



Administering the Cisco ME 1200 NID

This chapter describes how to perform one-time operations to administer the Cisco ME 1200 NID. For more information, see [Administering the Switch](#).

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Prerequisites for Administering the NID

- NID must have an IP address.

How to Administer the Cisco ME 1200 NID

Configuring the System Clock

DETAILED STEPS

	Command or Action	Purpose
Step 1	ProvisionNIDMgmtType Example: Switch# ProvisionNIDMgmtType	Enters the ProvisionNIDMgmtType mode.
Step 2	setclockConfig clockConfig {summerTime {endDate WORD mode {disabled nonRecurring recurring} name WORD offSet Offset startDate WORD} timeZone {acronym WORD hrOffSet hours minOffSet mins}}	Configures the Cisco ME 1200 NID clock. <ul style="list-style-type: none"> • summerTime—Configures the summer (daylight savings) time. <ul style="list-style-type: none"> ◦ endDate—Specifies the end date format. ◦ WORD—end date depends on the mode.

Command or Action	Purpose
<p>Example:</p> <pre>Switch(ProvisionNIDMgmtType)# setClockConfig clockConfig summerTime endDate 3-31-2016-23-59 Switch(ProvisionNIDMgmtType)# setClockConfig clockConfig summerTime mode nonRecurring Switch(ProvisionNIDMgmtType)# setClockConfig clockConfig summerTime name MyClock Switch(ProvisionNIDMgmtType)# setClockConfig clockConfig summerTime offSet 3 Switch(ProvisionNIDMgmtType)# setClockConfig clockConfig summerTime startDate 3-31-2014-23-59 Switch(ProvisionNIDMgmtType)# setClockConfig clockConfig timeZone acronym IST Switch(ProvisionNIDMgmtType)# setClockConfig clockConfig timeZone hrOffSet 5 Switch(ProvisionNIDMgmtType)# setClockConfig clockConfig timeZone minOffSet 30</pre>	<p>For recurring mode, the format is week-day-month-hrs:min. Where,</p> <ul style="list-style-type: none"> • week ranges from 1 to 5. • day ranges from 1 to 7. • month ranges from 1 to 12. • hrs ranges from 0-23. • min ranges from 0-59. <p>For nonrecurring mode, the format is month-day-year-hrs:min.</p> <ul style="list-style-type: none"> • month ranges from 1 to 12. • day ranges from 1 to 31. • year ranges from 2000-2097. • hrs ranges from 0-23. • min ranges from 0-59. <ul style="list-style-type: none"> ◦ mode—Specifies the day light saving time mode. <ul style="list-style-type: none"> ◦ disabled—Disables the day light saving time. ◦ nonRecurring—Specifies the standard mode. ◦ recurring—Specifies the recurring mode. ◦ name—Specifies the name of time zone in summer. <ul style="list-style-type: none"> ◦ <i>WORD</i>—Clock name. ◦ offSet—Specifies the Offset to add in minutes. <ul style="list-style-type: none"> ◦ <i>Offset</i>—offset time. The range is from 1 to 1440 minutes. ◦ startDate—Specifies the start date format. <ul style="list-style-type: none"> ◦ <i>WORD</i>—start date depends on the mode. For recurring mode, the format is week-day-month-hrs:min. Where, <ul style="list-style-type: none"> • week ranges from 1 to 5. • day ranges from 1 to 7. • month ranges from 1 to 12. • hrs ranges from 0-23.

	Command or Action	Purpose
		<ul style="list-style-type: none"> • min ranges from 0-59. <p>For nonrecurring mode, the format is month-day-year-hrs:min. Where,</p> <ul style="list-style-type: none"> • month ranges from 1 to 12. • day ranges from 1 to 31. • year ranges from 2000-2097. • hrs ranges from 0-23. • min ranges from 0-59. <ul style="list-style-type: none"> • timeZone—Configures the time zone. <ul style="list-style-type: none"> ◦ acronym—Specifies the name of time zone. <ul style="list-style-type: none"> ◦ <i>WORD</i>—time zone name. ◦ hrOffset—Specifies the off set hours from Universal Time Coordinated (UTC). <ul style="list-style-type: none"> ◦ <i>hours</i>—off set hour from UTC. The range is from minus(-) 23 to 23. ◦ minOffset—Specifies the offset minutes from UTC. <ul style="list-style-type: none"> ◦ <i>mins</i>—off set minutes from UTC. The range is from 0-59.
Step 3	setclockConfig review Example: Switch(ProvisionNIDMgmtType) # setclockConfig review	Displays the configuration.
Step 4	setclockConfig commit Example: Switch(ProvisionNIDMgmtType) # setclockConfig commit	Sends the configuration to the NID.
Step 5	exit Example: Switch(ProvisionNIDMgmtType) # exit	Exits the ProvisionNIDMgmtType mode.

