



## 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](#).

- [Prerequisites for Administering the NID, page 1](#)
- [How to Administer the Cisco ME 1200 NID, page 1](#)

### Prerequisites for Administering the NID

- NID must be added to the controller.
- NID must be accessible from the controller.
- NID must have an IP address.

## How to Administer the Cisco ME 1200 NID

### Configuring the System Clock

#### DETAILED STEPS

	Command or Action	Purpose
<b>Step 1</b>	<b>Configure NID</b>  <b>Example:</b> UCS# Configure NID 1	Opens a new session for NID 1.
<b>Step 2</b>	<b>ProvisionNIDMgntType</b>  <b>Example:</b> UCS# ProvisionNIDMgntType	Enters the ProvisionNIDMgntType mode.

	Command or Action	Purpose
<b>Step 3</b>	<p><b>setclockConfig clockConfig {summerTime {endDate WORD   mode {disabled   nonRecurring   recurring}   name WORD   offSet Offset   startDate WORD}   timeZone {acronym WORD   hrOffSet hours   minOffSet mins}}</b></p> <p><b>Example:</b></p> <pre>UCS (ProvisionNIDMgmtType)# setClockConfig clockConfig summerTime endDate 3-31-2016-23-59 UCS (ProvisionNIDMgmtType)# setClockConfig clockConfig summerTime mode nonRecurring UCS (ProvisionNIDMgmtType)# setClockConfig clockConfig summerTime name MyClock UCS (ProvisionNIDMgmtType)# setClockConfig clockConfig summerTime offSet 3 UCS (ProvisionNIDMgmtType)# setClockConfig clockConfig summerTime startDate 3-31-2014-23-59 UCS (ProvisionNIDMgmtType)# setClockConfig clockConfig timeZone acronym IST UCS (ProvisionNIDMgmtType)# setClockConfig clockConfig timeZone hrOffSet 5 UCS (ProvisionNIDMgmtType)# setClockConfig clockConfig timeZone minOffSet 30</pre>	<p>Configures the Cisco ME 1200 NID clock.</p> <ul style="list-style-type: none"> <li>• <b>summerTime</b>—Configures the summer (daylight savings) time. <ul style="list-style-type: none"> <li>◦ <b>endDate</b>—Specifies the end date format. <ul style="list-style-type: none"> <li>◦ <i>WORD</i>—end date depends on the mode. For recurring mode, the format is <b>week-day-month-hrs:min</b>. Where, <ul style="list-style-type: none"> <li>• week ranges from 1 to 5.</li> <li>• day ranges from 1 to 7.</li> <li>• month ranges from 1 to 12.</li> <li>• hrs ranges from 0-23.</li> <li>• min ranges from 0-59.</li> </ul> </li> <li>For nonrecurring mode, the format is <b>month-day-year-hrs:min</b>. <ul style="list-style-type: none"> <li>• month ranges from 1 to 12.</li> <li>• day ranges from 1 to 31.</li> <li>• year ranges from 2000-2097.</li> <li>• hrs ranges from 0-23.</li> <li>• min ranges from 0-59.</li> </ul> </li> </ul> </li> </ul> </li> <li>◦ <b>mode</b>—Specifies the day light saving time mode. <ul style="list-style-type: none"> <li>◦ <b>disabled</b>—Disables the day light saving time.</li> <li>◦ <b>nonRecurring</b>—Specifies the standard mode.</li> <li>◦ <b>recurring</b>—Specifies the recurring mode.</li> </ul> </li> <li>◦ <b>name</b>—Specifies the name of time zone in summer. <ul style="list-style-type: none"> <li>◦ <i>WORD</i>—Clock name.</li> </ul> </li> <li>◦ <b>offSet</b>—Specifies the Offset to add in minutes. <ul style="list-style-type: none"> <li>◦ <i>Offset</i>—offset time. The range is from 1 to 1440 minutes.</li> </ul> </li> <li>◦ <b>startDate</b>—Specifies the start date format. <ul style="list-style-type: none"> <li>◦ <i>WORD</i>—start date depends on the mode. For recurring mode, the format is <b>week-day-month-hrs:min</b>. Where,</li> </ul> </li> </ul>

