* + 1. **SNMP v2c Trap Configuration**

***Objective:***

The objective of this section is to configure SNMP v2c Trap on the SAOS cli.

* + - * Same as the SNMP GET parameters but additional fields are added to specify the Trap target IP.

***Procedure:***

snmp community t1 security-name cienaSecurityV2c text-name cienaV2cCommunity snmp vacm view cienaAll include internet

snmp vacm group cienaGroup access "" v2c no-auth-no-priv context-match exact notify-view cienaAll

snmp vacm group cienaGroup member cienaSecurityV2c security-model v2c snmp target TestTarget1 target-params TestParamsV2c udp ip 10.176.137.38 snmp target-params TestParamsV2c v2c security-name cienaSecurityV2c snmp target TestTarget1 tag TestTag

snmp notify Test-NOTIFY type trap tag TestTag

***Output:***

* show snmp

+

SNMP NOTIFY +

| Notification Name | Notification Tag | Notification Type |

+ + + +

| Test-NOTIFY | TestTag | trap |

+ + + +

+ SNMP COMMUNITY +

| Community Index | Community Name | Security Name | Transport Tag |

+ + + + +

| t1 | cienaV2cCommunity | cienaSecurityV2c | |

+ + + + +

+ SNMP TARGET-PARAMS +

| Target Param Name | Security Name | User Name | Security Model | Security Level |

+ + + + + +

| TestParamsV2c | cienaSecurityV2c | | v2c | no-auth-no-priv |

+ + +

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+ + +

SNMP TARGET +

| Target Name | IP Address | Param Name | Tags | UDP Port | Retry Count | Timeout | Prefix Length |

+ + + + + + + + +

| TestTarget1 | 10.176.137.38 | TestParamsV2c | TestTag | 162 | 3 | 1500 | 32 |

+ + + + + + + + +

+ SNMP VACM VIEW +

| Viewtree Name | Subtree | Type |

+ + + +

| cienaAll | internet | include |

+ + + +

+------------ SNMP VACM GROUP MEMBER +

| Group Name | Security Model | Security Name |

+ + + +

| cienaGroup | v2c | cienaSecurityV2c |

+ + +

+

+

SNMP VACM GROUP ACCESS +

| Group Name | Context | Context Match | Security Model | Security Level | Read View | Notify View |

+ + + + + + + +

| cienaGroup | | exact | v2c | no-auth-no-priv | | cienaAll |

+ + + + + + + +

***Test Case Results:***

Passed: Yes No Verified by Date/Time Comments