Configuration Example

```

Switch# ProvisionNIDMgmtType
Switch(ProvisionNIDMgmtType)# setClockConfig clockConfig summerTime endDate 3-31-2016-23-59

Switch(ProvisionNIDMgmtType)# setClockConfig clockConfig summerTime mode nonRecurring
Switch(ProvisionNIDMgmtType)# setClockConfig clockConfig summerTime name MyClock
Switch(ProvisionNIDMgmtType)# setClockConfig clockConfig summerTime offSet 3
Switch(ProvisionNIDMgmtType)# setClockConfig clockConfig summerTime startDate 3-31-2014-23-59

Switch(ProvisionNIDMgmtType)# setClockConfig clockConfig timeZone acronym IST
Switch(ProvisionNIDMgmtType)# setClockConfig clockConfig timeZone hrOffSet 5
Switch(ProvisionNIDMgmtType)# setClockConfig clockConfig timeZone minOffSet 30

Switch(ProvisionNIDMgmtType)# setclockConfig review
Commands in queue:
  setClockConfig clockConfig summerTime endDate 3-31-2016-23-59
  setClockConfig clockConfig summerTime mode nonRecurring
  setClockConfig clockConfig summerTime name MyClock
  setClockConfig clockConfig summerTime offSet 3
  setClockConfig clockConfig summerTime startDate 3-31-2014-23-59
  setClockConfig clockConfig timeZone acronym IST
  setClockConfig clockConfig timeZone hrOffSet 5
  setClockConfig clockConfig timeZone minOffSet 30

Switch(ProvisionNIDMgmtType)# setclockConfig commit
SetClockConfig Commit Success!!!

Switch(ProvisionNIDMgmtType)# exit

```

Viewing the System Clock**DETAILED STEPS**

	Command or Action	Purpose
Step 1	ProvisionNIDMgmtType Example: Switch# ProvisionNIDMgmtType	Enters the ProvisionNIDMgmtType mode.
Step 2	getClockConfig detailClock Example: Switch(ProvisionNIDMgmtType)# getClockConfig detailClock	Displays the clock details.
Step 3	getClockConfig review Example: Switch(ProvisionNIDMgmtType)# getClockConfig review	Displays the configuration.
Step 4	getClockConfig commit Example: Switch(ProvisionNIDMgmtType)# getClockConfig commit	Sends the configuration to the NID.
Step 5	exit Example: Switch(ProvisionNIDMgmtType)# exit	Exits the ProvisionNIDMgmt Type mode.

Configuration Example

```
Switch# ProvisionNIDMgmtType
Switch(ProvisionNIDMgmtType)# getClockConfig detailClock
Switch(ProvisionNIDMgmtType)# getClockConfig review

Commands in queue:
  getClockConfig detailClock

Switch(ProvisionNIDMgmtType)# getClockConfig commit

  GetClockConfig-Output.clockConfig.timeZone.hrOffset = 5
  GetClockConfig-Output.clockConfig.timeZone.minOffset = 30
  GetClockConfig-Output.clockConfig.timeZone.acronym = 'IST'
  GetClockConfig-Output.clockConfig.summerTime.name = ''
  GetClockConfig-Output.clockConfig.summerTime.mode.t = 1
  GetClockConfig-Output.clockConfig.summerTime.mode.u.disabled = ''
  GetClockConfig-Output.clockConfig.summerTime.startDate = ''
  GetClockConfig-Output.clockConfig.summerTime.endDate = ''
  GetClockConfig-Output.clockConfig.summerTime.offSet = 1

  GetClockConfig Commit Success!!!

Switch(ProvisionNIDMgmtType)# exit
```

Verifying System Clock Settings

DETAILED STEPS

	Command or Action	Purpose
Step 1	ProvisionNIDMgmtType Example: Switch# ProvisionNIDMgmtType	Enters the ProvisionNIDMgmtType mode.
Step 2	showclock showClockReq {show-clock} Example: Switch(ProvisionNIDMgmtType)# showclock showClockReq show-clock	Displays the clock details.
Step 3	showclock review Example: Switch(ProvisionNIDMgmtType)# showclock review	Displays the configuration.
Step 4	showclock commit Example: Switch(ProvisionNIDMgmtType)# showclock commit	Sends the configuration to the NID.

