

## How to Configure Event Settings

<https://campus.barracuda.com/doc/43847003/>

Each Event is assigned a severity level. The severity defines how urgent or critical an event is. Security events are classified by a severity ID of 1, 2, or 3. Operative events are classified by a severity ID of 6, 7, or 8. You can also configure a server or client action (such as executing a program or sending emails and SNMP traps) to be performed when the event occurs and specify whether a specific event or all events should be propagated to a Barracuda NG Control Center.

### In this article:

## Configure Event Settings

1. Go to **CONFIGURATION > Full Configuration > Box > Infrastructure Services > Eventing**.
2. Click **Lock**.
3. Specify your event settings.
  1. To search for a specific event, enter its ID number in the **Lookup** field at the bottom of the page.
  2. To edit an event, select it and then click **Change**. You can also double-click the event entry.
4. Click **Send Changes** and **Activate**.

## Event Settings

### Events Tab

Setting	Description
<b>Event ID</b>	The event ID.
<b>Description</b>	The event description is written to the event monitor and to logging facilities and is sometimes extended by additional information in case the event may be triggered by multiple processes.
<b>Severity ID</b>	The severity level that has been assigned to the event. Severity categories range from informational events to security events.
<b>Notification ID</b>	The effective notification setting that applies to the event.
<b>Comment</b>	The notification description.

<b>Persistent</b>	To prevent events from being forwarded multiple times, select this check box. Each event is only forwarded to the Barracuda NG Control Center once, even if it occurs multiple times. The event can only be forwarded to the Barracuda NG Control Center again after it is deleted. This setting is only of interest on Barracuda NG Control Center-administered systems.
<b>Propagate to CC</b>	To enable propagation of the event to a Barracuda NG Control Center, select this check box. This setting overrules any conflicting settings from the <b>Severity</b> tab.
<b>Drop Event</b>	To drop the event so that it is not entered in the local database or propagated, select this check box. Events that have been marked as <b>Drop Event</b> are displayed in <b>black bold italics</b> .

**Severity Tab**

Setting	Description
<b>Severity ID</b>	The severity ID. When assigning the severity to an event, select this severity ID in the event settings.
<b>Propagate to CC</b>	To enable the forwarding of events using this severity level to a Barracuda NG Control Center, select this check box. This setting may be overruled by customized settings for events from the <b>Events</b> tab.
<b>Drop Event</b>	If enabled, events using this severity are not stored in the local event database of the Barracuda NG Firewall or forwarded to a Barracuda NG Control Center. When a severity has the <b>Drop Event</b> check box selected, all events with this severity are displayed in <i>italics</i> .

Changing the **Severity ID** has no effect on how events are displayed. But when set to **0**, the severity is displayed in *red italics*, and all events with this severity assigned change to *italics* in the **Events** tab.

