

How to Configure Basic, Severity, and Notification Settings for Events

<https://campus.barracuda.com/doc/48203105/>

It is recommended to modify the default configuration for the events. You can modify the severity, notification, event propagation, and persistence of each event. Events are identified by ID numbers and classified by the severity class as security or operational events.

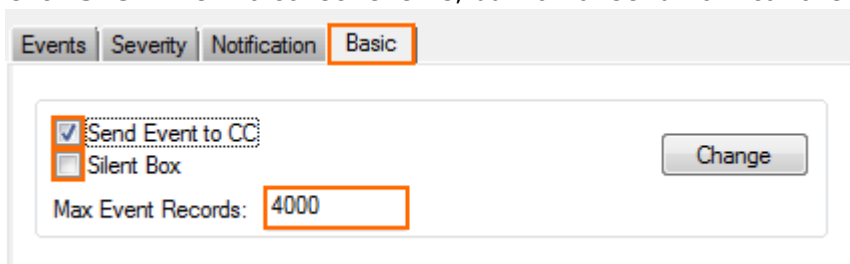
- **Security Events** - ID 1, 2, 3
- **Operative Events** - ID 6, 7, 8

Before you begin

Look up the event IDs you want to change. For more information, see [Operational Events](#) and [Security Events](#).

Step 1. Configure basic settings

1. Go to **CONFIGURATION > Full Configuration > Box > Infrastructure Services > Eventing**.
2. Click **Lock**.
3. Click on the **Basics** tab.
4. To disable forward events to a Control Center, clear the **Send Event to Control Center** check box.
5. Click **Silent Box** to collect events, but to not send notifications.



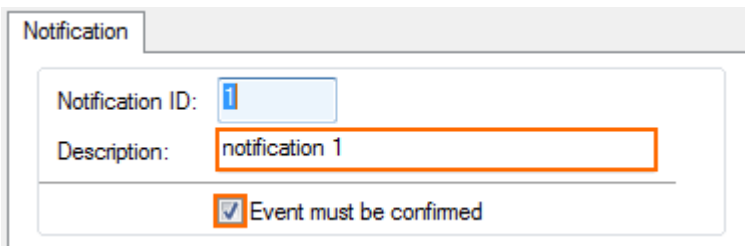
The screenshot shows the configuration interface for the 'Basic' tab. The 'Basic' tab is selected. The 'Send Event to CC' checkbox is checked, and the 'Silent Box' checkbox is unchecked. The 'Max Event Records' field is set to 4000. A 'Change' button is visible.

6. Enter the maximum number of events in the **Max Event Records**. Records exceeding this limit are dropped.
7. Click **Send Changes** and **Activate**.

Step 2. Configure event notification settings

Five notifications IDs are available. Configure the notification types that each notification ID sends. To avoid being flooded by notifications, configure thresholds.

1. Go to **CONFIGURATION > Full Configuration > Box > Infrastructure Services > Eventing**.
2. Click **Lock**.
3. Click on the **Notifications** tab.
4. Double-click the notification ID you want to edit. The **Detail** window opens.
5. (optional) Modify the **Description**.
6. Click the **Event must be confirmed** check box to require the admin to acknowledge and mark the event as read in the **EVENTS** tab.



Notification

Notification ID: 1

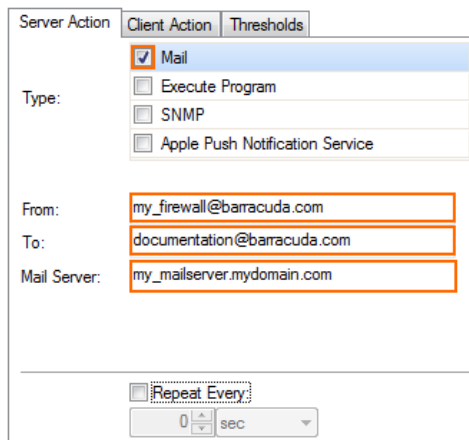
Description: notification 1

Event must be confirmed

7. In the **Server Action** tab, configure the event notifications carried out by the firewall:

1. Select and configure the sever action **Types**:

- **Mail** – Send an email notification using **To**, **From**, and **Mail Server** settings.