	Command or Action	Purpose
		<ul style="list-style-type: none"> <li>• week ranges from 1 to 5.</li> <li>• day ranges from 1 to 7.</li> <li>• month ranges from 1 to 12.</li> <li>• hrs ranges from 0-23.</li> <li>• min ranges from 0-59.</li> </ul> <p>For nonrecurring mode, the format is <b>month-day-year-hrs:min</b>. Where,</p> <ul style="list-style-type: none"> <li>• month ranges from 1 to 12.</li> <li>• day ranges from 1 to 31.</li> <li>• year ranges from 2000-2097.</li> <li>• hrs ranges from 0-23.</li> <li>• min ranges from 0-59.</li> </ul> <ul style="list-style-type: none"> <li>• <b>timeZone</b>—Configures the time zone. <ul style="list-style-type: none"> <li>◦ <b>acronym</b>—Specifies the name of time zone. <ul style="list-style-type: none"> <li>◦ <i>WORD</i>—time zone name.</li> </ul> </li> <li>◦ <b>hrOffSet</b>—Specifies the off set hours from Universal Time Coordinated (UTC). <ul style="list-style-type: none"> <li>◦ <i>hours</i>—off set hour from UTC. The range is from minus(-) 23 to 23.</li> </ul> </li> <li>◦ <b>minOffSet</b>—Specifies the offset minutes from UTC. <ul style="list-style-type: none"> <li>◦ <i>mins</i>—off set minutes from UTC. The range is from 0-59.</li> </ul> </li> </ul> </li> </ul>
<b>Step 4</b>	<b>setclockConfig review</b>  <b>Example:</b> UCS (ProvisionNIDMgmtType) # setclockConfig review	Displays the configuration.
<b>Step 5</b>	<b>setclockConfig commit</b>  <b>Example:</b> UCS (ProvisionNIDMgmtType) # setclockConfig commit	Sends the configuration to the NID.

	Command or Action	Purpose
<b>Step 6</b>	<b>exit</b>  <b>Example:</b> UCS (ProvisionNIDMgmtType) # exit	Exits the ProvisionNIDMgmtType mode.

### Configuration Example

```
Switch# ProvisionNIDMgmtType
UCS (ProvisionNIDMgmtType) # setClockConfig clockConfig summerTime endDate 3-31-2016-23-59
UCS (ProvisionNIDMgmtType) # setClockConfig clockConfig summerTime mode nonRecurring
UCS (ProvisionNIDMgmtType) # setClockConfig clockConfig summerTime name MyClock
UCS (ProvisionNIDMgmtType) # setClockConfig clockConfig summerTime offSet 3
UCS (ProvisionNIDMgmtType) # setClockConfig clockConfig summerTime startDate 3-31-2014-23-59

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

UCS (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

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

UCS (ProvisionNIDMgmtType) # exit
```

## Viewing the System Clock

### DETAILED STEPS

	Command or Action	Purpose
<b>Step 1</b>	<b>Configure NID</b>  <b>Example:</b> UCS# Configure NID 1	Opens a new session for NID 1.
<b>Step 2</b>	<b>ProvisionNIDMgmtType</b>  <b>Example:</b> UCS# ProvisionNIDMgmtType	Enters the ProvisionNIDMgmtType mode.

	Command or Action	Purpose
<b>Step 3</b>	<b>getClockConfig detailClock</b>  <b>Example:</b> UCS (ProvisionNIDMgmtType) # getClockConfig detailClock	Displays the clock details.
<b>Step 4</b>	<b>getClockConfig review</b>  <b>Example:</b> UCS (ProvisionNIDMgmtType) # getClockConfig review	Displays the configuration.
<b>Step 5</b>	<b>getClockConfig commit</b>  <b>Example:</b> UCS (ProvisionNIDMgmtType) # getClockConfig commit	Sends the configuration to the NID.
<b>Step 6</b>	<b>exit</b>  <b>Example:</b> UCS (ProvisionNIDMgmtType) # exit	Exits the ProvisionNIDMgmt Type mode.

