Configuring Bulk Provisioning

Bulk provisioning feature allows you to add any numbers of NID to a group and all the NIDs in that group can be configured simultaneously, thus reducing time and effort to configure individual NID in your network.

Pre-requisite for Bulk Provisioning

- NID must be added to the controller.
- NID must be accessible from the controller.

How to Configure Bulk Provisioning

Creating a NID group for Bulk Provisioning

DETAILED STEPS

	Command or Action	Purpose

Step 1	**platform nid-controller add**
	
	Example:
	`UCS# platform nid-controller add 102.120.12.12`
	`Assigned NID-ID is 1`
	`Static NID Provisioning Successful!`
	`UCS# platform nid-controller add 102.120.12.11`
	`Assigned NID-ID is 2`
	`Static NID Provisioning Successful!`
	`UCS# platform nid-controller add 7.25.16.220`
	`Assigned NID-ID is 3`
	`Static NID Provisioning Successful!`
	`UCS# platform nid-controller add 7.25.17.223`
		Adds NIDs to the UCS controller.

Cisco ME 1200 Series Carrier Ethernet Access Devices UCS Controller Configuration Guide, Cisco IOS 15.6(1)SN and Later Releases

1

	Command or Action	Purpose
| | ```
Assigned NID-ID is 4
Static NID Provisioning Successful!
``` | |
Step 2	**platform nid-group** **Example:** `UCS# platform nid-group`	Enters NID group management mode.

Step 3	**create** | **name** *group_name* | **add-nids** *gnid_id* **processing-mode** {*enable* | *disable* }**serial-interval** {*enable*| *disable* }
	
	Example:
	`UCS(nid-group)# create name g1`
	`UCS(nid-group)# create add-nids 1-4`
	`UCS(nid-group)# create processing-mode parallel`
	`UCS(nid-group)# create processing-mode serial`
		Creates a group name and adds NIDs to the group.
		
		• **name**—Enter a group name.
		
		• **add-nids**—Enter the series of NID-IDs to be added in the group name.
		
		• **processing-mode**—If processing-mode is enabled, all the NIDs in the group are configured in parallel .
		
		• **serial-interval**—If serial-interval is enabled, all the NIDs in the group are configured ane after the other sequentially after a specific time interval.

Step 4	**create review** **Example:** `UCS(nid-group)# create review`	Displays the group name with respective NID-IDs.
Step 5	**create commit** **Example:** `UCS(nid-group)# create commit`	Sends the group name with respective NID-ID information to the UCS controller.
Step 6	**exit** **Example:** `UCS(nid-group)# exit`	Exits the NID group management mode.

Configuration Example

This example shows platform nid-controllers group-nids:

```
UCS# show platform nid-controllers group-nids

GRP_NAME        MODE        S-Interval          MEMBERS
---------       --------    ----------          -------------
   g1           Serial          0                  1,3

   g2           Serial          0                  2-3

   g4           Serial          0                  2-3
```

Cisco ME 1200 Series Carrier Ethernet Access Devices UCS Controller Configuration Guide, Cisco IOS 15.6(1)SN and Later Releases

2

Configuration Example

The example shows how to create group using Bulk Provisioning Feature:

```
UCS# configure group g2
UCS(ProvisionPhyPortType)#
clearPhyStats          debug                 exit
getPhyCurrent          getPhyDefaultConf     help
history                logout                script
setPhyCurrent          setPhyPortDefault     showPhyPortCapabilities
showPhyPortStatistic   showPhyPortStatus     top
UCS(ProvisionPhyPortType)# setPhyCurrent physicalPortConf physicalPort 5
UCS(ProvisionPhyPortType)# setPhyCurrent physicalPortConf adminState disable
UCS(ProvisionPhyPortType)# setPhyCurrent review

Commands in queue:
        setPhyCurrent physicalPortConf physicalPort 5
        setPhyCurrent physicalPortConf adminState disable
UCS(ProvisionPhyPortType)# setPhyCurrent commit
Member NIDS: 2-3
NID:2 result is SUCCESS
        log file is at
"ucsNIDCtrlr/logs/nid-group/g2/10002_1453372217_SetPhyCurrent_nid_2.log"
NID:3 result is SUCCESS
        log file is at
"ucsNIDCtrlr/logs/nid-group/g2/10002_1453372217_SetPhyCurrent_nid_3.log"
UCS(ProvisionPhyPortType)#
```

Cisco ME 1200 Series Carrier Ethernet Access Devices UCS Controller Configuration Guide, Cisco IOS 15.6(1)SN and Later Releases

3

Cisco ME 1200 Series Carrier Ethernet Access Devices UCS Controller Configuration Guide, Cisco IOS 15.6(1)SN and Later Releases

4