Server Action Client Action Thresholds

Mail

Type: Execute Program SNMP Apple Push Notification Service

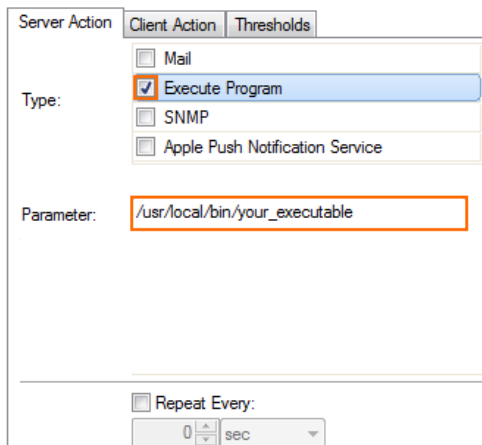
From: my_firewall@barracuda.com

To: documentation@barracuda.com

Mail Server: my_mailserver.mydomain.com

Repeat Every: 0 sec

- **Execute Program** – Executes a script or other executable on the firewall. Enter the executable including the full path as the **Parameter**.



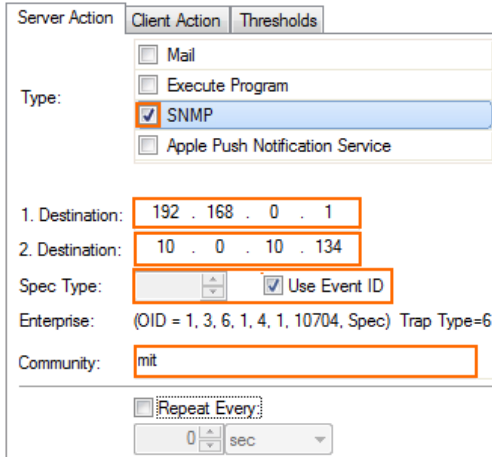
Server Action Client Action Thresholds

Type: Execute Program Mail SNMP Apple Push Notification Service

Parameter: /usr/local/bin/your_executable

Repeat Every: 0 sec

- **SNMP** – To send SNMP traps to a SNMP server, configure up to two SNMP servers and the **SNMP Community** and **Spec Type** settings.



Server Action Client Action Thresholds

Type:

Mail

Execute Program

SNMP

Apple Push Notification Service

1. Destination: 192 . 168 . 0 . 1

2. Destination: 10 . 0 . 10 . 134

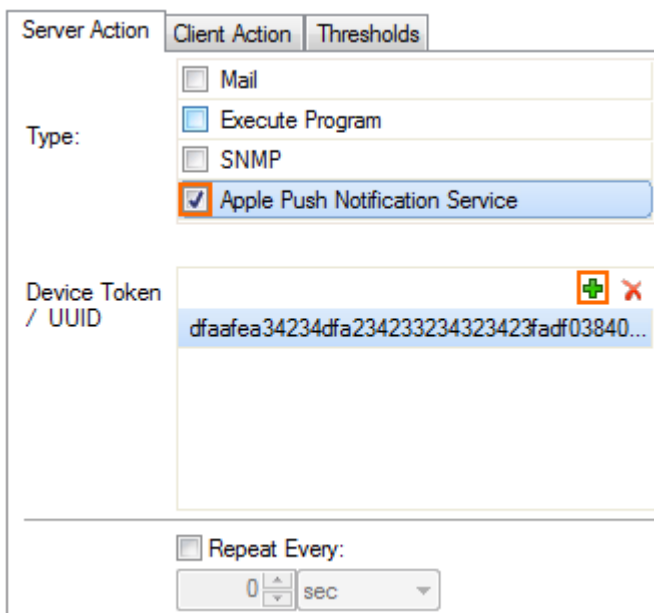
Spec Type: Use Event ID

Enterprise: (OID = 1, 3, 6, 1, 4, 1, 10704, Spec) Trap Type=6

Community: mit

Repeat Every: 0 sec

- **Apple Push Notification Service** – To send push notifications to your iOS device running NextGen Remote, enter the **Device token** displayed by the NextGen Remote. You can add multiple iOS devices. For more information, see [Barracuda NextGen Remote](#).



