



## Running Diagnostics Tests Using the CLI

This chapter contains the following sections:

- [About Running Tests Using the CLI, page 1](#)
- [Running Tests Using the CLI, page 1](#)
- [Saving Logs to an External USB Drive Using the CLI, page 2](#)

## About Running Tests Using the CLI

You can run both Comprehensive and Quick tests from the CLI, as well as individual tests. Running tests in a test suite is not available in the CLI.

## Running Tests Using the CLI

### Before You Begin

To start running CLI commands, choose the **Offline Diagnostic (CLI)** option from the Cisco UCS ME Server Diagnostics splash screen, or click the **Enter CLI mode** button from the GUI mode.

### Procedure

	Command or Action	Purpose
<b>Step 1</b>	<code>diag# {cimc   clear   comprehensive cpu   exit   gui   memory   pci   quick   reboot   saveusb   server   show   smbios}</code>	Type the help ? after the command to view a list of subcommands.  For a detailed list of all tests that are available from the CLI, see <a href="#">CLI Tests and Descriptions</a> .

The following example shows how to run a cimc selftest:

```
diag# cimc selftest
Running cimc selftest:
```

```
CimcSelfTest passed
diag#
```

## Saving Logs to an External USB Drive Using the CLI

### Before You Begin

- To start running CLI commands, choose the **Offline Diagnostic (CLI)** option from the Cisco UCS ME Server Diagnostics splash screen, or click the **Enter CLI mode** button from the GUI mode.
- Ensure that you have a USB drive with adequate space available to save logs.

### Procedure

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- Step 1** Plug the USB drive.
- Step 2** From the menu bar choose **Virtual Media > Map Removable Disk...**  
**Virtual Media - Map Removable Disk** window is displayed.
- Step 3** Select the USB disk drive from the drop-down list.  
**Note** Ensure that the USB is not open or accessed by any other program on the computer. If the USB is being accessed, it mounts as a read only disk. You cannot save logs in a USB which is in read only mode.
- Step 4** Click **Map Device**.
- Step 5** `diag# saveusb`
- Step 6** Press **Enter** to confirm.  
 The log files are saved in the external USB drive in a folder with timestamp.  
 To view the saved files, first unmap the USB drive.
- Step 7** From the menu bar choose **Virtual Media > Map Removable Disk...**
- Step 8** Click **Yes** to confirm.  
 You can now access the saved log file in the USB drive.
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The following example shows how to save logs:

```
diag# saveusb
      Saving logs to USB drive
Please insert USB drive and then hit return
Getting USB info, may take some time...
Found USB drive: /dev/sdd1
Mounting at: /mnt/ServerDiagsMount/
Log saved to /mnt/ServerDiagsMount/ServerDiags.Jul_12_12.21_20_08
diag#
```