	Command or Action	Purpose
Step 5	exit Example: Switch(ProvisionNIDMgmtType) # exit	Exits the ProvisionNIDMgmtType mode.

Configuration Example

```
Switch# ProvisionNIDMgmtType
Switch(ProvisionNIDMgmtType) # showclock showClockReq show-clock
Switch(ProvisionNIDMgmtType) # showclock review
```

```
Commands in queue:
  showClock showClockReq show-clock
```

```
Switch(ProvisionNIDMgmtType) # showclock commit
  ShowClock-Output.showClockResp.clock-info = 'System Time : 1970-01-02T19:17:07+05:30'
```

```
ShowClock Commit Success!!!
```

```
Switch(ProvisionNIDMgmtType) # exit
```

Clearing IP ARP Entries

DETAILED STEPS

	Command or Action	Purpose
Step 1	ProvisionNIDMgmtType Example: Switch# ProvisionNIDMgmtType	Enters the ProvisionNIDMgmtType mode.
Step 2	clearIpArpEntries clearIpArpEntriesReq {all} Example: Switch(ProvisionNIDMgmtType) # clearIpArpEntries clearIpArpEntriesReq all	Clears the IP ARP entries.
Step 3	clearIpArpEntries review Example: Switch(ProvisionNIDMgmtType) # clearIpArpEntries review	Displays the configuration.
Step 4	clearIpArpEntries commit Example: Switch(ProvisionNIDMgmtType) # clearIpArpEntries commit	Sends the configuration to the NID.

	Command or Action	Purpose
Step 5	exit Example: Switch(ProvisionNIDMgmtType) # exit	Exits the ProvisionNIDMgmtType mode.

Configuration Example

```
Switch# ProvisionNIDMgmtType
Switch(ProvisionNIDMgmtType) # clearIpArpEntries clearIpArpEntriesReq all
Switch(ProvisionNIDMgmtType) # clearIpArpEntries review

Commands in queue:
  clearIpArpEntries clearIpArpEntriesReq all

Switch(ProvisionNIDMgmtType) # clearIpArpEntries commit

  ClearIpArpEntries-Output.clearIpArpEntriesResp = 0

  ClearIpArpEntries Commit Success!!!

Switch(ProvisionNIDMgmtType) # exit
```

Verifying IP ARP Entries

DETAILED STEPS

	Command or Action	Purpose
Step 1	ProvisionNIDMgmtType Example: Switch# ProvisionNIDMgmtType	Enters the ProvisionNIDMgmtType mode.
Step 2	showIpArp showIpArpEntriesReq {all} Example: Switch(ProvisionNIDMgmtType) # showIpArp showIpArpEntriesReq all	Displays the IP ARP details.
Step 3	showIpArp review Example: Switch(ProvisionNIDMgmtType) # showIpArp review	Displays the configuration.
Step 4	showIpArp commit Example: Switch(ProvisionNIDMgmtType) # showIpArp commit	Sends the configuration to the NID.

	Command or Action	Purpose
Step 5	exit Example: Switch(ProvisionNIDMgmtType) # exit	Exits the ProvisionNIDMgmt Type mode.

Configuration Example

```
Switch# ProvisionNIDMgmtType
Switch(ProvisionNIDMgmtType) # showIpArp showIpArpEntriesReq all
Switch(ProvisionNIDMgmtType) # showIpArp review

Commands in queue:
  showIpArpEntriesReq all

Switch(ProvisionNIDMgmtType) # showIpArp commit

  ShowIpArp-Output.showIpArpEntriesResp.arp-entry[0] = '10.0.0.1 via
VLAN10:00-00-0c-07-ac-03'
  ShowIpArp-Output.showIpArpEntriesResp.arp-entry[1] = '10.0.10.21 via
VLAN10:e9-ed-f3-78-27-c0'

  ShowIpArp Commit Success!!!

Switch(ProvisionNIDMgmtType) # exit
```

Configuring IP Route Global Configuration

DETAILED STEPS

	Command or Action	Purpose
Step 1	ProvisionNIDMgmtType Example: Switch# ProvisionNIDMgmtType	Enters the ProvisionNIDMgmtType mode.
Step 2	ipRoutingGlobalConfig ipRoutingGlobalConfigReq {disable enable} Example: Switch(ProvisionNIDMgmtType) # ipRoutingGlobalConfig ipRoutingGlobalConfigReq enable	Configures the IP routing global configuration. <ul style="list-style-type: none"> • disable—Disables the IP Routing. • enable—Enables the IP Routing.
Step 3	ipRoutingGlobalConfig review Example: Switch(ProvisionNIDMgmtType) # ipRoutingGlobalConfig review	Displays the configuration.

