###### **SNMP Configuration - CLI**

***Objective:***

Objective is to enable SNMP through Netconf/Yang. It is much easier to go through Netconf browser to setup SNMP trap notifications/informs than going through the CLI.

***Procedure:***

* Enter the following RPC call to enable SNMP trap notifications from SAOS 10.x nodes. Please ensure that your Netconf browser has the latest SAOS 10.x Yang modules loaded. Replace the highlighted portion with the appropriate SNMP trap collector server’s IP address.

<?xml version="1.0" encoding="utf-8"?>

<rpc xmlns="urn:ietf:params:xml:ns:netconf:base:1.0" message-id="">

<edit-config>

<target>

<running/>

</target>

<config>

<snmp:snmp xmlns:snmp="urn:ietf:params:xml:ns:yang:ietf-snmp">

<snmp:target>

<snmp:name>TARG</snmp:name>

<snmp:udp>

<snmp:ip>x.x.x.x</snmp:ip>

</snmp:udp>

<snmp:target-params>PARAMS</snmp:target-params>

<snmp:tag>MY\_TAG</snmp:tag>

<snmp:timeout>1000</snmp:timeout>

<snmp:retries>4</snmp:retries>

</snmp:target>

<snmp:target-params>

<snmp:name>PARAMS</snmp:name>

<snmp:v2c>

<snmp:security-name>SEC-NAME</snmp:security-name>

</snmp:v2c>

</snmp:target-params>

<snmp:community>

<snmp:index>t000001</snmp:index>

<snmp:text-name>public</snmp:text-name>

<snmp:security-name>SEC-NAME</snmp:security-name>

</snmp:community>

<snmp:notify>

<snmp:name>TEST\_NOTIFY</snmp:name>

<snmp:tag>MY\_TAG</snmp:tag>

<snmp:type>trap</snmp:type>

</snmp:notify>

<snmp:vacm>

<snmp:group>

<snmp:name>DefaultVacmGroupV2C</snmp:name>

<snmp:member>

<snmp:security-name>SEC-NAME</snmp:security-name>

<snmp:security-model>v2c</snmp:security-model>

</snmp:member>

<snmp:access>

<snmp:context></snmp:context>

<snmp:security-model>v2c</snmp:security-model>

<snmp:security-level>no-auth-no-priv</snmp:security-level>

<snmp:context-match>exact</snmp:context-match>

<snmp:notify-view>NotifyView</snmp:notify-view>

</snmp:access>

</snmp:group>

<snmp:view>

<snmp:name>NotifyView</snmp:name>

<snmp:include>\*</snmp:include>

</snmp:view>

</snmp:vacm>

</snmp:snmp>

</config>

</edit-config>

</rpc>

Test Case Results:

Passed: Yes No Verified by Date/Time Comments