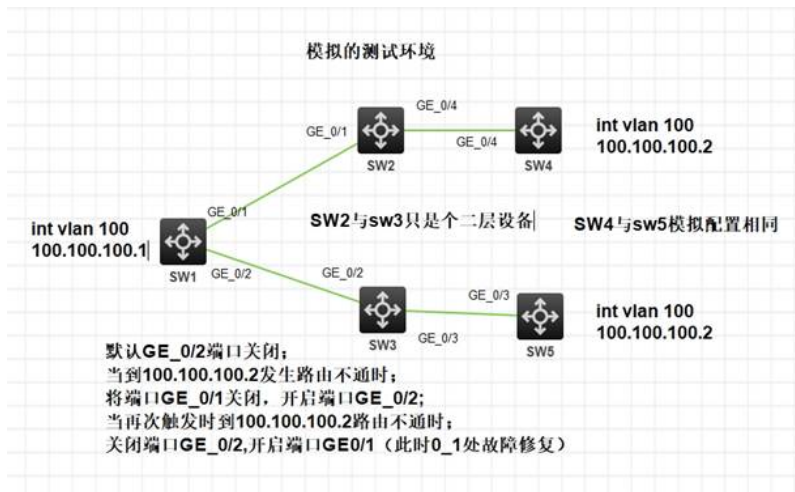


问题描述

客户需要实现如下需求，咨询设备能否支持：



解决方法

经确认，可通过EAA功能实现，配置脚本如下：

```
#
nqa entry admin test
type icmp-echo
destination ip 192.168.1.100
frequency 1000
history-record enable
history-record number 10
probe count 5
probe timeout 500
reaction 1 checked-element probe-fail threshold-type consecutive 5 action-type trap-only //配置icmp-echo类型NQA检测，ping不通时发送snmp trap
#
nqa schedule admin test start-time now lifetime forever
#
snmp-agent
snmp-agent community write private
snmp-agent community read public
snmp-agent sys-info version all
snmp-agent target-host trap address udp-domain 192.168.1.1 params securityname public //指定trap发送主机
snmp-agent trap enable
#
rtm environment backup 0 //设置环境变量
#
rtm cli-policy 1
event snmp oid 1.3.6.1.4.1.25506.8.3.1.13.1.11.5.97.100.109.105.110.4.116.101.115.116.1 monitor-obj get start-op eq start-val 2 restart-op eq restart-val 3 interval 5
//1.3.6.1.4.1.25506.8.3.1.13.1.11.5.97.100.109.105.110.4.116.101.115.116.1，即为hh3cNqaReactCurrentStatus.5.97.100.109.105.110.4.116.101.115.116.1，表示监控hh3cNqaReactCurrentStatus这一OID，后半部分序列代表NQA名称“admin test”
// start-op eq start-val 2 表示触发条件为该节点值为2 (overThreshold)
// restart-op eq restart-val 3 表示再次开启触发开关条件为，该节点值为3 (belowThreshold)
action 0 cli tclsh
action 1 cli system-view
action 2 cli if { $backup==0 } { rtm environment backup 1; int g 1/0/1; shutdown; int g 1/0/2; undo shut
```

```
down } else { rtm environment backup 0; int g 1/0/1; undo shutdown; int g 1/0/2; shutdown } //通过
判断环境变量值, 切换1/0/1, 1/0/2端口状态
user-role network-operator
user-role network-admin
#
```

```
Name: hh3cNqaReactCurrentStatus
Type: OBJECT-TYPE
OID: 1.3.6.1.4.1.25506.8.3.1.13.1.11
Full path: iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).hh3c(25506).hh3cRhw(8).hh3cNQA-MIB
Module: HH3C-NQA-MIB

Parent: hh3cNqaReactionEntry
Prev sibling: hh3cNqaReactActionType
Next sibling: hh3cNqaReactRowStatus

Numerical syntax: Integer (32 bit)
Base syntax: INTEGER
Composed syntax: INTEGER
Status: current
Max access: read-only
Value list:
1: invalid(1)
2: overThreshold(2)
3: belowThreshold(3)

Description: Specifies the current status of this reaction entry:

invalid - The status of the reaction entry is unknown.

overThreshold - The status of the reaction entry is overThreshold
when the monitored result exceeds the threshold
value for the hh3cNqaReactThresholdType.

belowThreshold - The status of the reaction entry is belowThreshold
when the monitored result is under the threshold
value for the hh3cNqaReactThresholdType.
```