

Adding a Monitor for SNMP Traps

<https://campus.barracuda.com/doc/90443509/>

An **SNMP Trap** monitor checks messages received (or trapped) from devices. Traps are the logical equivalent to an alert from the vendor's perspective, so they are important to consider when designing your own monitoring policies or considering how to customize your own monitors.

Onsite Manager has to be defined as an **SNMP Trap receiver** on the devices being monitored.

What You Can Do

You can

- find out when a network device detects potential intrusions
- be notified when a redundant Internet connection has been enabled

To add a monitor for an SNMP Trap

1. In Service Center, click **Configuration > Monitor & Alert Rules**.
2. From the **Site** list, select the site where the device is located.
3. From the **Device** list, select the device to which you want to add a monitor.
4. Click **Add Monitor**.
5. Select **SNMP Traps** from the list.
6. Click **Add Monitor**.
7. In the **Monitor** tab, type a title for the monitor.
8. Optionally, type a description for the monitor.
9. Ensure the **Enabled** check box is selected.
10. From the **Generic Type** list, select one of the following:
 - (All)** Use to monitor all traps.
 - Cold Start** Use to monitor when the **SNMP** device boots.
 - Warm Start** Use to monitor when the **SNMP** device reboots.
 - Link Down** Use to monitor when a **network interface card (NIC)** fails.
 - Link Up** Use to monitor when a **network interface card (NIC)** reinitializes.
 - Authentication Failure** Use to monitor when an **SNMP** device gets a request from an unrecognized community name.
 - EGP Neighbor Loss** Use to monitor when communication with the **EGP (Exterior Gateway Protocol)** peer fails.
 - Enterprise Specific** Use to monitor vendor-specific error conditions and error codes. In **Enterprise OID**, enter the id.

The **Enterprise Specific** field supports both exact matches and matches that start with what you type. For example, typing `1.3.6.1.4.1.6876` includes `1.3.6.1.4.1.6876` as well as

all the OIDs that begin with those numbers, such as *1.3.6.1.4.1.6876.2* and *1.3.6.1.4.1.6876.800*.

11. To configure an alert, see [Setting Alert Actions](#).

If you configure this alert, you can set the **Variable Binding**, or what data gets passed by the **SNMP Trap**. From the **Variable Binding** list, you can select **Any** to pass any data or you can select either **Contains** or **Does Not Contain** and type a value.

12. Click **Save**.

If you selected **All** from the **Generic Type** list, a warning message may appear informing you of the possible impact on storage costs, due to the large amount of data storage required. You must click **Yes** to continue adding the **SNMP Trap** monitor.

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