



Cisco スイッチからの断続的なSwitchSNMPCommunication_Alert

https://kb-jp.netapp.com/on-prem/ontap/Ontap_OS/OS-KBs/Intermittent__SwitchSNMPCommunication...

Updated: Mon, 20 Oct 2025 19:17:07 GMT

環境

- Cisco C9336C
- ONTAP 9.14.1P11

問題

- 以下は「Switch-Health degraded」を示しています

```
::> system health subsystem show Subsystem Health ----- SAS-connect ok
Environment ok Memory ok Service-Processor ok Switch-Health degraded CIFS-NDO ok Motherboard
ok IO ok MetroCluster ok MetroCluster_Node ok FHM-Switch ok FHM-Bridge ok SAS-connect_Cluster
ok 13 entries were displayed. ::> system health alert show Node: sanpc254 Alert ID:
```

SwitchSNMPCommunication_Alert Resource: sancl201-cs01(XXXXXXXXXX) Severity: Major Indication Time: Tue Apr 22 02:58:38 2025 Suppress: false Acknowledge: false Probable Cause: SNMP communication from the node to the ethernet switch has failed repeatedly. Invalid SNMP settings are configured with ONTAP Switch Health Monitoring or on the Ethernet switch. Possible Effect: Ethernet switch communication problems and accessibility issues. Corrective Actions: 1) Check the SNMPv2c community or SNMPv3 username on the Ethernet switch to verify that the expected community string or username is configured. To view the expected community string or username, run the "system switch ethernet show -snmp-config" command. 2) (SNMPv3) Verify that the SNMPv3 credentials are present within ONTAP. To view the established SNMP logins, run the "security login show -application snmp" command. If a custom engine-id was provided for the SNMPv3 user, ensure it is same as that of the remote switch.

- 断続的にいくつかのSwitchSNMPCommunication_Alertが表示され、最終的にはクリアされます。

```
[?] Tue Apr 22 12:30:13 +1000 [udcdsanpc254: cshmd: hm.alert.raised:alert]: Alert Id =
SwitchSNMPCommunication_Alert , Alerting Resource = sancl201-cs01(XXXXXXXXXX) raised by
monitor ethernet-switch [?] Tue Apr 22 12:30:13 +1000 [udcdsanpc254: cshmd: hm.alert.raised:alert]:
Alert Id = SwitchSNMPCommunication_Alert , Alerting Resource = sancl201-cs02(XXXXXXXXXX)
raised by monitor ethernet-switch [?] Tue Apr 22 13:25:25 +1000 [udcdsanpc254: cshmd: hm.alert.
cleared:notice]: Alert Id = SwitchSNMPCommunication_Alert , Alerting Resource = sancl201-
cs01(XXXXXXXXXX) cleared by monitor ethernet-switch [?] Tue Apr 22 13:25:25 +1000 [udcdsanpc254:
cshmd: hm.alert.cleared:notice]: Alert Id = SwitchSNMPCommunication_Alert , Alerting Resource =
sancl201-cs02(XXXXXXXXXX) cleared by monitor ethernet-switc
```

- 他のアラートはなく、SwitchSNMPCommunication_Alertのみです
- SNMPWalkからの応答の取得に問題はありません
- ネットワークポートの利用率は最小限です。