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Add an SNMP Trap Plug-In for vRealize Operations Manager Outbound Alerts

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You add an SNMP Trap plug-in when you want to configure vRealize Operations Manager to log alerts on an existing SNMP Trap server in your environment.

You can provide filtering when you define a Notification using an SNMP Trap destination.

Prerequisites

Ensure that you have an SNMP Trap server configured in your environment, and that you know the IP address or host name, port number, and community that it uses.

Procedure

1. In the menu, click **Administration** and then in the left pane, click **Management**.
2. Click **Outbound Settings** and click **Add**.
3. From the **Plug-In Type** drop-down menu, select **SNMP**

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The dialog box expands to include your SNMP trap settings.

4. Enter an **Instance Name**.
5. Configure the SNMP trap settings appropriate to your environment.

Option	Description
Destination Host	IP address or fully qualified domain name of the SNMP management system to which you are sending alerts.
Port	Port used to connect to the SNMP management system. Default port is 162.
Community	Text string that allows access to the statistics. SNMP Community strings are used only by devices that support SNMPv1 and SNMPv2c protocol.
Username	User name to configure SNMP trap settings in your environment. If the user name is specified, SNMPv3 is considered as the protocol by the plugin. If left blank, SNMPv2c is considered as the protocol by the plugin.
Authentication Protocol	Authentication algorithms available are SHA-224, SHA-256, SHA-384, SHA-512.
Authentication Password	Authentication password.
Privacy Protocol	Privacy algorithms available are AES192, AES256.
Privacy Password	Privacy password.

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Option	Description
Engine ID	Engine ID serves as an identifier for the agent. It is used with a hashing function to generate localized keys for authentication and encryption of SNMP v3 messages. It is mandatory to specify the Engine ID when configuring the SNMP Trap plugin. If you do not add the Engine ID and save the SNMP Trap plugin instance, the field is auto-generated the next time you edit the settings.

6. Click **Test** to validate the connection.

Note:

The Community and Username options are mutually exclusive. Define either one of them to avoid an error. If you add a user name, you can optionally define the Authentication Protocol and Authentication Password followed by the Privacy Protocol and Privacy Password. The privacy protocol and its password cannot be defined independent of the authentication protocol and its password.

Results

This instance of the SNMP Trap plug-in is configured and running.

What to do next

When the plug-in is added, [configure notifications](#) for receiving the SNMP traps.

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