

**Oracle® Communications
Performance Intelligence Center**

Alarm Configuration Guide

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CAUTION: Use only the guide downloaded from Oracle Help Center.

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Chapter 1: About This Help Text

Overview

Alarm Configuration, an application in the Network Software Platform Toolbox, enables the System Administrator to configure the detailed list displays and to help in monitoring the status of managed objects in such as these:

- Signaling links
- Linksets
- Signaling points
- Message Switches
- KPI
- Integrated Acquisition
- Probed Acquisition
- Mediation
- Troubleshooting

Scope and Audience

This user's manual provides information about the Alarm Configuration's graphical user interface to enable you to efficiently and effectively configure Alarm detailed lists display g. See Security Guide for specifics on access privileges for Alarm Configuration.

General Information

You can find general information about Oracle® Communications Performance Intelligence Center, such as product overview, list of other guides, workstation requirements, login and logout procedures, user preference settings, in the Quick Start Guide. This document is available from the Portal menu or can be downloaded from Oracle Help Center (OHC).

Chapter 2: Understanding Alarm Configuration

Menu Bar

The Menu Bar has single drop-down menus:

- **Alarm**
 - o **User manual** - a link to online help topics
 - o **About** - basic contact and version information

Alarm Configuration Functionality

Alarm Configuration is an application in the Management Application Toolbox, which is part of the Performance Intelligence Center solution.

This solution performs the following:

- Acquires network data for real-time events by surveying SS7 network elements, linksets, links, and applications
- Correlates and stores the data
- Raises alarms within Alarm

Alarm Configuration is used to configure the tools necessary for monitoring the following types of alarms:

- Alarms based on traffic supervision (Q.752)
- Alarms based on Quality of Service supervision (KPI)
- Alarms based on SS7 links (transmission, multiplexing)
- Alarms based on system errors (for system maintenance)
- Alarms based on Performance Intelligence Center software errors
- Alarms based on CPU and disk usage

A user with the role nspManager configures group tag of managed elements using Alarm Configuration.

Note: Do not use the Function Keys (F1 through F12) when using Management Application. Function keys work in unexpected ways. For example, the F1 key does not open Management Application help but opens the help for the browser in use. The F5 key does not refresh a specific screen, but refreshes the entire session and results in a loss of any entered information.

Configuration

Alarm Configuration enables users to configure a Network topology for monitoring network activity and handling alarms. You can define and manage network objects using detailed lists display. The Managed Objects include but are not limited to the following:

- DTO
- Data Broker Manager
- Mediation
- Message Switch
- KPI Session
- Probe ATM 155
- Subsystem
- Probed Acquisition or Integration Acquisition

Creating group tag

You can select list of Managed Objects into a group tag using Edit Group tag icon. 

Security

Access to the Alarm Configuration tool is role-based. For Management Application role descriptions, see Security Guide.

