



Registering Devices with the Cisco Prime NSC

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Registering a Cisco VSG

You can register Cisco VSG with Cisco PNSC. Registration enables communication between the Cisco VSG and the Cisco PNSC.

Procedure

- Step 1** Copy the `vnmc-vsgpa.2.1.3.bin` file into the Cisco VSG bootflash:
`vsg# copy ftp://guest@172.18.217.188/n1kv/vnmc-vsgpa.2.1.3.bin bootflash`
- Step 2** Enter global configuration mode.
`vsg# configure`
- Step 3** Enter `nsc-policy-agent` mode.
`vsg (config)# nsc-policy-agent`
- Step 4** Set the Cisco PNSC registration IP address.
`vsg (config-nsc-policy-agent)# registration-ip 209.165.200.225`
- Step 5** Specify the shared-secret of Cisco PNSC.
`vsg (config-nsc-policy-agent)# shared-secret *****`
- Step 6** Install the policy agent.
`vsg (config-nsc-policy-agent)# policy-agent-image bootflash: vnmc-vsgpa.2.1.3.bin`
- Step 7** Exit all modes.
`vsg (config-nsc-policy-agent)# end`
- Step 8** On the Cisco VSG command line, display the NSC PA status:
`vsg# show nsc-pa status`
If registration was successful, you should see the following message:
"NSC Policy-Agent status is - Installed Successfully. Version 2.1(3)-vsg"
The Cisco VSG registration is complete.

Step 9 Copy the running configuration to the startup configuration:

```
vsg# copy running-config startup-config
```

Executing this command ensures that the registration becomes part of the basic configuration

Registering Cisco Nexus 1000V VSM

You can register Cisco Nexus 1000V with Cisco PNSC. Registration enables communication between the Cisco Nexus 1000V VSM and Cisco PNSC.

Procedure

Step 1 Copy the vsmcpa.3.2.2b.bin file into the VSM bootflash:

```
vsm# copy ftp://guest@172.18.217.188/nlkv/vsmcpa.3.2.2b.bin bootflash:
```

Step 2 Enter global configuration mode.

```
vsm# configure
```

Step 3 Enter config nsc-policy-agent mode.

```
vsm(config)# nsc-policy-agent
```

Step 4 Set the Cisco PNSC registration IP address.

```
vsm(config-nsc-policy-agent)# registration-ip 209.165.200.226
```

Step 5 Specify the shared-secret of Cisco PNSC.

```
vsm(config-nsc-policy-agent)# shared-secret *****
```

Step 6 Install the policy agent.

```
vsm(config-nsc-policy-agent)# policy-agent-image bootflash:vsmcpa.3.2.2b.bin
```

Step 7 Exit all modes.

```
vsm(config-nsc-policy-agent)# top
```

Step 8 Display the NSC PA status:

```
vsm# show nsc-pa status
```

If registration was successful, you should see the following message:

```
NSC Policy-Agent status is - Installed Successfully. Version 3.2(2b)-vsg
```

```
The Cisco Nexus 1000V VSM registration is complete.
```

Step 9 Copy the running configuration to the startup configuration:

```
vsm# copy running-config startup-config
```

Executing this command ensures that the registration becomes part of the basic configuration.

What to Do Next

See the *Cisco Virtual Management Center CLI Configuration Guide* for detailed information about configuring the Cisco PNSC using the CLI.