	Command or Action	Purpose
Step 4	ipRoutingGlobalConfig commit Example: Switch(ProvisionNIDMgmtType) # ipRoutingGlobalConfig commit	Sends the configuration to the NID.
Step 5	exit Example: Switch(ProvisionNIDMgmtType) # exit	Exits the ProvisionNIDMgmt Type mode.

Configuration Example

```
Switch# ProvisionNIDMgmtType
Switch(ProvisionNIDMgmtType) # ipRoutingGlobalConfig ipRoutingGlobalConfigReq enable
Switch(ProvisionNIDMgmtType) # ipRoutingGlobalConfig review
```

Commands in queue:

```
ipRoutingGlobalConfig ipRoutingGlobalConfigReq enable
```

```
Switch(ProvisionNIDMgmtType) # ipRoutingGlobalConfig commit
```

```
IpRoutingGlobalConfig Commit Success!!!
```

```
Switch(ProvisionNIDMgmtType) # exit
```

Configuring IP Route

DETAILED STEPS

	Command or Action	Purpose
Step 1	ProvisionNIDMgmtType Example: Switch# ProvisionNIDMgmtType	Enters the ProvisionNIDMgmtType mode.
Step 2	setiproute setIpRouteReq {gateway-ip WORD ipv4-address WORD ipv4-mask WORD} Example: Switch(ProvisionNIDMgmtType) # setIpRoute setIpRouteReq ipv4-address 10.0.144.0 Switch(ProvisionNIDMgmtType) # setIpRoute setIpRouteReq ipv4-mask 255.255.255.0 Switch(ProvisionNIDMgmtType) # setIpRoute setIpRouteReq gateway-ip 10.0.0.1	Configures the IP Route. <ul style="list-style-type: none"> • gateway-ip—Specifies the gateway IPv4 address. <ul style="list-style-type: none"> ◦ <i>WORD</i>—IPv4 address. • ipv4-address—Specifies the IPv4 Network/Address. <ul style="list-style-type: none"> ◦ <i>WORD</i>—IPv4 Network/Address. • ipv4-mask—Specifies the IPv4 mask.

	Command or Action	Purpose
		◦ <i>WORD</i> —IPv4 mask.
Step 3	setiproute review Example: Switch(ProvisionNIDMgmtType)# setiproute review	Displays the configuration.
Step 4	getClockConfig commit Example: Switch(ProvisionNIDMgmtType)# setiproute commit	Sends the configuration to the NID.
Step 5	exit Example: Switch(ProvisionNIDMgmtType)# exit	Exits the ProvisionNIDMgmtType mode.

Configuration Example

```
Switch# ProvisionNIDMgmtType
Switch(ProvisionNIDMgmtType)# setIpRoute setIpRouteReq ipv4-address 10.0.144.0
Switch(ProvisionNIDMgmtType)# setIpRoute setIpRouteReq ipv4-mask 255.255.255.0
Switch(ProvisionNIDMgmtType)# setIpRoute setIpRouteReq gateway-ip 10.0.0.1

Switch(ProvisionNIDMgmtType)# setiproute review
Commands in Queue:
  setIpRoute setIpRouteReq ipv4-address 10.0.144.0
  setIpRoute setIpRouteReq ipv4-mask 255.255.255.0
  setIpRoute setIpRouteReq gateway-ip 10.0.0.1

Switch(ProvisionNIDMgmtType)# setiproute commit

Setiproute Commit Success!!!

Switch(ProvisionNIDMgmtType)# exit
```

Viewing IP Route

DETAILED STEPS

	Command or Action	Purpose
Step 1	ProvisionNIDMgmtType Example: Switch# ProvisionNIDMgmtType	Enters the ProvisionNIDMgmtType mode.

	Command or Action	Purpose
Step 2	showiproute showIpRouteReq {all} Example: Switch(ProvisionNIDMgmtType) # showiproute showIpRouteReq all	Displays the IP route details. <ul style="list-style-type: none"> • all—Specifies the IP route entries.
Step 3	showiproute review Example: Switch(ProvisionNIDMgmtType) # showiproute review	Displays the configuration.
Step 4	showiproute commit Example: Switch(ProvisionNIDMgmtType) # showiproute commit	Sends the configuration to the NID.
Step 5	exit Example: Switch(ProvisionNIDMgmtType) # exit	Exits the ProvisionNIDMgmtType mode.