**Notification Tab**

Setting	Description			
<b>Event must be confirmed</b>	The assigned event remains in alarm status until it is confirmed by the administrator.			
<b>Server Action</b>	<p>From this tab, you can specify an action to be performed by the Barracuda NG Firewall when the assigned event occurs. After selecting the <b>Enable</b> check box, you can select and configure one of the following action types:</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%; vertical-align: top;"> <p><b>Mail</b> - Sends an email.</p> <div style="border: 1px solid #ccc; padding: 5px;"> <p>Server Action Client Action Thresholds</p> <p><input checked="" type="checkbox"/> Enable</p> <p>Type: 1 Mail</p> <p>From: box@company.com</p> <p>To: e.example@company.com</p> <p>Mail Server: 10.0.0.17</p> <p><input type="checkbox"/> Repeat Every: 0 sec</p> </div> </td> <td style="width:33%; vertical-align: top;"> <p><b>Execute Program</b> - Executes an application on the Barracuda NG Firewall or Barracuda Control Center.</p> <div style="border: 1px solid #ccc; padding: 5px;"> <p>Server Action Client Action Thresholds</p> <p><input checked="" type="checkbox"/> Enable</p> <p>Type: 2 Execute Program</p> <p>Parameter: /tmp/executable</p> <p><input type="checkbox"/> Repeat Every: 0 sec</p> </div> </td> <td style="width:33%; vertical-align: top;"> <p><b>SNMP</b> - Triggers an SNMP trap.</p> <div style="border: 1px solid #ccc; padding: 5px;"> <p>Server Action Client Action Thresholds</p> <p><input checked="" type="checkbox"/> Enable</p> <p>Type: 3 SNMP</p> <p>Destination: 10 . 0 . 3 . 90</p> <p>Spec Type: <input type="checkbox"/> Use Event ID</p> <p>Enterprise: (OID = 1, 3, 6, 1, 4, 1, 10704, Spec) Trap Type=6</p> <p>Community: mil</p> <p><input type="checkbox"/> Repeat Every: 0 sec</p> </div> </td> </tr> </table>	<p><b>Mail</b> - Sends an email.</p> <div style="border: 1px solid #ccc; padding: 5px;"> <p>Server Action Client Action Thresholds</p> <p><input checked="" type="checkbox"/> Enable</p> <p>Type: 1 Mail</p> <p>From: box@company.com</p> <p>To: e.example@company.com</p> <p>Mail Server: 10.0.0.17</p> <p><input type="checkbox"/> Repeat Every: 0 sec</p> </div>	<p><b>Execute Program</b> - Executes an application on the Barracuda NG Firewall or Barracuda Control Center.</p> <div style="border: 1px solid #ccc; padding: 5px;"> <p>Server Action Client Action Thresholds</p> <p><input checked="" type="checkbox"/> Enable</p> <p>Type: 2 Execute Program</p> <p>Parameter: /tmp/executable</p> <p><input type="checkbox"/> Repeat Every: 0 sec</p> </div>	<p><b>SNMP</b> - Triggers an SNMP trap.</p> <div style="border: 1px solid #ccc; padding: 5px;"> <p>Server Action Client Action Thresholds</p> <p><input checked="" type="checkbox"/> Enable</p> <p>Type: 3 SNMP</p> <p>Destination: 10 . 0 . 3 . 90</p> <p>Spec Type: <input type="checkbox"/> Use Event ID</p> <p>Enterprise: (OID = 1, 3, 6, 1, 4, 1, 10704, Spec) Trap Type=6</p> <p>Community: mil</p> <p><input type="checkbox"/> Repeat Every: 0 sec</p> </div>
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<p>You can also specify how often the action is repeated until the event is confirmed by the administrator. Select the <b>Repeat Every</b> check box and then specify the interval in which the action is repeated. You can only specify this setting if the <b>Event must be confirmed</b> check box is also selected.</p>				

<b>Client Action</b>	<p>From this tab, you can enable an action to be performed by the MS Windows client that Barracuda NG Admin is running on when the assigned event occurs.</p> <p>Client actions are only performed when the <a href="#">EVENTS Tab</a> is set to <b>Live</b> mode.</p> <ul style="list-style-type: none"> <li>• <b>Audio Alert</b> - Plays a *.wav audio file.</li> <li>• <b>Popup</b> - Opens a pop-up window on the MS Windows client that the Barracuda NG Admin application is running on.</li> </ul>
<b>Thresholds</b>	<p>From this tab, you can define how often the assigned event must occur in a specific time period before the specified server or client action for the notification is performed. To specify the thresholds for event notifications, you must also select the <b>Activate Notification if any of these thresholds are reached</b> check box.</p>

### Basic Tab

<b>Setting</b>	<b>Description</b>
<b>Send Event to CC</b>	If enabled, Barracuda NG Firewalls that are managed by a Barracuda NG Control Center will forward their events to the Barracuda NG Control Center. This includes events that are generated by the Barracuda NG Control Center itself. This setting overrides conflicting settings from the <b>Events</b> or <b>Severity</b> tab.
<b>Silent Box</b>	If enabled, event alarms are disabled but event collection is still performed.
<b>Max Event Records</b>	Defines the maximum number of events that are displayed on the <b>Events</b> page. When this limit is reached, new events are not recorded on the <b>Events</b> page. It is recommended that you regularly delete old events and refer to the <b>Logs</b> and <b>Statistics</b> pages to view past events.

## Figures

1. s\_mail.png
2. s\_exe.png
3. s\_snmp.png

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