### Configuration Example

```

UCS# ProvisionNIDMgmtType
UCS (ProvisionNIDMgmtType) # getClockConfig detailClock
UCS (ProvisionNIDMgmtType) # getClockConfig review

Commands in queue:
  getClockConfig detailClock

UCS (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!!!

UCS (ProvisionNIDMgmtType) # exit

```

## Verifying System Clock Settings

### DETAILED STEPS

	Command or Action	Purpose
<b>Step 1</b>	<b>Configure NID</b>  <b>Example:</b> UCS# Configure NID 1	Opens a new session for NID 1.
<b>Step 2</b>	<b>ProvisionNIDMgmtType</b>  <b>Example:</b> UCS# ProvisionNIDMgmtType	Enters the ProvisionNIDMgmtType mode.
<b>Step 3</b>	<b>showclock showClockReq {show_clock}</b>  <b>Example:</b> UCS (ProvisionNIDMgmtType) # showclock showClockReq show_clock	Displays the clock details.
<b>Step 4</b>	<b>showclock review</b>  <b>Example:</b> UCS (ProvisionNIDMgmtType) # showclock review	Displays the configuration.
<b>Step 5</b>	<b>showclock commit</b>  <b>Example:</b> UCS (ProvisionNIDMgmtType) # showclock commit	Sends the configuration to the NID.
<b>Step 6</b>	<b>exit</b>  <b>Example:</b> UCS (ProvisionNIDMgmtType) # exit	Exits the ProvisionNIDMgmtType mode.

### Configuration Example

```
UCS# ProvisionNIDMgmtType
UCS (ProvisionNIDMgmtType) # showclock showClockReq show_clock
UCS (ProvisionNIDMgmtType) # showclock review
```

```
Commands in queue:
  showClock showClockReq show_clock
```

```
UCS (ProvisionNIDMgmtType) # showclock commit
  ShowClock_Output.showClockResp.clock_info = 'System Time : 1970-01-02T19:17:07+05:30'
```

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

```
UCS (ProvisionNIDMgmtType) # exit
```

## Clearing IP ARP Entries

### DETAILED STEPS

	Command or Action	Purpose
<b>Step 1</b>	<b>Configure NID</b>  <b>Example:</b> UCS# Configure NID 1	Opens a new session for NID 1.
<b>Step 2</b>	<b>ProvisionNIDMgmtType</b>  <b>Example:</b> UCS# ProvisionNIDMgmtType	Enters the ProvisionNIDMgmtType mode.
<b>Step 3</b>	<b>clearIpArpEntries clearIpArpEntriesReq {all}</b>  <b>Example:</b> UCS (ProvisionNIDMgmtType) # clearIpArpEntries clearIpArpEntriesReq all	Clears the IP ARP entries.
<b>Step 4</b>	<b>clearIpArpEntries review</b>  <b>Example:</b> UCS (ProvisionNIDMgmtType) # clearIpArpEntries review	Displays the configuration.
<b>Step 5</b>	<b>clearIpArpEntries commit</b>  <b>Example:</b> UCS (ProvisionNIDMgmtType) # clearIpArpEntries commit	Sends the configuration to the NID.
<b>Step 6</b>	<b>exit</b>  <b>Example:</b> UCS (ProvisionNIDMgmtType) # exit	Exits the ProvisionNIDMgmtType mode.

### Configuration Example

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

Commands in queue:

```
clearIpArpEntries clearIpArpEntriesReq all
```

```
UCS (ProvisionNIDMgmtType) # clearIpArpEntries commit
```

```
ClearIpArpEntries_Output.clearIpArpEntriesResp = 0
```

```
ClearIpArpEntries Commit Success!!!
```

```
UCS (ProvisionNIDMgmtType) # exit
```

## Verifying IP ARP Entries

### DETAILED STEPS

	Command or Action	Purpose
<b>Step 1</b>	<b>Configure NID</b>  <b>Example:</b> UCS# Configure NID 1	Opens a new session for NID 1.
<b>Step 2</b>	<b>ProvisionNIDMgmtType</b>  <b>Example:</b> UCS# ProvisionNIDMgmtType	Enters the ProvisionNIDMgmtType mode.
<b>Step 3</b>	<b>showIpArp showIpArpEntriesReq {all}</b>  <b>Example:</b> UCS (ProvisionNIDMgmtType) # showIpArp showIpArpEntriesReq all	Displays the IP ARP details.
<b>Step 4</b>	<b>showIpArp review</b>  <b>Example:</b> UCS (ProvisionNIDMgmtType) # showIpArp review	Displays the configuration.
<b>Step 5</b>	<b>showIpArp commit</b>  <b>Example:</b> UCS (ProvisionNIDMgmtType) # showIpArp commit	Sends the configuration to the NID.
<b>Step 6</b>	<b>exit</b>  <b>Example:</b> UCS (ProvisionNIDMgmtType) # exit	Exits the ProvisionNIDMgmtType mode.

