

Configuring an SNMP Agent (NSM Procedure)

The IDP sensor creates and sends a log entry whenever one of the following statistics reaches 90%. It also sends a log when the value drops below 90%. Logs are sent no more than once a minute. The log entry specifies the value of the setting at the time the log is sent.

- **CPU Usage**—Log entry generated when CPU usage reaches 90%.
- **Hard Disk Usage**—Log entry generated when disk space reaches 90%.
- **Memory Usage**—Log entry generated when memory usage reaches 90%.
- **Session Count**—Log entry generated when session count reaches 90% of the total possible session count. (Maximum total session count for each device is specified on that device's product sheet.)

These logs are generated and sent to NSM automatically. However, you can also set the sensor to send the entries to your SNMP server. To do so, enable SNMP and specify the server's community and IP address, and then load the new configuration onto the sensor.

You configure an SNMP agent if you want to send device event logs to an SNMP server.

You have the option of configuring an SNMP agent for NSM (if you want to send the NSM collection to SNMP) or configuring an SNMP agent for each IDP device.

To configure an SNMP agent for NSM, see the NSM online Help.

To configure an SNMP agent for a single IDP device:

1. In the NSM Device Manager, double-click the IDP device to display the device configuration editor.
2. Click **Report Settings**.
3. Add or modify the settings in the SNMP Settings grid as described in the Table 1.
4. Click **OK**.

Table 1: IDP Configuration: SNMP Settings

Setting	Description
Enable SNMP	Enables forwarding to a network management system that reads SNMP.
SNMP Read Only Community	Specifies a string. The SNMP read-only community string resembles a password used for the exchange between the IDP device and the network management system.
SNMP Manager IP	Specifies the IP address of the SNMP server.
SNMP Contact	Specifies an e-mail address for the IDP administrator contact to be included in SNMP communications. If the network management system encounters a problem with the SNMP communication, it can use the contact information to follow up.

Table 1: IDP Configuration: SNMP Settings (continued)

Setting	Description
SNMP Location	Specifies a location of the IDP device to be included in SNMP communications.
New SNMP allowed hosts	Specifies the network/host IP address and the network/host netmask for the agent.

- Related Topics**
- Configuring Syslog Collection (NSM Procedure)
 - NSM Logs and Reports Overview

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