Configuration Example

```

Switch# ProvisionNIDMgmtType
Switch(ProvisionNIDMgmtType) # showiproute showIpRouteReq all
Switch(ProvisionNIDMgmtType) # showiproute review

Commands in queue:
  showIpRoute showIpRouteReq all

Switch(ProvisionNIDMgmtType) # showiproute commit

  ShowIpRoute_Output.showIpRouteResp.ip_route-entry[0] = '0.0.0.0/0 via 10.25.0.1 [UP
GATEWAY HW_RT]'
  ShowIpRoute_Output.showIpRouteResp.ip_route-entry[1] = '10.25.0.0/16 via [UP HW_RT]'
  ShowIpRoute_Output.showIpRouteResp.ip_route-entry[2] = '127.0.0.1/32 via 127.0.0.1 [UP
HOST]'
  ShowIpRoute_Output.showIpRouteResp.ip_route-entry[3] = '202.153.0.0/16 via 7.25.0.1 [UP
GATEWAY HW_RT]'
  ShowIpRoute_Output.showIpRouteResp.ip_route-entry[4] = '224.0.0.0/4 via 127.0.0.1 [UP]'

  ShowIpRoute Commit Success!!!

Switch(ProvisionNIDMgmtType) # exit

```

Removing IP Route

DETAILED STEPS

	Command or Action	Purpose
Step 1	ProvisionNIDMgmtType Example: Switch# ProvisionNIDMgmtType	Enters the ProvisionNIDMgmtType mode.
Step 2	removeiproute removeIpRouteReq {gateway-ip WORD ipv4-address WORD ipv4-mask WORD} Example: Switch(ProvisionNIDMgmtType)# removeiproute removeIpRouteReq ipv4-address 10.0.144.0 Switch(ProvisionNIDMgmtType)# removeiproute removeIpRouteReq ipv4-mask 255.255.255.0 Switch(ProvisionNIDMgmtType)# removeiproute removeIpRouteReq gateway-ip 10.0.0.1	Removes the IP Route. <ul style="list-style-type: none"> • gateway-ip—Specifies the gateway IPv4 address. <ul style="list-style-type: none"> ◦ <i>WORD</i>—IPv4 address. • ipv4-address—Specifies the IPv4 Network/Address. <ul style="list-style-type: none"> ◦ <i>WORD</i>—IPv4 Network/Address. • ipv4-mask—Specifies the IPv4 mask. <ul style="list-style-type: none"> ◦ <i>WORD</i>—IPv4 mask.
Step 3	removeIpRoute review Example: Switch(ProvisionNIDMgmtType)# removeIpRoute review	Displays the configuration.
Step 4	removeIpRoute commit Example: Switch(ProvisionNIDMgmtType)# removeIpRoute commit	Sends the configuration to the NID.
Step 5	exit Example: Switch(ProvisionNIDMgmtType)# exit	Exits the ProvisionNIDMgmtType mode.

Configuration Example

```
Switch# ProvisionNIDMgmtType
Switch(ProvisionNIDMgmtType)# removeiproute removeIpRouteReq ipv4-address 10.0.144.0
Switch(ProvisionNIDMgmtType)# removeiproute removeIpRouteReq ipv4-mask 255.255.255.0
Switch(ProvisionNIDMgmtType)# removeiproute removeIpRouteReq gateway-ip 10.0.0.1

Switch(ProvisionNIDMgmtType)#removeIpRoute review
```

```

Commands in queue:
  removeiproute removeIpRouteReq ipv4-address 10.0.144.0
  removeiproute removeIpRouteReq ipv4-mask 255.255.255.0
  removeiproute removeIpRouteReq gateway-ip 10.0.0.1

Switch(ProvisionNIDMgmtType)# removeIpRoute commit

  Removeiproute Commit Success!!!

Switch(ProvisionNIDMgmtType)# exit

```

Configuring IP DNS Proxy Request

DETAILED STEPS

	Command or Action	Purpose
Step 1	ProvisionNIDMgmtType Example: Switch# ProvisionNIDMgmtType	Enters the ProvisionNIDMgmtType mode.
Step 2	setipdnsProxyConfig setIpDNSProxyConfigReq {dns-proxy} Example: Switch(ProvisionNIDMgmtType)# setipdnsProxyConfig setIpDNSProxyConfigReq dns-proxy	Configures the IP DNS proxy request. • dns_proxy —Configures the DNS proxy service.
Step 3	setipdnsProxyConfig review Example: Switch(ProvisionNIDMgmtType)# setipdnsProxyConfig review	Displays the configuration.
Step 4	setipdnsProxyConfig commit Example: Switch(ProvisionNIDMgmtType)# setipdnsProxyConfig commit	Sends the configuration to the NID.
Step 5	exit Example: Switch(ProvisionNIDMgmtType)# exit	Exits the ProvisionNIDMgmtType mode.