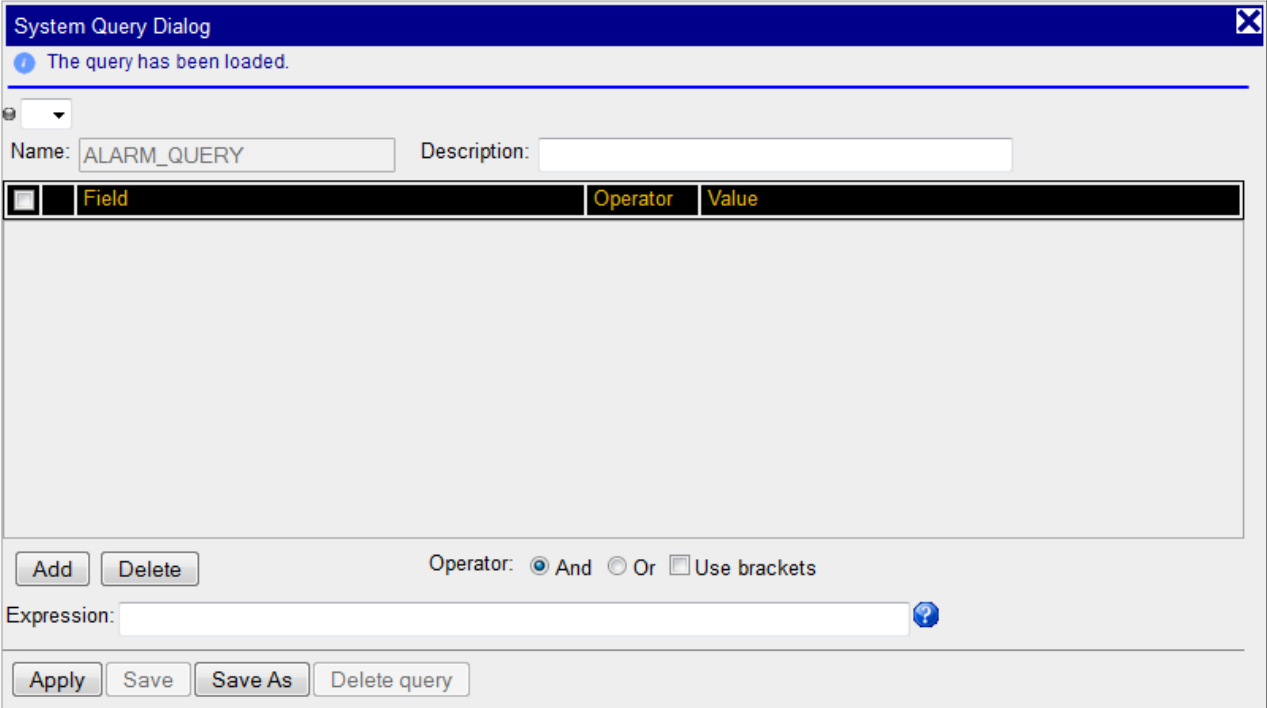
Managed Object Details List

The MO Details list is a list of all available Managed Objects with their corresponding Group tag. You can perform the following actions in the list:

- View a list of the configured tags with their corresponding Managed object name, Origin Id and MO class
- Assign new tag name to the Managed Object/s which are untagged.
- Edit tagged name of managed object/s to another name.
- Define and apply filters for the list
- Refresh the view to see the most current list of group tags corresponding to their MO.
- Export current list
- Print current list
- Set the number of records to view per page

Filters in the MO details List

From the list, you can access the Filter dialog, which enables you to define filters for the list.



The image shows a 'System Query Dialog' window. At the top, a status bar indicates 'The query has been loaded.' Below this, there is a dropdown menu and two text input fields: 'Name: ALARM_QUERY' and 'Description:'. A table with three columns is visible: 'Field', 'Operator', and 'Value'. Below the table, there are buttons for 'Add' and 'Delete', and a section for 'Operator' with radio buttons for 'And' (selected) and 'Or', and a checkbox for 'Use brackets'. At the bottom, there is an 'Expression:' text input field and a row of buttons: 'Apply', 'Save', 'Save As', and 'Delete query'.

Figure 1 : Filter Dialog

Icons in the Managed Objects details List

Icon	Description
	Navigation icon - to move from one record to another << is for first page < is for previous page > is for next page >> is for last page
	Filter - to define filters for the list
	Refresh - to refresh the page to show the most current list
	Records per Page - to set the number of records to view per page
	Set Size - to refresh the page to reflect the number entered in Records Per Page
	Select Column - to Add/Remove the columns in the displayed list. You can also vary the position of the columns in the list using this option.
	Export -- to provide option to export list getting displayed.
	Print – to provide facility to print current list.
	Edit group tag – To tag Managed object/s with new tag or edit the existing one.

