



## Configuring Dedicated Debug Shell

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This document describes the configuration steps to directly access Cisco ME 1200 NID using a dedicated debug shell.

- [Prerequisites for Directly Accessing Cisco ME 1200 NID, page 1](#)
- [Information About Dedicated Debug Shell, page 1](#)
- [How to Provision Dedicated Debug Shell, page 2](#)
- [Directly Accessing the Cisco ME 1200 NID Using a Dedicated Debug Shell, page 2](#)

## Prerequisites for Directly Accessing Cisco ME 1200 NID

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

## Information About Dedicated Debug Shell

Dedicated debug shell provides direct access to Cisco ME 1200 NID.

# How to Provision Dedicated Debug Shell

## Configuring the UPE NID Controller to Directly Access a Cisco ME 1200 NID

### DETAILED STEPS

	Command or Action	Purpose
<b>Step 1</b>	<b>configure terminal</b>  <b>Example:</b> Switch# configure terminal	Enters global configuration mode.
<b>Step 2</b>	<b>controller nid 1/NID_ID</b>  <b>Example:</b> Switch(config)# controller nid 1/1	Enters the controller configuration mode.
<b>Step 3</b>	<b>debugShell</b>  <b>Example:</b> Switch(config-controller)# debugShell	Enters the dedicated debug shell mode.

#### Configuration Example

The example shows how to configure an UPE NID Controller to Directly Access a Cisco ME 1200 NID:

```
Switch(config-controller)# debugShell
```

#### What to Do Next

Log on to the Cisco ME 1200 NID.

## Directly Accessing the Cisco ME 1200 NID Using a Dedicated Debug Shell

Log on to the Cisco ME 1200 NID using the username and password.

## DETAILED STEPS

	Command or Action	Purpose
Step 1	<p>?</p> <p><b>Example:</b> NID-1# ?</p> <pre> apply clear          Reset functions configure     Enter configuration mode copy          Copy from source to destination delete        Delete one file in flash: file system diagnostic    diagnostic mode dir           Directory of all files in flash: file system disable       Turn off privileged commands do            To run exec commands in config mode dot1x        IEEE Standard for port-based Network Access Control  enable        Turn on privileged commands erps          Ethernet Ring Protection Switching exit          Exit from EXEC mode firmware      Firmware upgrade/swap help          Description of the interactive help system ip            IPv4 commands link-oam      Link OAM configuration logout        Exit from EXEC mode more          Display file no            Negate a command or set its defaults ping          Send ICMP echo messages platform      Platform configuration ptp           Misc non persistent 1588 settings reload        Reload system. rfc2544       RFC2544 performance tests send          Send a message to other tty lines show          Show running system information terminal      Set terminal line parameters </pre>	Displays the available commands to enter the dedicated debug shell.
Step 2	<p><b>exit</b></p> <p><b>Example:</b> NID-1# exit</p>	Exits the Cisco ME 1200 NID interface.

