

Stratusphere™ SNMP Overview

Summary

This document is meant for system administrators interested in Simple Network Management Protocol (SNMP) traps fired by Stratusphere Hub. It contains Object Identifier (OID) information for details of what alerts Stratusphere fires through SNMP. Stratusphere does NOT have any Management Information Base (MIB) defined as of version 5.7.0 and this is the only information available via SNMP.

Configuring Stratusphere to Send SNMP Traps

Stratusphere can be configured to send SNMP traps based on alerts that are generated. To configure SNMP within Stratusphere:

1. Log into the web UI for the Stratusphere UX product and navigate to the **Diagnostics > Alerts** tab.
2. Click on the **Configure Alerts** button to view the **Configure Alerts** page.
3. Scroll down to the **Alert Notification** section and configure SNMP.

Alert Notification

In addition to viewing alerts in Stratusphere, you can be notified via e-mail and SNMP.

Send e-mail notification when an alert occurs

Send SNMPv2 Trap when an alert occurs

* SNMP Trap Destination:

The IP address of the Network Monitoring System or SNMP Manager.

* SNMP Community String:

Stratusphere does not have a custom defined Management Information Base (MIB) as of version 5.7.0. However, it does provide OIDs with additional information for the administrator. The OIDs are as follows along with the values for each:

OID Name	OID	Description
Alert Date	"1.3.6.1.4.1.18956.1.1.2.1.2.1"	Date & Time of the alert
Alert Category	"1.3.6.1.4.1.18956.1.1.2.1.2.2"	Possible values include Network, Machine, Storage, Host, Status, & Custom Report.

OID Name	OID	Description
Alert Type	"1.3.6.1.4.1.18956.1.1.2.1.2.3"	Possible values include Machine, Storage, Host, Status, & Custom_Report. The Network Category has additional values such as Authorization_Failures, Service_Level_Failures, & Incomplete_Connections.
Alert Message	"1.3.6.1.4.1.18956.1.1.2.1.2.4"	Simple and generic textual description of the alert
Alert Report URL (if for report)	"1.3.6.1.4.1.18956.1.1.2.1.2.5"	URL to view the details of the alert within the UI.