### Configuration Example

```

UCS# ProvisionNIDMgmtType
UCS (ProvisionNIDMgmtType) # showIpArp showIpArpEntriesReq all
UCS (ProvisionNIDMgmtType) # showIpArp review

Commands in queue:
  showIpArpEntriesReq all

UCS (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!!!

UCS (ProvisionNIDMgmtType) # exit

```



## Configuring IP Route Global Configuration

### DETAILED STEPS

	Command or Action	Purpose
Step 1	<b>Configure NID</b>  <b>Example:</b> UCS# Configure NID 1	Opens a new session for NID 1.
Step 2	<b>ProvisionNIDMgmtType</b>  <b>Example:</b> UCS# ProvisionNIDMgmtType	Enters the ProvisionNIDMgmtType mode.
Step 3	<b>ipRoutingGlobalConfig ipRoutingGlobalConfigReq {disable   enable}</b>  <b>Example:</b> UCS(ProvisionNIDMgmtType)# ipRoutingGlobalConfig ipRoutingGlobalConfigReq enable	Configures the IP routing global configuration. <ul style="list-style-type: none"> <li>• <b>disable</b>—Disables the IP Routing.</li> <li>• <b>enable</b>—Enables the IP Routing.</li> </ul>
Step 4	<b>ipRoutingGlobalConfig review</b>  <b>Example:</b> UCS(ProvisionNIDMgmtType)# ipRoutingGlobalConfig review	Displays the configuration.
Step 5	<b>ipRoutingGlobalConfig commit</b>  <b>Example:</b> UCS(ProvisionNIDMgmtType)# ipRoutingGlobalConfig commit	Sends the configuration to the NID.
Step 6	<b>exit</b>  <b>Example:</b> UCS(ProvisionNIDMgmtType)# exit	Exits the ProvisionNIDMgmt Type mode.

### Configuration Example

```

UCS# ProvisionNIDMgmtType
UCS(ProvisionNIDMgmtType)# ipRoutingGlobalConfig ipRoutingGlobalConfigReq enable
UCS(ProvisionNIDMgmtType)# ipRoutingGlobalConfig review

Commands in queue:
    ipRoutingGlobalConfig ipRoutingGlobalConfigReq enable

UCS(ProvisionNIDMgmtType)# ipRoutingGlobalConfig commit

    IpRoutingGlobalConfig Commit Success!!!

UCS(ProvisionNIDMgmtType)# exit
  
```

## Configuring IP Route

### DETAILED STEPS

	Command or Action	Purpose
Step 1	<b>Configure NID</b>  <b>Example:</b> UCS# Configure NID 1	Opens a new session for NID 1.
Step 2	<b>ProvisionNIDMgmtType</b>  <b>Example:</b> UCS# ProvisionNIDMgmtType	Enters the ProvisionNIDMgmtType mode.
Step 3	<b>setiproute setIpRouteReq {gateway_ip WORD   ipv4_address WORD   ipv4_mask WORD}</b>  <b>Example:</b> UCS(ProvisionNIDMgmtType)# setIpRoute setIpRouteReq ipv4_address 10.0.144.0 UCS(ProvisionNIDMgmtType)# setIpRoute setIpRouteReq ipv4_mask 255.255.255.0 UCS(ProvisionNIDMgmtType)# setIpRoute setIpRouteReq gateway_ip 10.0.0.1	Configures the IP Route. <ul style="list-style-type: none"> <li>• <b>gateway_ip</b>—Specifies the gateway IPv4 address.               <ul style="list-style-type: none"> <li>◦ <i>WORD</i>—IPv4 address.</li> </ul> </li> <li>• <b>ipv4_address</b>—Specifies the IPv4 Network/Address.               <ul style="list-style-type: none"> <li>◦ <i>WORD</i>—IPv4 Network/Address.</li> </ul> </li> <li>• <b>ipv4_mask</b>—Specifies the IPv4 mask.               <ul style="list-style-type: none"> <li>◦ <i>WORD</i>—IPv4 mask.</li> </ul> </li> </ul>
Step 4	<b>setiproute review</b>  <b>Example:</b> UCS(ProvisionNIDMgmtType)# setiproute review	Displays the configuration.
Step 5	<b>getClockConfig commit</b>  <b>Example:</b> UCS(ProvisionNIDMgmtType)# setiproute commit	Sends the configuration to the NID.
Step 6	<b>exit</b>  <b>Example:</b> UCS(ProvisionNIDMgmtType)# exit	Exits the ProvisionNIDMgmtType mode.

