IPSWITCH

WhatsUp Gold 2016

Event Log Management Reports

WhatsUpGold

IT MANAGEMENT MADE SIMPLE

Using Event Log Management (ELM) Reports in WhatsUp Gold

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In This Chapter

Event Log Management (ELM) Reports in WhatsUp Gold Overview

WhatsUp Gold version 16 and later provides integration with the Event Log Management central database. For access to ELM reports and data, you must also have ELM products, specifically WhatsUp Event Archiver and/or WhatsUp Event Alarm, configured to send collected log data to a MS SQL Server. WhatsUp Gold accesses report data through stored procedures in the ELM database.

ELM report integration supports the following six core log types:

- Application
- Directory service
- DNS server
- File replication service
- Security
- System

To view ELM data in WhatsUp Gold, you must first use the *ELM Configuration Integration tool* (on page 2) to add, select, or delete ELM database instances that WhatsUp Gold can access. If needed, you can use the configurator tool to work with multiple ELM database instances.

ELM data integration with WhatsUp Gold allows you to create the following types of reports:

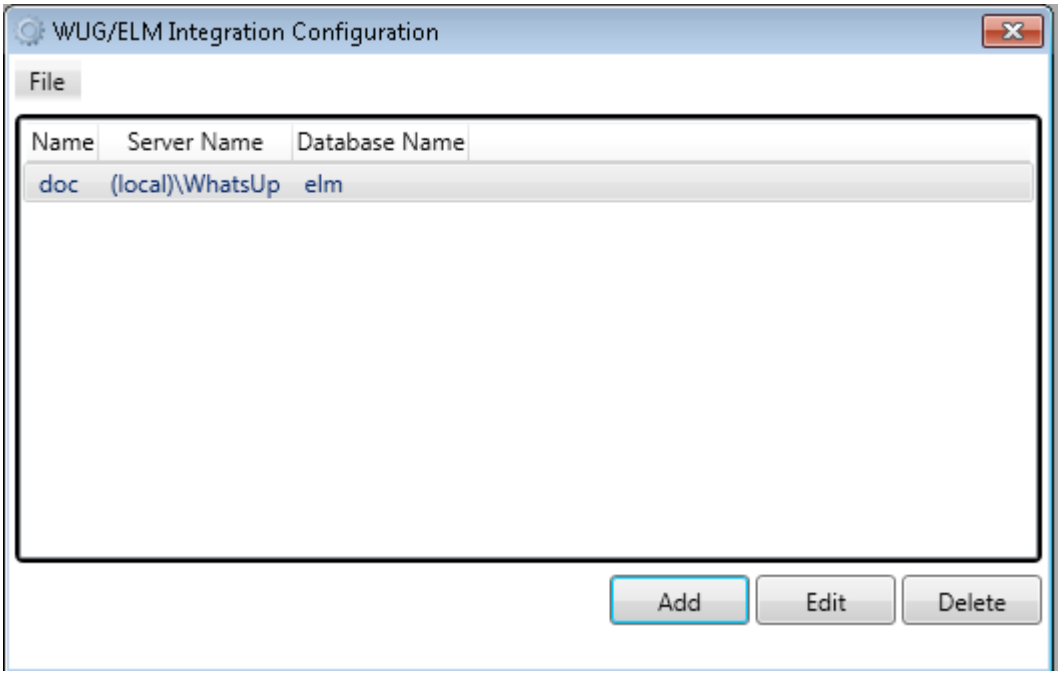
- *ELM Summary Dashboard Reports* (on page 4)
- *ELM Alarm Dashboard Reports* (on page 5)
- *ELM Plugin Full Reports* (on page 6)