Server Action Client Action Thresholds

Type:

Mail

Execute Program

SNMP

Apple Push Notification Service

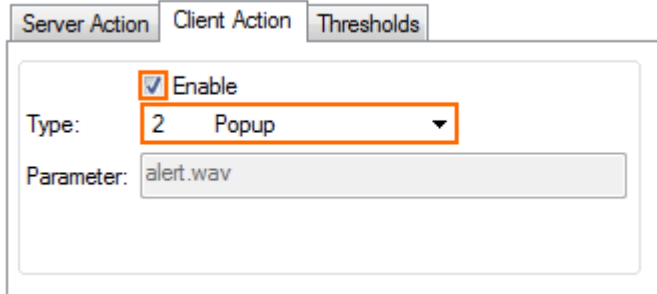
Device Token / UUID: dfaafea34234dfa234233234323423fadf03840...

Repeat Every: 0 sec

- To periodically repeat the notifications until the event is read, click the **Repeat Every** check box and configure the timespan between notifications.
- Click **OK**.
- For a Control Center, add an Access Rule to permit traffic on port 2195 TCP to the Apple APN servers. For more information about how to add an Access Rule, see [How to Create a Pass Access Rule](#).
- (optional) Click the **Client Action** tab. The **EVENTS** tab on the NextGen Admin must be set to **LIVE** for these notifications to be executed.
 - Click the **Enable** check box.
 - Select the **Type**:
 - **Popup** – A pop-up window opens for each notification on the client running

NextGen Admin.

- **Audio Alert** - A WAV audio file is played.



Server Action Client Action Thresholds

Enable

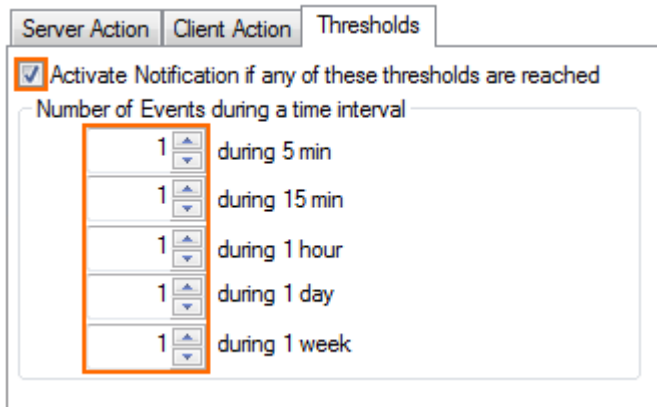
Type: 2 Popup

Parameter: alert.wav

3. Click **OK**.

9. Click the **Thresholds** tab.

1. Click the check box to enable these thresholds before activating the notification.
2. Enter how often the notifications are sent for each timespan.