### Configuration Example

```
UCS# ProvisionNIDMgmtType
UCS(ProvisionNIDMgmtType)# setIpRoute setIpRouteReq ipv4_address 10.0.144.0
```

```

UCS (ProvisionNIDMgmtType) # setIpRoute setIpRouteReq ipv4_mask 255.255.255.0
UCS (ProvisionNIDMgmtType) # setIpRoute setIpRouteReq gateway_ip 10.0.0.1

UCS (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

UCS (ProvisionNIDMgmtType) # setiproute commit

Setiproute Commit Success!!!

UCS (ProvisionNIDMgmtType) # exit

```

## Viewing IP Route

### DETAILED STEPS

	Command or Action	Purpose
<b>Step 1</b>	<b>Configure NID</b>  <b>Example:</b> UCS# Configure NID 1	Opens a new session for NID 1.
<b>Step 2</b>	<b>ProvisionNIDMgmtType</b>  <b>Example:</b> UCS# ProvisionNIDMgmtType	Enters the ProvisionNIDMgmtType mode.
<b>Step 3</b>	<b>showiproute showIpRouteReq {all}</b>  <b>Example:</b> UCS (ProvisionNIDMgmtType) # showiproute showIpRouteReq all	Displays the IP route details.  • <b>all</b> —Specifies the IP route entries.
<b>Step 4</b>	<b>showiproute review</b>  <b>Example:</b> UCS (ProvisionNIDMgmtType) # showiproute review	Displays the configuration.
<b>Step 5</b>	<b>showiproute commit</b>  <b>Example:</b> UCS (ProvisionNIDMgmtType) # showiproute commit	Sends the configuration to the NID.
<b>Step 6</b>	<b>exit</b>  <b>Example:</b> UCS (ProvisionNIDMgmtType) # exit	Exits the ProvisionNIDMgmtType mode.

### Configuration Example

```

UCS# ProvisionNIDMgmtType
UCS (ProvisionNIDMgmtType) # showiproute showIpRouteReq all

```

```

UCS (ProvisionNIDMgmtType) # showiproute review

Commands in queue:
  showIpRoute showIpRouteReq all

UCS (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!!!

UCS (ProvisionNIDMgmtType) # exit

```

## Removing IP Route

### DETAILED STEPS

	Command or Action	Purpose
Step 1	<b>Configure NID</b>  <b>Example:</b> UCS# Configure NID 1	Opens a new session for NID 1.
Step 2	<b>ProvisionNIDMgmtType</b>  <b>Example:</b> UCS# ProvisionNIDMgmtType	Enters the ProvisionNIDMgmtType mode.
Step 3	<b>removeiproute removeIpRouteReq {gateway_ip WORD  ipv4_address WORD  ipv4_mask WORD}</b>  <b>Example:</b> UCS (ProvisionNIDMgmtType) # removeiproute removeIpRouteReq ipv4_address 10.0.144.0 UCS (ProvisionNIDMgmtType) # removeiproute removeIpRouteReq ipv4_mask 255.255.255.0 UCS (ProvisionNIDMgmtType) # removeiproute removeIpRouteReq gateway_ip 10.0.0.1	Removes the IP Route. <ul style="list-style-type: none"> <li>• <b>gateway_ip</b>—Specifies the gateway IPv4 address.               <ul style="list-style-type: none"> <li>◦ <i>WORD</i>—IPv4 address.</li> </ul> </li> <li>• <b>ipv4_address</b>—Specifies the IPv4 Network/Address.               <ul style="list-style-type: none"> <li>◦ <i>WORD</i>—IPv4 Network/Address.</li> </ul> </li> <li>• <b>ipv4_mask</b>—Specifies the IPv4 mask.               <ul style="list-style-type: none"> <li>◦ <i>WORD</i>—IPv4 mask.</li> </ul> </li> </ul>
Step 4	<b>removeIpRoute review</b>  <b>Example:</b> UCS (ProvisionNIDMgmtType) # removeIpRoute review	Displays the configuration.