Using the WhatsUp Gold (WUG)/(ELM) Integration Configuration Tool

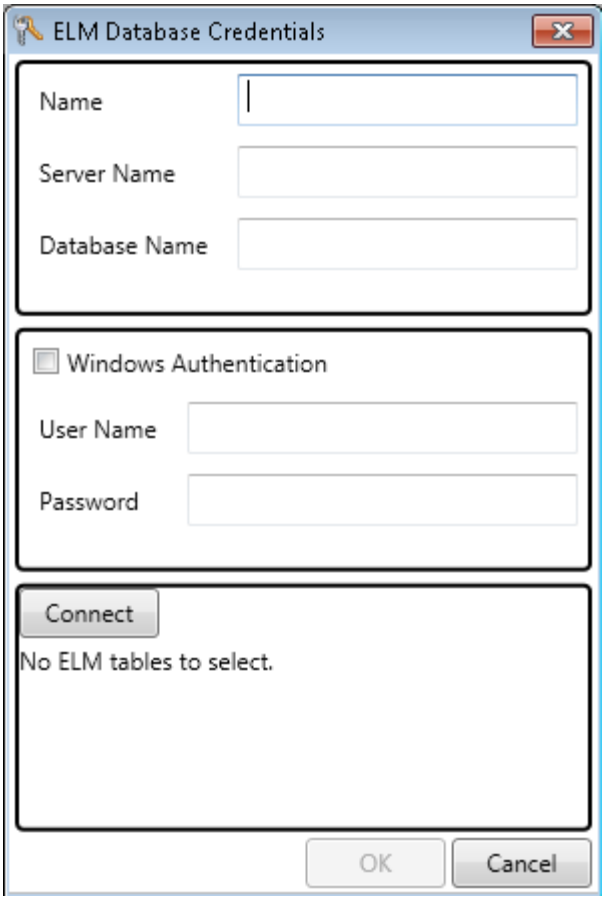
The ELM integration configuration tool allows you to manage your ELM database sources. For WhatsUp Gold to display ELM information, you must add ELM database instances to WhatsUp Gold using the ELM integration configuration tool, and then select the database instances for use in your WhatsUp Gold ELM reports.

To access the ELM integration configuration tool:

1 From the Windows Start menu, click **Programs** *or* **All Programs > Ipswitch WhatsUp Gold > Utilities > WhatsUp ELM Integration Tool**. The WUG/ELM Integration Configuration tool appears.



2 Click **Add** to add a database. The ELM Database Credentials dialog appears.



3 Complete the following boxes:

- **Name**. Type a name for your database source.
- **Server Name**. Type the hostname of the SQL server hosting the ELM database you want to add, as well as the instance name, if applicable.
- **Database Name**. Type the name of the database storing your ELM data.
- **Windows Authentication**. If you are using Windows authentication, select the check box. If deselected, the ELM Configurator connects using SQL authentication.
- **User Name**. Type the appropriate user name.
- **Password**. Type the password associated with the user name.

4 Click **Connect**. The database is accessed and any relevant ELM tables automatically display in the Integration Configuration tool interface.

5 Select the tables containing Event Alarm and Event Archiver data, choosing the appropriate product associated with each table.

Note: Select WhatsUp Event Archiver tables in the Event Archiver column, and select WhatsUp Event Alarm tables in the Event Alarm column. Only checked tables are automatically used to build reports within WhatsUp Gold.

6 Click **OK** to add the database source.

Note: To access the Summary Dashboard reports in WhatsUp Gold that display incoming detected alerts by WhatsUp Event Alarm, you must instruct WhatsUp Event Alarm to send detected events to a SQL Server database table.

To instruct WhatsUp Event Alarm to send detected events to a SQL Server database table:

1. Access the WhatsUp Event Alarm Control Panel.
2. Click the **Edit** menu, then click **Define Notifications**. The Define Notifications dialog box appears.
3. Select the **Database** option, **build an ODBC connection to your SQL Server**.
4. Type a table name for storing detected events.

As you add database sources, they display in the WUG/ELM Integration Configuration dialog. From here, you can:

- Add more database sources by clicking the **Add** button.
- Edit database information by selecting a database source and then clicking the **Edit** button.
- Delete a database source from the configuration tool by selecting the source and then clicking the **Delete** button.

Using ELM Summary reports

ELM summary dashboard reports display ELM Event Archiver-specific database table information. There are three different ELM summary reports:

- Summary Counts
- Failure Audits By Computer
- Failure Audits By User

The Summary Counts report displays the number of events associated with monitored computer and users accounts over a user-defined time frame, including critical events, warning events, and informational events.

