**NAB REPLACEMENT**

To replace one model of Network Acceleration Blade (NAB) in deployed Solace PubSub+ 3260s or Solace PubSub+ 3560s with another model NAB that uses a different number of Ethernet ports.

To replace a failed NAB with the same model of NAB, follow the standard blade replacement procedure:

For Solace PubSub+ 3260s equipped with FEC CHS-FC1040-01-B or CHS-FC0140-01-A.

 To replace system blades in deployed PubSub+ 3260s that use a FEC with the following marketing numbers: CHS-FC1040-01-A, CHS-FC1040-01-B, or CHS-FC0140-01-A. In this session it has 3 steps following,

1.Remove the FEC from the appliance chassis

2.Remove system blades from the FEC

3.Install Replacement blade from the FEC, and FEC back to the appliance chassis

**TOOLS REQUIRED REPLACE THE NAB**

* electrostatic discharge wrist strap
* anti-static mat
* anti-static packaging for the NAB
* No. 1 Phillips head screwdriver (PubSub+ 3260s with FEC CHS-FC1040-01-C or CHS-FC0140-01-B)
* No. 2 Phillips head screwdriver (PubSub+ 3560s)
* a replacement NAB (provided by Solace)

**NAB CONFIGURE**

1. Back up current configuration

solace1> enable  
 solace1# copy current-config pre-nab-upgrade-backup-file  
 solace1# exit  
 solace1> show current-config all > pre-nab-upgrade-config

1. LAG configuration

solace(configure)# interface 1/1/lag1

🡪Bridge configuration

solace> enable

solace# configure

solace(configure)# bridge sample-bridge message-vpn sample-vpn

solace(configure/bridge)# remote message-vpn sample-vpn connect-via <primary-ip>:5003 interface 1/1/3

solace(configure/bridge-remote/message-vpn)# shut

solace(configure/bridge/remote/message-vpn)# exit

solace(configure/bridge/remote)# exit

solace(configure/bridge)# no remote message-vpn sample-vpn connect-via <primary-ip>:55003 interface 1/1/3

solace(configure/bridge)# create remote message-vpn sample-vpn connect-via <primary-ip>:55003

🡪Replication configuration

solace> enable

solace# configure

solace(configure)# replication

solace(configure/replication)# no interface

solace(configure/replication)#

🡪Message backbone VRF configuration

solace(configure)# ip vrf msg-backbone

solace(configure/ip/vrf)# interface 1/1/3:1 primary

solace(configure/ip/vrf/interface)# shutdown

solace(configure/ip/vrf/interface)# exit

🡪IP Interface configuration

solace(configure)# interface 1/1/3

solace(configure-interface)# shutdown

solace(configure-interface)# exit

🡪Routing interface configuration

* 1. Record all neighbor configuration:

solace> show cspf neighbor \*

* 1. For each neighbor, use the detail option and record the connect-via field:

solace# show cspf neighbor lab-130-20 detail

Neighbor: solace2

Connect Via: <neighbor-static-ip>:55555

* 1. Remove each neighbor:

solace> enable

solace# configure

solace(configure)# routing

solace(configure/routing)# shutdown

solace(configure/routing)# no cspf neighbor solace2

* 1. Remove the invalid interface:

solace(configure/routing)# no interface

* 1. Add the new valid interface:

solace(configure/routing)# interface 1/1/1

* 1. Re-add each neighbor:

solace(configure/routing)# create cspf neighbor solace2 connect-via <neighbor-static-ip>:55555

* 1. Enable routing:

solace(configure/routing)# no shutdown

1. Reload Event Broker Configuration

solace# reload

This command causes a reload of the system

Do you want to continue (y/n)? y

1. Backup Event Broker configuration

solace# copy current-config nab-upgrade-ready-backup-file

solace# show current-config all > nab-upgrade-ready-config

1. Power Down Appliance

solace# power-down

This command powers off the appliance and does not restart it afterwards

Do you want to continue (y/n)? y