



# **Description of alert windows and dialog boxes**

## **Active IQ Unified Manager**

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# Description of alert windows and dialog boxes

You should configure alerts to receive notifications about events by using the Add Alert dialog box. You can also view the list of alerts from the Alert Setup page.

## Alert Setup page

The Alert Setup page displays a list of alerts and provides information about the alert name, status, notification method, and notification frequency. You can also add, edit, remove, enable, or disable alerts from this page.

You must have the Application Administrator or Storage Administrator role.

### Command buttons

- **Add**

Displays the Add Alert dialog box, which enables you to add new alerts.

- **Edit**

Displays the Edit Alert dialog box, which enables you to edit selected alerts.

- **Delete**

Deletes the selected alerts.

- **Enable**

Enables the selected alerts to send notifications.

- **Disable**

Disables the selected alerts when you want to temporarily stop sending notifications.

- **Test**

Tests the selected alerts to verify their configuration after being added or edited.



- **Alerts for Resolved and Obsolete Events**

Allows you to enable or disable the sending of alerts when events are moved to the Resolved or Obsolete states. This can help users from receiving unnecessary notifications.

### List view

The list view displays, in tabular format, information about the alerts that are created. You can use the column filters to customize the data that is displayed. You can also select an alert to view more information about it in the details area.

- **Status**

Specifies whether an alert is enabled () or disabled (.

- **Alert**

Displays the name of the alert.

- **Description**

Displays a description for the alert.

- **Notification Method**

Displays the notification method that is selected for the alert. You can notify users through email or SNMP traps.

- **Notification Frequency**

Specifies the frequency (in minutes) with which the management server continues to send notifications until the event is acknowledged, resolved, or moved to the Obsolete state.

## Details area

The details area provides more information about the selected alert.

- **Alert Name**

Displays the name of the alert.

- **Alert Description**

Displays a description for the alert.

- **Events**

Displays the events for which you want to trigger the alert.

- **Resources**

Displays the resources for which you want to trigger the alert.

- **Includes**

Displays the group of resources for which you want to trigger the alert.

- **Excludes**

Displays the group of resources for which you do not want to trigger the alert.

- **Notification Method**

Displays the notification method for the alert.

- **Notification Frequency**

Displays the frequency with which the management server continues to send alert notifications until the event is acknowledged, resolved, or moved to the Obsolete state.

- **Script Name**

Displays the name of the script associated with the selected alert. This script is executed when an alert is generated.

- **Email Recipients**

Displays the email addresses of users who receive the alert notification.

## Add Alert dialog box

You can create alerts to notify you when a particular event is generated, so that you can address the issue quickly and thereby minimize impact to your environment. You can create alerts for a single resource or a set of resources, and for events of a particular severity type. You can also specify the notification method and frequency of the alerts.

You must have the Application Administrator or Storage Administrator role.

### Name

This area enables you to specify a name and description for the alert:

- **Alert Name**

Enables you to specify an alert name.

- **Alert Description**

Enables you to specify a description for the alert.

### Resources

This area enables you to select an individual resource or group the resources based on a dynamic rule for which you want to trigger the alert. A *dynamic rule* is the set of resources filtered based on the text string you specify. You can search for resources by selecting a resource type from the drop-down list or you can specify the exact resource name to display a specific resource.

If you are creating an alert from any of the storage object details pages, the storage object is automatically included in the alert.

- **Include**

Enables you to include the resources for which you want to trigger alerts. You can specify a text string to group resources that match the string and select this group to be included in the alert. For example, you can group all volumes whose name contains the "abc" string.

- **Exclude**

Enables you to exclude resources for which you do not want to trigger alerts. For example, you can exclude all volumes whose name contains the "xyz" string.

The Exclude tab is displayed only when you select all resources of a particular resource type: for example,

<<All Volumes>> or <<All Volumes whose name contains 'xyz'>>.

If a resource conforms to both the include and exclude rules that you have specified, the exclude rule takes precedence over the include rule and the alert is not generated for the event.

## Events

This area enables you to select the events for which you want to create the alerts. You can create alerts for events based on a particular severity or for a set of events.

To select more than one event, you should hold down the Ctrl key while you make your selections.

- **Event Severity**

Enables you to select events based on the severity type, which can be Critical, Error, or Warning.

- **Event Name Contains**

Enables you to select events whose name contains specified characters.

## Actions

This area enables you to specify the users that you want to notify when an alert is triggered. You can also specify the notification method and the frequency of notification.

- **Alert these users**

Enables you to specify the email address or user name of the user to receive notifications.

If you modify the email address that is specified for the user and reopen the alert for editing, the Name field appears blank because the modified email address is no longer mapped to the user that was previously selected. Also, if you have modified the email address of the selected user from the Users page, the modified email address is not updated for the selected user.

- **Notification Frequency**

Enables you to specify the frequency with which the management server sends notifications until the event is acknowledged, resolved, or moved to the obsolete state.

You can choose the following notification methods:

- Notify only once
- Notify at a specified frequency
- Notify at a specified frequency within the specified time range

- **Issue SNMP trap**

Selecting this box enables you to specify whether SNMP traps should be sent to the globally configured SNMP host.

- **Execute Script**

Enables you to add your custom script to the alert. This script is executed when an alert is generated.



If you do not see this capability available in the user interface it is because the functionality has been disabled by your administrator. If required, you can enable this functionality from **Storage Management > Feature Settings**.

## Command buttons

- **Save**

Creates an alert and closes the dialog box.

- **Cancel**

Discards the changes and closes the dialog box.

## Edit Alert dialog box

You can edit alert properties such as the resource with which the alert is associated, events, script, and notification options.

### Name

This area enables you to edit the name and description for the alert.

- **Alert Name**

Enables you to edit the alert name.

- **Alert Description**

Enables you to specify a description for the alert.

- **Alert State**

Enables you to enable or disable the alert.

### Resources

This area enables you to select an individual resource or group the resources based on a dynamic rule for which you want to trigger the alert. You can search for resources by selecting a resource type from the drop-down list or you can specify the exact resource name to display a specific resource.

- **Include**

Enables you to include the resources for which you want to trigger alerts. You can specify a text string to group resources that match the string and select this group to be included in the alert. For example, you can group all volumes whose name contains the “vol0” string.

- **Exclude**

Enables you to exclude resources for which you do not want to trigger alerts. For example, you can exclude all volumes whose name contains the “xyz” string.



The Exclude tab is displayed only when you select all resources of a particular resource type—for example, <<All Volumes>> or <<All Volumes whose name contains 'xyz'>>.

## Events

This area enables you to select the events for which you want to trigger the alerts. You can trigger an alert for events based on a particular severity or for a set of events.

- **Event Severity**

Enables you to select events based on the severity type, which can be Critical, Error, or Warning.

- **Event Name Contains**

Enables you to select events whose name contains the specified characters.

## Actions

This area enables you to specify the notification method and the frequency of notification.

- **Alert these users**

Enables you to edit the email address or user name, or specify a new email address or user name to receive notifications.

- **Notification Frequency**

Enables you to edit the frequency with which the management server sends notifications until the event is acknowledged, resolved, or moved to the obsolete state.

You can choose the following notification methods:

- Notify only once
- Notify at a specified frequency
- Notify at a specified frequency within the specified time range

- **Issue SNMP trap**

Enables you to specify whether SNMP traps should be sent to the globally configured SNMP host.

- **Execute Script**

Enables you to associate a script with the alert. This script is executed when an alert is generated.

## Command buttons

- **Save**

Saves the changes and closes the dialog box.

- **Cancel**



Discards the changes and closes the dialog box.

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