	Command or Action	Purpose
<b>Step 5</b>	<b>removeIpRoute commit</b>  <b>Example:</b> UCS (ProvisionNIDMgmtType)# removeIpRoute commit	Sends the configuration to the NID.
<b>Step 6</b>	<b>exit</b>  <b>Example:</b> UCS (ProvisionNIDMgmtType)# exit	Exits the ProvisionNIDMgmt Type mode.

### Configuration Example

```

UCS# ProvisionNIDMgmtType
UCS (ProvisionNIDMgmtType)# removeiproute removeIpRouteReq ipv4_address 10.0.144.0
UCS (ProvisionNIDMgmtType)# removeiproute removeIpRouteReq ipv4_mask 255.255.255.0
UCS (ProvisionNIDMgmtType)# removeiproute removeIpRouteReq gateway_ip 10.0.0.1

UCS (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

UCS (ProvisionNIDMgmtType)# removeIpRoute commit

  Removeiproute Commit Success!!!

UCS (ProvisionNIDMgmtType)# exit

```

## Configuring IP DNS Proxy Request

### DETAILED STEPS

	Command or Action	Purpose
<b>Step 1</b>	<b>Configure NID</b>  <b>Example:</b> UCS# Configure NID 1	Opens a new session for NID 1.
<b>Step 2</b>	<b>ProvisionNIDMgmtType</b>  <b>Example:</b> UCS# ProvisionNIDMgmtType	Enters the ProvisionNIDMgmtType mode.
<b>Step 3</b>	<b>setipdnsProxyConfig setIpDNSProxyConfigReq {dns_proxy}</b>  <b>Example:</b> UCS (ProvisionNIDMgmtType)# setipdnsProxyConfig setIpDNSProxyConfigReqdns_proxy	Configures the IP DNS proxy request. <ul style="list-style-type: none"> <li>• <b>dns_proxy</b>—Configures the DNS proxy service.</li> </ul>

	Command or Action	Purpose
<b>Step 4</b>	<b>setipdnsProxyConfig review</b>  <b>Example:</b> UCS (ProvisionNIDMgmtType) # setipdnsProxyConfig review	Displays the configuration.
<b>Step 5</b>	<b>setipdnsProxyConfig commit</b>  <b>Example:</b> UCS (ProvisionNIDMgmtType) # setipdnsProxyConfig commit	Sends the configuration to the NID.
<b>Step 6</b>	<b>exit</b>  <b>Example:</b> UCS (ProvisionNIDMgmtType) # exit	Exits the ProvisionNIDMgmtType mode.

### Configuration Example

```
UCS# ProvisionNIDMgmtType
UCS (ProvisionNIDMgmtType) # setipdnsProxyConfig setIpDNSProxyConfigReq dns_proxy
UCS (ProvisionNIDMgmtType) # setipdnsProxyConfig review
```

```
Commands in queue:
  setIpDnsProxyConfig setIpDNSProxyConfigReq dns_proxy
```

```
UCS (ProvisionNIDMgmtType) # setipdnsProxyConfig commit
```

```
SetIpDnsProxyConfig Commit Success!!!
```

```
UCS (ProvisionNIDMgmtType) # exit
```

## Removing IP DNS Proxy Request Configuration

### DETAILED STEPS

	Command or Action	Purpose
<b>Step 1</b>	<b>Configure NID</b>  <b>Example:</b> UCS# Configure NID 1	Opens a new session for NID 1.
<b>Step 2</b>	<b>ProvisionNIDMgmtType</b>  <b>Example:</b> UCS# ProvisionNIDMgmtType	Enters the ProvisionNIDMgmtType mode.
<b>Step 3</b>	<b>removeipdnsProxyConfig removeIpDnsProxyConfigReq {dns_proxy}</b>	Removes the IP DNS proxy configuration.