Table 1 : Icons in MO List Toolbar

Columns in MO List

Column Name	Description
Group tag	List of Group tag name for corresponding Managed object. For untagged Managed object the Group tag name is blank represented by ' '
Origin Oid	It displays the managed object instance OID where an event occurred
ManagedObject Class	class name of the managed object instance
ManagedObject	Managed object name

Table 2 : Columns in MO Details List

Chapter 3: Using Alarm Configuration

Accessing Alarm Viewer

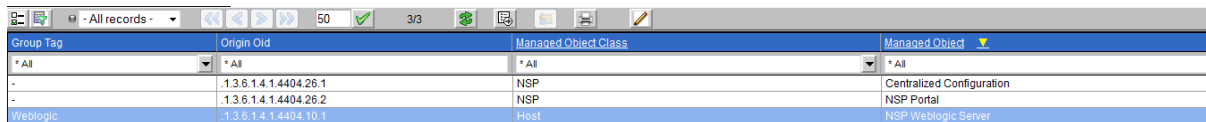
To access and log in to Alarm Configuration, follow these steps:

- Log in to Management Application using your Web browser. The Application board is displayed.
- Click Alarm in the Configuration group.
- The Alarm Configuration page is displayed, with the Managed Object Details list active by default.

Viewing Alarm Details

To open a detailed list of alarms, perform:

- From the Management Application Configuration board, click Alarm. The MO details list and Portal Menu bar are displayed.



Group Tag	Origin Old	Managed Object Class	Managed Object
* All	* All	* All	* All
-	.1.3.6.1.4.1.4404.26.1	NSP	Centralized Configuration
-	.1.3.6.1.4.1.4404.26.2	NSP	NSP Portal
Weblogic	.1.3.6.1.4.1.4404.10.1	Host	NSP Weblogic Server

Figure 2: Managed Object Details List

Add or Edit the Group tag for Managed Object/s

Add or Edit the Group tag means tagging Managed Object/s with new name or changing the existing one.

Adding tag for MO/s

- Select the Untagged Managed Object/s which needs to be tagged.
- Click the edit group tag icon  on the toolbar.
- The Group tag dialog pops up.
- Enter Name of Group tag and click OK.
- List refreshes to display the changed name of Group tag from blank '-' to the new name.

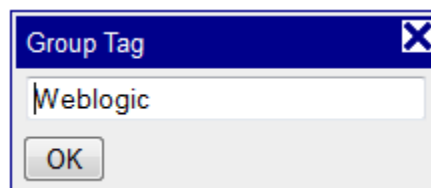


Figure 3: Group Tag Dialog

Note: You can perform for multiple selections of managed objects using 'Ctrl' or 'Ctrl + Shift' buttons.

Edit existing Group tag

- Select the tagged Managed Object/s which needs to be edited.
- Click the edit group tag icon  on the toolbar.
- The Group tag dialog pops up.
- Enter new name of Group tag and click OK.

- List refreshes to display the changed name of Group tag from their old group tag name to the new name for all selected Managed Objects.

Note: You can perform for multiple selections of managed objects using 'Ctrl' or 'Ctrl + Shift' buttons.

Sorting Columns in the List

You can sort records in ascending or descending order in the MO tables by clicking the column header. A small yellow arrow is displayed, indicating in which direction the column is sorted.

Closing Alarm Configuration

To close Alarm Configuration, click Home to return to the Management Application Portal page or click Logout to exit Management Application.

Appendix A: My Oracle Support

MOS (<https://support.oracle.com>) is your initial point of contact for all product support and training needs. A representative at Customer Access Support (CAS) can assist you with MOS registration.

Call the CAS main number at 1-800-223-1711 (toll-free in the US), or call the Oracle Support hotline for your local country from the list at <http://www.oracle.com/us/support/contact/index.html>.

When calling, make the selections in the sequence shown below on the Support telephone menu:

1. Select 2 for New Service Request
2. Select 3 for Hardware, Networking and Solaris Operating System Support
3. Select 2 for Non-technical issue

You will be connected to a live agent who can assist you with MOS registration and provide Support Identifiers. Simply mention you are a Tekelec Customer new to MOS.

MOS is available 24 hours a day, 7 days a week.