Configuration Example

```

Switch# ProvisionNIDMgmtType
Switch(ProvisionNIDMgmtType)# setipdnsProxyConfig setIpDNSProxyConfigReq dns-proxy
Switch(ProvisionNIDMgmtType)# setipdnsProxyConfig review

Commands in queue:
  setIpDnsProxyConfig setIpDNSProxyConfigReq dns-proxy

Switch(ProvisionNIDMgmtType)# setipdnsProxyConfig commit

  SetIpDnsProxyConfig Commit Success!!!

```

```
Switch(ProvisionNIDMgmtType)# exit
```

Removing IP DNS Proxy Request Configuration

DETAILED STEPS

	Command or Action	Purpose
Step 1	ProvisionNIDMgmtType Example: Switch# ProvisionNIDMgmtType	Enters the ProvisionNIDMgmtType mode.
Step 2	removeipdnsProxyConfig removeIpDnsProxyConfigReq {dns_proxy} Example: Switch(ProvisionNIDMgmtType)# removeipdnsProxyConfig removeIpDnsProxyConfigReq dns-proxy	Removes the IP DNS proxy configuration.
Step 3	removeipdnsProxyConfig review Example: Switch(ProvisionNIDMgmtType)# removeipdnsProxyConfig review	Displays the configuration.
Step 4	removeipdnsProxyConfig commit Example: Switch(ProvisionNIDMgmtType)# removeipdnsProxyConfig commit	Sends the configuration to the NID.
Step 5	exit Example: Switch(ProvisionNIDMgmtType)# exit	Exits the ProvisionNIDMgmtType mode.

Configuration Example

```
Switch# ProvisionNIDMgmtType
Switch(ProvisionNIDMgmtType)# removeipdnsProxyConfig removeIpDnsProxyConfigReq dns-proxy
Switch(ProvisionNIDMgmtType)# removeipdnsProxyConfig review

Commands in queue:
  removeIpDnsProxyConfig removeIpDnsProxyConfigReq dns-proxy

Switch(ProvisionNIDMgmtType)# removeipdnsProxyConfig commit

  RemoveIpDnsProxyConfig Commit Success!!!

Switch(ProvisionNIDMgmtType)# exit
```

Configuring the Name Server

DETAILED STEPS

	Command or Action	Purpose
Step 1	ProvisionNIDMgmtType Example: Switch# ProvisionNIDMgmtType	Enters the ProvisionNIDMgmtType mode.
Step 2	setnameServerConfig setNameServerConfigReq {dhcp {vlan-interface <i>vlan-id</i>} ipv4-address <i>WORD</i>} Example: Switch(ProvisionNIDMgmtType)# setNameServerConfig setNameServerConfigReq ipv4-address 10.0.0.5	Configures the name server. <ul style="list-style-type: none"> • dhcp—Specifies the Dynamic Host Configuration Protocol. <ul style="list-style-type: none"> ◦ vlan-interface—Select an VLAN interface to configure. <ul style="list-style-type: none"> ◦ <i>vlan_id</i>—Vlan ID. The range is from 1 to 4093. • ipv4-address—Specifies IPv4 unicast address. <ul style="list-style-type: none"> ◦ <i>WORD</i> —IPv4 unicast address.
Step 3	setNameServerConfig review Example: Switch(ProvisionNIDMgmtType)# setNameServerConfig review	Displays the configuration.
Step 4	setNameServerConfig commit Example: Switch(ProvisionNIDMgmtType)# setNameServerConfig commit	Sends the configuration to the NID.
Step 5	exit Example: Switch(ProvisionNIDMgmtType)# exit	Exits the ProvisionNIDMgmt Type mode.

Configuration Example

```
Switch# ProvisionNIDMgmtType
Switch(ProvisionNIDMgmtType)# setNameServerConfig setNameServerConfigReq ipv4-address
10.0.0.5
Switch(ProvisionNIDMgmtType)# setNameServerConfig review

Commands in queue:
```

```

setNameServerConfig setNameServerConfigReq ipv4-address 10.0.0.5
Switch(ProvisionNIDMgmtType)# setNameServerConfig commit
nid-create-SetNameServerConfig-req-file 7421
SetNameServerConfig Commit Success!!!
Switch(ProvisionNIDMgmtType)# exit