Server Action Client Action Thresholds

Activate Notification if any of these thresholds are reached

Number of Events during a time interval

1	during 5 min
1	during 15 min
1	during 1 hour
1	during 1 day
1	during 1 week

3. Click **OK**.

10. Click **Send Changes** and **Activate**.

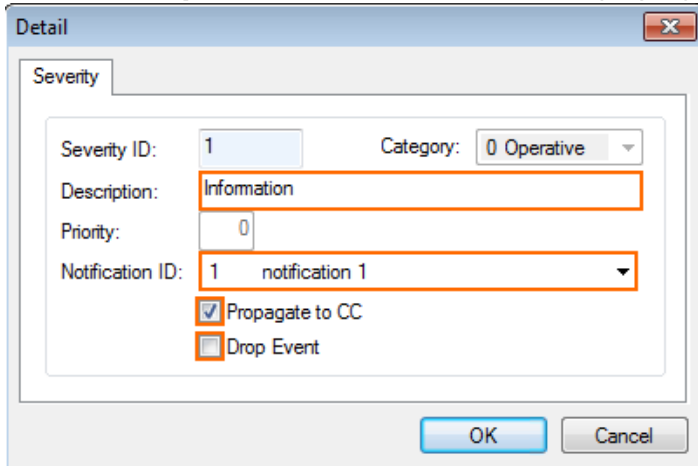
Repeat this step until all notification IDs are configured to match your needs.

Step 3. Modify event severity settings

Modify the notification type for the severity category and if it is forwarded to the Control Center (only when the firewall is managed).

1. Go to **CONFIGURATION > Full Configuration > Box > Infrastructure Services > Eventing**.
2. Click **Lock**.
3. Click on the **Severity** tab.
4. Double-click on the severity ID you want to edit. The **Detail** window opens.
5. (optional) Modify the **Description**.
6. From the **Notification ID** list, select the notification.
7. To forward the event to the Control Center, click the **Propagate to CC** check box.

- Click the **Drop Event** check box to avoid displaying these events in the **Events** tab.



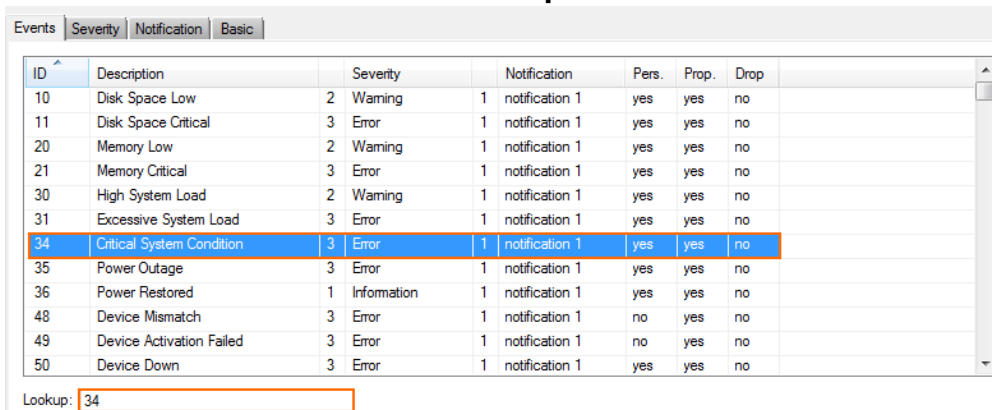
- Click **OK**.

Repeat this step until all severity IDs are configured to match your needs.

Step 4. Modify the event default severity and notification IDs

Modify the severity and notification event IDs selected by default for the events.

- Go to **CONFIGURATION > Full Configuration > Box > Infrastructure Services > Eventing**.
- Enter the **ID** for the events in the **Lookup** field.



- Double-click the highlighted event. The **Detail** window opens.
- Select the **Severity ID**.
- Select the **Notification ID**. Select **from severity** to use the default notification ID for the severity.
- Click the **Persistent** check box to forward the event only once to the Control Center, even if it occurs multiple times.
- Click the **Propagate to CC** check box to forward the event to the Control Center. This setting overrides the setting in the basic and severity configurations.
- Click the **Drop Event** check box to drop the event.

Event

Event ID:

Description:

Severity ID: Error

Notification ID: from severity

Comment:

Persistent
 Propagate to CC
 Drop Event

9. Click **OK**.
10. Click **Send Changes** and **Activate**.

Figures

1. events_03.png
2. events_04.png
3. events_05.png
4. events_06.png
5. events_07.png
6. events_08.png
7. events_08a.png
8. events_09.png
9. events_02.png
10. events_01.png
11. events_10.png

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