	Command or Action	Purpose
	<b>Example:</b> UCS (ProvisionNIDMgmtType) # removeipdnsProxyConfig removeIpDnsProxyConfigReq dns_proxy	
<b>Step 4</b>	<b>removeipdnsProxyConfig review</b>  <b>Example:</b> UCS (ProvisionNIDMgmtType) # removeipdnsProxyConfig review	Displays the configuration.
<b>Step 5</b>	<b>removeipdnsProxyConfig commit</b>  <b>Example:</b> UCS (ProvisionNIDMgmtType) # removeipdnsProxyConfig commit	Sends the configuration to the NID.
<b>Step 6</b>	<b>exit</b>  <b>Example:</b> UCS (ProvisionNIDMgmtType) # exit	Exits to the ProvisionNIDMgmt Type mode.

### Configuration Example

```

UCS# ProvisionNIDMgmtType
UCS (ProvisionNIDMgmtType) # removeipdnsProxyConfig removeIpDnsProxyConfigReq dns_proxy
UCS (ProvisionNIDMgmtType) # removeipdnsProxyConfig review

Commands in queue:
  removeIpDnsProxyConfig removeIpDnsProxyConfigReq dns_proxy

UCS (ProvisionNIDMgmtType) # removeipdnsProxyConfig commit

  RemoveIpDnsProxyConfig Commit Success!!!

UCS (ProvisionNIDMgmtType) # exit

```

## Configuring the Name Server

### DETAILED STEPS

	Command or Action	Purpose
<b>Step 1</b>	<b>Configure NID</b>  <b>Example:</b> UCS# Configure NID 1	Opens a new session for NID 1.
<b>Step 2</b>	<b>ProvisionNIDMgmtType</b>  <b>Example:</b> UCS# ProvisionNIDMgmtType	Enters the ProvisionNIDMgmtType mode.

	Command or Action	Purpose
<b>Step 3</b>	<pre>setnameServerConfig setNameServerConfigReq {dhcp {vlan_interfacevlan_id}  ipv4_address WORD}</pre> <p><b>Example:</b>  UCS (ProvisionNIDMgmtType)# setNameServerConfig setNameServerConfigReq ipv4_address 10.0.0.5</p>	<p>Configures the name server.</p> <ul style="list-style-type: none"> <li>• <b>dhcp</b>—Specifies the Dynamic Host Configuration Protocol. <ul style="list-style-type: none"> <li>◦ <b>vlan_interface</b>—Select an VLAN interface to configure. <ul style="list-style-type: none"> <li>◦ <i>vlan_id</i>—Vlan ID. The range is from 1 to 4093.</li> </ul> </li> </ul> </li> <li>• <b>ipv4_address</b>—Specifies IPv4 unicast address. <ul style="list-style-type: none"> <li>◦ <i>WORD</i> —IPv4 unicast address.</li> </ul> </li> </ul>
<b>Step 4</b>	<pre>setnameServerConfig review</pre> <p><b>Example:</b>  UCS (ProvisionNIDMgmtType)# setnameServerConfig review</p>	Displays the configuration.
<b>Step 5</b>	<pre>setnameServerConfig commit</pre> <p><b>Example:</b>  UCS (ProvisionNIDMgmtType)# setnameServerConfig commit</p>	Sends the configuration to the NID.
<b>Step 6</b>	<pre>exit</pre> <p><b>Example:</b>  UCS (ProvisionNIDMgmtType)# exit</p>	Exits the ProvisionNIDMgmtType mode.