```

Verifying the Name Server

DETAILED STEPS

	Command or Action	Purpose
Step 1	ProvisionNIDMgmtType Example: Switch# ProvisionNIDMgmtType	Enters the ProvisionNIDMgmtType mode.
Step 2	shownameServerConfig showNameSeverConfigReq {config} Example: Switch(ProvisionNIDMgmtType)# shownameServerConfig showNameSeverConfigReq config	Displays the name server details. • config —Displays the name server configuration.
Step 3	shownameServerConfig review Example: Switch(ProvisionNIDMgmtType)# shownameServerConfig review	Displays the configuration.
Step 4	shownameServerConfig commit Example: Switch(ProvisionNIDMgmtType)# shownameServerConfig commit	Sends the configuration to the NID.
Step 5	exit Example: Switch(ProvisionNIDMgmtType)# exit	Exits the ProvisionNIDMgmt Type mode.

Configuration Example

```

Switch# ProvisionNIDMgmtType
Switch(ProvisionNIDMgmtType)# shownameServerConfig showNameSeverConfigReq config
Switch(ProvisionNIDMgmtType)# shownameServerConfig review

```

```

Commands in queue:
shownameServerConfig showNameSeverConfigReq config

```

```

Switch(ProvisionNIDMgmtType)# shownameServerConfig commit
ShowNameServerConfig-Output.showNameServerConfigResp.name-server-config = 'Current DNS
server is 7.0.0.3 set by STATIC.'

```



```
ShowNameServerConfig Commit Success!!!
Switch(ProvisionNIDMgmtType) # exit
```

Removing the Name Server

DETAILED STEPS

	Command or Action	Purpose
Step 1	ProvisionNIDMgmtType Example: Switch# ProvisionNIDMgmtType	Enters the ProvisionNIDMgmtType mode.
Step 2	removenameServerConfig removeNameServerConfigReq {name-server} Example: Switch(ProvisionNIDMgmtType) # removenameServerConfig removeNameServerConfigReq name-server	Removes the name server. <ul style="list-style-type: none"> • name-server—Specifies the domain name system removal.
Step 3	removenameServerConfig review Example: Switch(ProvisionNIDMgmtType) # removenameServerConfig review	Displays the configuration.
Step 4	getClockConfig commit Example: Switch(ProvisionNIDMgmtType) # removenameServerConfig commit	Sends the configuration to the NID.
Step 5	exit Example: Switch(ProvisionNIDMgmtType) # exit	Exits the ProvisionNIDMgmt Type mode.

Configuration Example

```
Switch# ProvisionNIDMgmtType
Switch(ProvisionNIDMgmtType) # removenameServerConfig removeNameServerConfigReq name-server
Switch(ProvisionNIDMgmtType) # removenameServerConfig review

Commands in queue:
  removenameServerConfig removeNameServerConfigReq name-server

Switch(ProvisionNIDMgmtType) # removenameServerConfig commit

  RemoveNameServerConfig Commit Success!!!

Switch(ProvisionNIDMgmtType) # exit
```

Adding User

SUMMARY STEPS

1. **ProvisionNIDMgmtType**
2. **addUser**
3. **addUser addUserReq { username | password { encrypted | none | unencrypted } | privilege }**
4. **addUser review**
5. **addUser commit**
6. **exit**

DETAILED STEPS

	Command or Action	Purpose
Step 1	ProvisionNIDMgmtType Example: Switch (ProvisionNIDMgmtType) # ProvisionNIDMgmtType	Enters the ProvisionNIDMgmtType mode.
Step 2	addUser Example: Switch (ProvisionNIDMgmtType) # addUser	Enters the addUser mode. You can add a user and assign rights from this mode.
Step 3	addUser addUserReq { username password { encrypted none unencrypted } privilege } Example: Switch (ProvisionNIDMgmtType) # addUser Switch (ProvisionNIDMgmtType) # addUser addUserReq username niduser1_p Switch (ProvisionNIDMgmtType) # addUser addUserReq password encrypted mel200vbox Switch (ProvisionNIDMgmtType) # addUser addUserReq privilege 15	Configures user for the Cisco ME 1200 NID. <ul style="list-style-type: none"> • username—Configures the username . The length of the username must be within 31 character. You can include letters, numbers and underscore to assign a username. • password—Configures the password for the username. <ul style="list-style-type: none"> ◦ encrypted— Configures an encrypted password. The length of the password must be within 31 character. ◦ unencrypted— Configures an unencrypted password. The length of the password must be within 31 character. ◦ none— Configures without a password. • privilege—Configures the privilege level for a user. You can assign a value from 0 to 15.

