

# Configure SNMP Settings on RV016, RV042, RV042G, and RV082 VPN Routers

## Objective

Simple Network Management Protocol (SNMP) collects and configures network devices on the IP network. It can monitor the performance by detecting faults or inappropriate access.

The objective of this document is to show you how to configure SNMP settings on RV016, RV042, RV042G, and RV082 VPN Routers.

## Applicable Devices

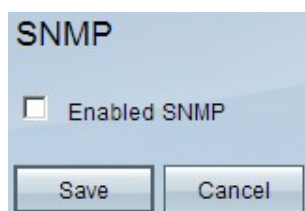
- RV016
- RV042
- RV042G
- RV082

## Software Version

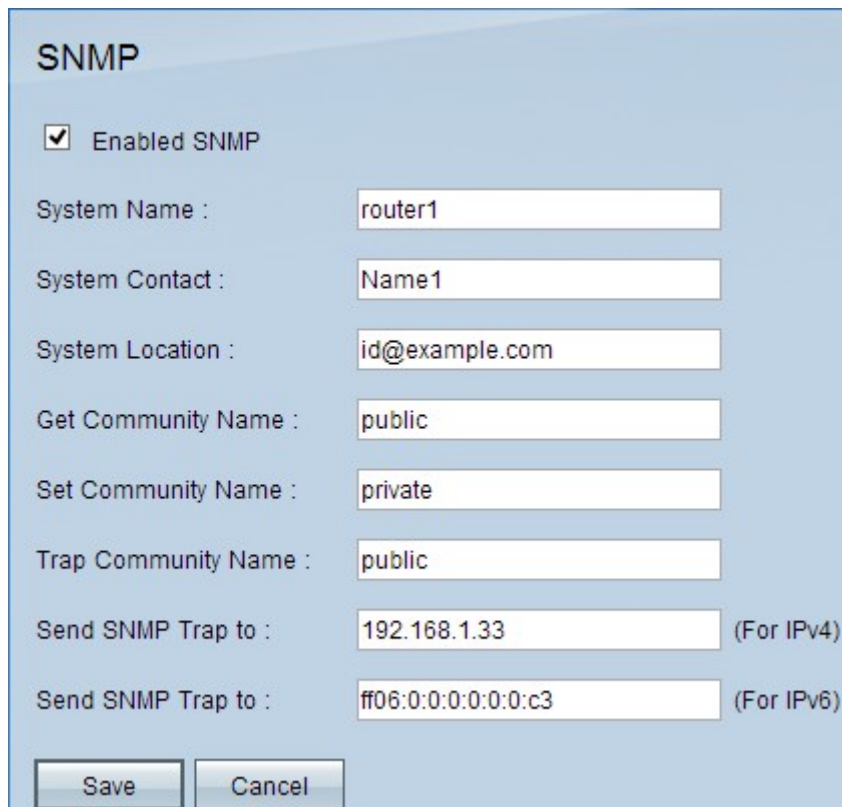
- v4.2.2.08

## Configure SNMP Settings

Step 1. Log in to the web configuration utility and choose **System Management > SNMP**. The *SNMP* page opens:



Step 2. Check the **Enabled SNMP** check box to enable the SNMP feature. Additional fields will appear:

The image shows a configuration window titled "SNMP". At the top left, there is a checked checkbox labeled "Enabled SNMP". Below this, there are several text input fields with labels to their left: "System Name" with the value "router1", "System Contact" with "Name1", "System Location" with "id@example.com", "Get Community Name" with "public", "Set Community Name" with "private", and "Trap Community Name" with "public". At the bottom, there are two more fields: "Send SNMP Trap to" with "192.168.1.33" and "(For IPv4)", and another "Send SNMP Trap to" with "ff06:0:0:0:0:0:c3" and "(For IPv6)". At the very bottom, there are two buttons: "Save" and "Cancel".

**SNMP**

Enabled SNMP

System Name : router1

System Contact : Name1

System Location : id@example.com

Get Community Name : public

Set Community Name : private

Trap Community Name : public

Send SNMP Trap to : 192.168.1.33 (For IPv4)

Send SNMP Trap to : ff06:0:0:0:0:0:c3 (For IPv6)

Save Cancel

Step 3. In the *System Name* field, enter the host name of the router.

Step 4. In the *System Contact* field, enter the contact name of the network administrator.

Step 5. In the *System Location* field, enter the contact information of the network administrator.

Step 6. In the *Get Community Name* field, enter the SNMP GET commands. The limit is up to 64 alphanumeric characters. Public is the default.

Step 7. In the *Set Community Name* field, enter the SNMP SET commands. The range is up to 64 alphanumeric characters. Private is the default.

Step 8. In the *Trap Community Name* field, enter the password to be sent with the trap. The range is up to 64 alphanumeric characters. Public is the default

Step 9. In the *Send SNMP Trap to* field, enter the IP address in the respective field of IPv4 or IPv6 based upon the requirement; or domain name in the respective field of the server running SNMP management software.

Step 10. Click **Save** to save the settings.