### Configuration Example

```
UCS# ProvisionNIDMgmtType
UCS (ProvisionNIDMgmtType)# setNameServerConfig setNameServerConfigReq ipv4_address 10.0.0.5
UCS (ProvisionNIDMgmtType)# setNameServerConfig review

Commands in queue:
  setNameServerConfig setNameServerConfigReq ipv4_address 10.0.0.5

UCS (ProvisionNIDMgmtType)# setNameServerConfig commit

  nid_create_SetNameServerConfig_req_file 7421

  SetNameServerConfig Commit Success!!!

UCS (ProvisionNIDMgmtType)# exit
```



## Verifying the Name Server

### DETAILED STEPS

	Command or Action	Purpose
Step 1	<b>Configure NID</b>  <b>Example:</b> UCS# Configure NID 1	Opens a new session for NID 1.
Step 2	<b>ProvisionNIDMgmtType</b>  <b>Example:</b> UCS# ProvisionNIDMgmtType	Enters the ProvisionNIDMgmtType mode.
Step 3	<b>shownameServerConfig showNameSeverConfigReq {config}</b>  <b>Example:</b> UCS (ProvisionNIDMgmtType) # shownameServerConfig showNameSeverConfigReq config	Displays the name server details. <ul style="list-style-type: none"> <li>• <b>config</b>—Displays the name server configuration.</li> </ul>
Step 4	<b>shownameServerConfig review</b>  <b>Example:</b> UCS (ProvisionNIDMgmtType) # shownameServerConfig review	Displays the configuration.
Step 5	<b>shownameServerConfig commit</b>  <b>Example:</b> UCS (ProvisionNIDMgmtType) # shownameServerConfig commit	Sends the configuration to the NID.
Step 6	<b>exit</b>  <b>Example:</b> UCS (ProvisionNIDMgmtType) # exit	Exits the ProvisionNIDMgmtType mode.

### Configuration Example

```
UCS (ProvisionNIDMgmtType) # ProvisionNIDMgmtType
UCS (ProvisionNIDMgmtType) # shownameServerConfig showNameSeverConfigReq config
UCS (ProvisionNIDMgmtType) # shownameServerConfig review
```

Commands in queue:

```
shownameServerConfig showNameSeverConfigReq config
```

```
UCS (ProvisionNIDMgmtType) # shownameServerConfig commit
ShowNameServerConfig_Output.showNameServerConfigResp.name_server_config = 'Current DNS
server is 7.0.0.3 set by STATIC.'
```

```
ShowNameServerConfig Commit Success!!!
```

```
UCS (ProvisionNIDMgmtType) # exit
```

## Removing the Name Server

### DETAILED STEPS

	Command or Action	Purpose
<b>Step 1</b>	<b>Configure NID</b>  <b>Example:</b> UCS# Configure NID 1	Opens a new session for NID 1.
<b>Step 2</b>	<b>ProvisionNIDMgmtType</b>  <b>Example:</b> UCS# ProvisionNIDMgmtType	Enters the ProvisionNIDMgmtType mode.
<b>Step 3</b>	<b>removenameServerConfig removeNameServerConfigReq {name_server}</b>  <b>Example:</b> UCS(ProvisionNIDMgmtType)# removenameServerConfig removeNameServerConfigReq name_server	Removes the name server. <ul style="list-style-type: none"> <li>• <b>name_server</b>—Specifies the domain name system removal.</li> </ul>
<b>Step 4</b>	<b>removenameServerConfig review</b>  <b>Example:</b> UCS(ProvisionNIDMgmtType)# removenameServerConfig review	Displays the configuration.
<b>Step 5</b>	<b>getClockConfig commit</b>  <b>Example:</b> UCS(ProvisionNIDMgmtType)# removenameServerConfig commit	Sends the configuration to the NID.
<b>Step 6</b>	<b>exit</b>  <b>Example:</b> UCS(ProvisionNIDMgmtType)# exit	Exits the ProvisionNIDMgmt Type mode.

### Configuration Example

```
UCS# ProvisionNIDMgmtType
UCS(ProvisionNIDMgmtType)# removenameServerConfig removeNameServerConfigReq name_server
UCS(ProvisionNIDMgmtType)# removenameServerConfig review
```

```
Commands in queue:
  removenameServerConfig removeNameServerConfigReq name_server
```

```
UCS(ProvisionNIDMgmtType)# removenameServerConfig commit
```

```
  RemoveNameServerConfig Commit Success!!!
```

```
UCS(ProvisionNIDMgmtType)# exit
```