	Command or Action	Purpose
Step 4	addUser review Example: Switch(ProvisionNIDMgmtType)# addUser review	Displays the configuration of the user.
Step 5	addUser commit Example: Switch(ProvisionNIDMgmtType)# addUser commit	Sends the configuration of the user to the NID.
Step 6	exit Example: Switch(ProvisionNIDMgmtType)# exit	Exist the provisionNIDmgmt Type mode.

Remove User

SUMMARY STEPS

1. ProvisionNIDMgmtType
2. removeUser
3. removeUser removeUserReq username
4. removeUser review
5. addUser commit
6. exit

DETAILED STEPS

	Command or Action	Purpose
Step 1	ProvisionNIDMgmtType Example: Switch# ProvisionNIDMgmtType	Enters the ProvisionNIDMgmtType mode.
Step 2	removeUser Example: Switch(ProvisionNIDMgmtType)# removeUser	Enters the addUser mode. You can add a user and assign rights from this mode.
Step 3	removeUser removeUserReq username Example: Switch(ProvisionNIDMgmtType)# removeUser Switch(ProvisionNIDMgmtType)# removeUser removeUserReq username niduser1_p	<ul style="list-style-type: none"> • username—Removes the username from the username list .

	Command or Action	Purpose
Step 4	removeUser review Example: Switch(ProvisionNIDMgmtType) # removeUser review	Displays the configuration of the user.
Step 5	addUser commit Example: Switch(ProvisionNIDMgmtType) # removeUser commit	Sends the configuration of the user to the Cisco ME 1200 NID.
Step 6	exit Example: Switch(ProvisionNIDMgmtType) # exit	Exist the provisionNIDmgmt Type mode.

Viewing User Information

SUMMARY STEPS

1. ProvisionNIDMgmtType
2. showUsersConfigured
3. showUsersConfigured showUsersConfiguredReq all
4. showUsersConfigured review
5. showUsersConfigured commit
6. exit

DETAILED STEPS

	Command or Action	Purpose
Step 1	ProvisionNIDMgmtType Example: Switch# ProvisionNIDMgmtType	Enters the ProvisionNIDMgmtType mode.
Step 2	showUsersConfigured Example: Switch(ProvisionNIDMgmtType) # showUsersConfigured	Enters the showUsersConfigured mode. You can view all users information.
Step 3	showUsersConfigured showUsersConfiguredReq all Example: Switch(ProvisionNIDMgmtType) # showUsersConfigured Switch(ProvisionNIDMgmtType) # showUsersConfigured showUsersConfiguredReq all	<ul style="list-style-type: none"> • all—Displays all IP routes .

	Command or Action	Purpose
Step 4	showUsersConfigured review Example: Switch(ProvisionNIDMgmtType) # showUsersConfigured review	Displays the configuration of the user.
Step 5	showUsersConfigured commit Example: Switch(ProvisionNIDMgmtType) # showUsersConfigured commit	Sends the configuration of the user to the Cisco ME 1200 NID.
Step 6	exit Example: Switch(ProvisionNIDMgmtType) # exit	Exist the provisionNIDmgmt Type mode.

Viewing Logged In User Information

SUMMARY STEPS

1. ProvisionNIDMgmtType
2. removeUser
3. showUsersLoggedIn showUsersLoggedInReq all
4. showUsersLoggedIn review
5. showUsersLoggedIn commit
6. exit

DETAILED STEPS

	Command or Action	Purpose
Step 1	ProvisionNIDMgmtType Example: Switch# ProvisionNIDMgmtType	Enters the ProvisionNIDMgmtType mode.
Step 2	removeUser Example: Switch(ProvisionNIDMgmtType) # showUsersLoggedIn	Enters the showUsersLoggedInReq mode. You can view all logged in users and their information.
Step 3	showUsersLoggedIn showUsersLoggedInReq all Example: Switch(ProvisionNIDMgmtType) # showUsersLoggedIn Switch(ProvisionNIDMgmtType) # showUsersLoggedIn showUsersLoggedInReq all	<ul style="list-style-type: none"> • all—Displays all IP routes .

	Command or Action	Purpose
Step 4	showUsersLoggedIn review Example: Switch(ProvisionNIDMgmtType) # showUsersLoggedIn review	Displays the configuration of the user.
Step 5	showUsersLoggedIn commit Example: Switch(ProvisionNIDMgmtType) # showUsersLoggedIn commit	Sends the configuration of the user to the Cisco ME 1200 NID.
Step 6	exit Example: Switch(ProvisionNIDMgmtType) # exit	Exist the provisionNIDmgmt Type mode.