- Click the **Monitored Computers** link to display the ELM Events by Computer report, which lists all computers in the ELM database tables and their associated number of events.
- Click the **User Accounts** link to display the number of Success Audits and Failure Audits associated with each username in the ELM database tables.

The Failure Audits By Computer report displays a list of failure audits over a user-defined time frame, associated with each computer being monitored by ELM. Click a computer name to see report details.

The Failure Audits By User reports displays a list of failure audits associated with each user being monitored by ELM, over a user-defined time frame. Click a username to see report details.

For information about configuring ELM summary reports, see *Configuring ELM Summary Reports* (on page 5).

For more information about dashboard reports, see *Adding dashboard reports to a dashboard view* in the WhatsUp Gold Help.

Configuring ELM Summary Reports

You can configure how ELM Summary reports display information.

To configure this dashboard report in WhatsUp Gold:

1. In the title bar of the dashboard report pane, click **Menu > Configure**. The Configure Report dialog appears.
2. Type or select the appropriate information for the following boxes.
   - **Report name**. Type a title for the dashboard report.
   - **Date Range**. Select a date range from which you want to view report information.
   - **Select an ELM database**. Use the list to select the ELM database from which you want to view report information.
3. Click **OK** to save changes.

Using ELM Alarm reports

ELM Alarm dashboard reports display ELM Event Alarm-specific database table information. There are three different ELM alarm reports:

- Critical Event Alarms
- Warning Event Alarms
- Informational Event Alarms

The Critical Event Alarms report displays a list of critical events along with event details present in the Event Alarm tables from a given SQL Server ELM database instance. Critical events include error and failure audit event types. To view the details associated with a critical event, click the **Event Information** link. The Event Alarm Description dialog appears, displaying a description of the critical event alarm.

The Warning Event Alarms report displays a list of warning events along with event details present in the Event Alarm tables from a given SQL Server ELM database instance. Warning events only include warning event types. To view the details associated with a warning event, click the **Event information** link. The Event Alarm Description dialog appears, displaying a description of the warning event alarm.

The Informational Event Alarms report displays a list of informational events along with event details present in the Event Alarm tables from a given SQL Server ELM database instance. Informational events include information and success audit event types. To view the details associated with an informational event, click the **Event Information** link. The Event Alarm Description dialog opens, displaying a description of the informational event alarm.

For information on configuring ELM Alarm reports, see *Configuring ELM Alarm Reports* (on page 6).

For more information about dashboard reports, see *Adding dashboard reports to a dashboard view* in the WhatsUp Gold Help.

Configuring ELM Alarm Reports

You can configure how ELM Alarm reports display information.

To configure this dashboard report in WhatsUp Gold:

1. In the title bar of the dashboard report pane, click **Menu > Configure**. The Configure Report dialog appears.
2. Type or select the appropriate information for the following boxes.
   - **Report name**. Type a title for the dashboard report.
   - **Column 5 width**. Type a width for the Event Information column (column 5) in pixels.
   - **Select an ELM database**. Use the list to select the ELM database from which you want to view report information.
3. Click **OK** to save changes.

ELM Plug-in Reports

ELM Plug-in reports display ELM Event Archiver-specific database information. You can access ELM plug-in reports by clicking the **Other Plugins** tab. There are two different ELM plug-in reports:

- ELM Events By Computer
- ELM Audits By User

The ELM Events By Computer report displays a list of computers with the total number of error events, warning events, and informational events within the selected time period. The report is sorted by computers with the most errors. This report is divided into two full reports: Errors/Warnings and Security events. Select the report you want to view by clicking the appropriate tab located in the upper left corner of the report.

The ELM Audits By User report displays a list of user accounts and their associated total number of success audits and failure audits for the selected time period. The report is sorted by the user account with the most failure audits.

To display ELM data in the Plugin reports, you must select an ELM database by using the link located to the right of the report title. Use this link to select and view data from different ELM data sources (if you have multiple data sources saved in the configuration integration tool).