LID_OEB2	Exists	2.0(x.x.x.x.x.x.x)	29-Nov-07 16:45	48
OEBDATABASE.QUEST_FG_COMPLETEDREQUESTS.FOP	LID_OEB2	Exists	2.0(x.x.x.x.x.x.x)	29-Nov-07 16:45	48
OEBDATABASE.QUEST_FG_COMPLETEDREQUESTSHISTORY.FOP	LID_OEB2	Exists	2.0(x.x.x.x.x.x.x)	04-Dec-07 15:06	43
OEBDATABASE.QUEST_FG_DUPLICATEREQUESTS.FOP	LID_OEB2	Exists	2.0(x.x.x.x.x.x.x)	29-Nov-07 16:45	48
OEBDATABASE.QUEST_FG_FULLSERVICEACTIVITY.FOP	LID_OEB2	Exists	2.0(x.x.x.x.x.x.x)	29-Nov-07 16:45	48
OEBDATABASE.QUEST_FG_FULLSERVICEACTIVITYACCUMULATIVE.FOP	LID_OEB2	Exists	2.0(x.x.x.x.x.x.x)	29-Nov-07 16:45	48
OEBDATABASE.QUEST_FG_FULLSERVICEHISTORY.FOP	LID_OEB2	Exists	2.0(x.x.x.x.x.x.x)	04-Dec-07 15:06	43
OEBDATABASE.QUEST_FG_GL.FOP	GL	Exists	2.0(x.x.x.x.x.x.x)	30-Nov-07 06:49	48

## Install - Package Check

The Foglight cartridge consists of a number of packages. This report lists all the required packages and their current status.

### Example Report

OEBS FOG V5.0 FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0) Foglight Install - Package Check For OEBS 12i Demo Application (Gary Piper) As at 17-Jan-08 (Thu) 08:45				
Package Name	Exists	Status	Created Date	Time Stamp
FOG_OEBS_ASP_PACKAGE	Exists	VALID	29-Nov-07 (Thu) 16:45	2007-11-29 16:45:21
Package Count: 1				

## Install - Synonym Check

The Foglight cartridge consists of a number of synonyms. This report lists all the required synonyms and their current status.

### Example Report

OEBS FOG V5.0 FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0) Foglight Install - Synonym Check For OEBS 12i Demo Application (Gary Piper) As at 17-Jan-08 (Thu) 09:26				
Synonym Name	Exists	Status	Created Date	Time Stamp
AD_APPLIED_PATCHES	Exists	VALID	29-Nov-07 (Thu) 16:45	2007-11-29 16:45:18
AD_APPL_TOPS	Exists	VALID	29-Nov-07 (Thu) 16:45	2007-11-29 16:45:18
AD_PATCH_DRIVERS	Exists	VALID	29-Nov-07 (Thu) 16:45	2007-11-29 16:45:18
AD_PATCH_RUNS	Exists	VALID	29-Nov-07 (Thu) 16:45	2007-11-29 16:45:18
FND_APPLICATION	Exists	VALID	29-Nov-07 (Thu) 16:45	2007-11-29 16:45:18
FND_CONCURRENT_PROCESSES	Exists	VALID	29-Nov-07 (Thu) 16:45	2007-11-29 16:45:18
FND_CONCURRENT_PROCESSORS	Exists	VALID	29-Nov-07 (Thu) 16:45	2007-11-29 16:45:18
FND_CONCURRENT_PROGRAMS	Exists	VALID	29-Nov-07 (Thu) 16:45	2007-11-29 16:45:18
FND_CONCURRENT_PROGRAMS_TL	Exists	VALID	29-Nov-07 (Thu) 16:45	2007-11-29 16:45:18
FND_CONCURRENT_QUEUES	Exists	VALID	29-Nov-07 (Thu) 16:45	2007-11-29 16:45:18
FND_CONCURRENT_REQUESTS	Exists	VALID	29-Nov-07 (Thu) 16:45	2007-11-29 16:45:18

## Install - Table Check

The Foglight cartridge consists of a number of tables. This report lists all the required tables and their current status.

## Example Report

OEBS-FOG-V5.0      FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0) Foglight Install - Table Check For OEBS 12i Demo Application (Gary Piper) As at 17-Jan-08 (Thu) 08:46				
Table Name	Exists	Status	Created Date	Time Stamp
AGENTMESSAGES	Exists	VALID	29-Nov-07 (Thu) 16:45	2007-11-29:16:45:19
QUEST_FG_ASP_AGEDACCOUNTS_T	Exists	VALID	29-Nov-07 (Thu) 16:45	2007-11-29:16:45:20
QUEST_FG_ASP_CR_LONG_RUN_EX_T	Exists	VALID	29-Nov-07 (Thu) 16:45	2007-11-29:16:45:21
QUEST_FG_ASP_CR_WATCH_UST_T	Exists	VALID	29-Nov-07 (Thu) 16:45	2007-11-29:16:45:21
QUEST_FG_ASP_DUPLICATE_EX_T	Exists	VALID	29-Nov-07 (Thu) 16:45	2007-11-29:16:45:20
QUEST_FG_ASP_HC_INDEXCHECK_T	Exists	VALID	29-Nov-07 (Thu) 16:45	2007-11-29:16:45:20
QUEST_FG_ASP_OAM_CHECKS_T	Exists	VALID	29-Nov-07 (Thu) 16:45	2007-11-29:16:45:21
QUEST_FG_ASP_OBJECT_MONITOR_T	Exists	VALID	29-Nov-07 (Thu) 16:45	2007-11-29:16:45:20

## Install - Type Check

The Foglight cartridge consists of a number of types. This report lists all the required types and their current status.

### Example Report

OEBS-FOG-V5.0      FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0) Foglight Install - Type Check For OEBS 12i Demo Application (Gary Piper) As at 17-Jan-08 (Thu) 08:47				
Type Name	Exists	Status	Created Date	Time Stamp
OEB_ACTIVE_ACCOUNTS_O_TBL	Exists	VALID	04-Dec-07 (Tue) 15:06	2007-12-04:15:06:40
OEB_ACTIVE_ACCOUNTS_O_TYPE	Exists	VALID	04-Dec-07 (Tue) 15:06	2007-12-04:15:06:39
OEB_AVAILABILITY_O_TBL	Exists	VALID	29-Nov-07 (Thu) 16:45	2007-11-29:16:45:33
OEB_AVAILABILITY_O_TYPE	Exists	VALID	29-Nov-07 (Thu) 16:45	2007-11-29:16:45:33
OEB_CR_COMPLETED_H_O_TBL	Exists	VALID	04-Dec-07 (Tue) 15:06	2007-12-04:15:06:43
OEB_CR_COMPLETED_H_O_TYPE	Exists	VALID	04-Dec-07 (Tue) 15:06	2007-12-04:15:06:43
OEB_CR_COMPLETED_O_TBL	Exists	VALID	29-Nov-07 (Thu) 16:45	2007-11-29:16:45:34
OEB_CR_COMPLETED_O_TYPE	Exists	VALID	29-Nov-07 (Thu) 16:45	2007-11-29:16:45:34

## Install - View Check

The Foglight cartridge consists of a number of views. This report lists all the required views and their current status.

### Example Report

OEBS-FOG-V5.0      FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0) Foglight Install - View Check For OEBS 12i Demo Application (Gary Piper) As at 17-Jan-08 (Thu) 08:47				
View Name	Exists	Status	Created Date	Time Stamp
FOG_FND_CONCURRENT_REQUESTS	Exists	VALID	29-Nov-07 (Thu) 16:45	2007-11-29:16:45:18
View Count: 1				

## Workflow Activity History

The Foglight cartridge detects long running workflows. In order to determine if a workflow is long running, the current runtime for workflows are compared to historical activity data held and updated by the Foglight cartridge. The following reports lists the reference runtimes for workflows run on the target application used by the Foglight cartridge.

## Example Report

OEBS-FOG-V5.0		FOGLIGHT FOR ORACLE E-BUSINESS SUITE (Ver 5.0.0) Foglight Reference History - Workflows Vision As at 20-Sep-07 (Thu) 10:47					
Workflow	Display Name	Sample Size	Runtime Statistics (Days)				STDDEV
			Total	Minimum	Average	Maximum	
XDPWFSTD	SFM Standard	15	10,843.0	476.0	729.5	975.0	200.2
CS_KB_WF	Knowledge Management Workflow Process	34	16,686.6	447.8	490.8	496.1	8.4
WFERROR	System: Error	418	187,228.1	139.3	447.9	1,197.4	304.0
ASXSLASW	Monitoring Engine Workflow	76	18,214.6	226.4	239.7	256.1	10.6
Workflows: 4							

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The site enables you to:

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- Obtain product notifications
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- Chat with a support engineer