# Release Notes for Cisco UCS Diagnostics for B-Series Blade Servers, Release 2.0

**First Published:** 2018-03-13

**Last Modified:** 2018-06-28

## Cisco UCS Diagnostics for B-Series Blade Servers

The Cisco UCS Blade Server Diagnostics tool for Cisco UCS Blade Servers enables you to verify the health of the hardware components on your servers. The diagnostics tool provides a variety of tests to exercise and stress the various hardware subsystems on the Cisco UCS Blade Servers, such as memory and CPU. You can use the tool to run a sanity check on the state of your Cisco UCS Blade Servers after you fix or replace a hardware component. You can also use this tool to run comprehensive burn-in tests before you deploy a new Cisco UCS Blade Server in your production environment.

This document describes system requirements, image download location, known caveats, and workarounds for Cisco UCS Diagnostics for B-Series Blade Servers, Release 2.0. This document also includes the following:

- Current information that became available after the technical documentation was published

- List of supported servers for the UCS Blade Server Diagnostics

Ensure that you review other available documentation on Cisco.com to obtain current information on Cisco UCS B-Series Blade Servers.

### Revision History

| Release | Date | Description |
|---------|------|-------------|
| 2.0(0.4) | March 13, 2018 | Created release notes for Cisco UCS Blade Server Diagnostics, Release 2.0(0.4). |
| 2.0(1a) | June 28, 2018 | Created release notes for Cisco UCS Blade Server Diagnostics, Release 2.0(1a). |

### Image Download Link

You can download the ISO image for the Cisco UCS Blade Server Diagnostics from the Cisco website at:

http://software.cisco.com/download/type.html?mdfid=283853163&i=rm

# System Requirements

To use Cisco UCS B-Series Blade Servers, your computer must meet or exceed the following minimum system requirements:

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**Important**  Cisco UCS Manager is available only as an HTML5-based application.

### Supported Web Browsers

| Cisco UCS Manager GUI | Web Browsers |
|---|---|
| HTML5 | Microsoft Internet Explorer 11 or higher |
| | Mozilla Firefox 45 or higher |
| | Google Chrome 57 or higher |
| | Apple Safari version 9 or higher |
| | Opera version 35 or higher |

### Supported Operating Systems

| Operating System | Minimum Required Memory |
|---|---|
| Microsoft Windows 7 or higher | 8.0 GB |
| Red Hat Enterprise Linux 5.10 or higher for M3 servers  Red Hat Enterprise Linux 6.4 or higher for M4 servers | 8.0 GB |
| Mac OS X 10.9 or higher | 8.0 GB |

# Supported Servers

The following table lists the UCS B-Series Blade Servers that are supported for the UCS Blade Server Diagnostics, Release 2.0.

**Table 1: Supported Servers**

| Component | Recommended Software Version |
|---|---|
| **Servers** | |
| B200 M5  B480 M5 | 2.0(1a) |
| B420 M4 E5-4600 v3  B420 M4 E5-4600 v4 | 2.0(1a) |

| Component | Recommended Software Version |
|---|---|
| **Servers** | |
| B260 M4 E7-4800 v3<br>B260 M4 E7-8800 v3<br>B260 M4 E7-4800 v4<br>B260 M4 E7-8800 v4 | 2.0(1a) |
| B460 M4 E7-4800 v3<br>B460 M4 E7-8800 v3<br>B460 M4 E7-4800 v4<br>B460 M4 E7-8800 v4 | 2.0(1a) |
| B22 M3 | 2.0(1a) |
| B200 M2 | 2.0(1a) |
| B200 M3 | 2.0(1a) |
| B200 M4<br>B200 M4 Intel E5-2600 v4 | 2.0(1a) |
| B230 M2 | 2.0(1a) |
| B250 M2 | 2.0(1a) |
| B260 M4 | 2.0(1a) |
| B420 M3 | 2.0(1a) |
| B440 M2 | 2.0(1a) |
| B460 M4 | 2.0(1a) |

# New Hardware Features

### Release 2.0(0.4) adds support for the following:

Support for UCS B200 M5 Servers—Based on the latest architecture from Intel and powered by the new Intel Xeon Processor Scalable family, the M5 dual-socket servers offer improved processing performance (up to 28-cores per socket) and faster memory (up to 2666MHz). The servers also bring improved memory, storage and GPU density, including more NVMe options per server, support for more GPUs, and an M.2 option. Cisco UCS Manager extends support for all existing features on the UCS B200 M5 servers unless specifically noted.

Support for UCS B480 M5 Servers—Based on the latest architecture from Intel and powered by the new Intel Xeon Processor Scalable family, the M5 four-socket servers offer improved processing performance (up to 28-cores per socket) and faster memory (up to 2666MHz). The servers also bring improved memory, storage and GPU density, including more NVMe options per server, support for more GPUs, and an M.2 option. Cisco UCS Manager extends support for all existing features on the UCS B480 M5 servers unless specifically noted.

# Resolved Caveats

Resolved caveats are provided in the following release-specific tables:

### Resolved Caveats in Release 2.0(1a)

The following caveats were resolved in Release 2.0(1a):

**Table 2: Resolved Caveats in Release 2.0(1a)**

| Defect ID | Symptom | First Release Affected | Resolved in Release |
|---|---|---|---|
| CSCvj73196 | Diagnostics ISO appeared as an unsupported platform on blade servers that did not have PIDs beginning with UCSB. This issue has been resolved. | 2.0(0.4) | 2.0(1a) |

### Resolved Caveats in Release 2.0(0.4)

The following caveats were resolved in Release 2.0(0.4):

**Table 3: Resolved Caveats in Release 2.0(0.4)**

| Defect ID | Symptom | First Release Affected | Resolved in Release |
|---|---|---|---|
| CSCvh72791 | Support for Cisco UCS B200 M5 Server and Cisco UCS B480 M5 Server is added. | 1.0(4a) | 2.0(0.4) |

# Open Caveats

Open caveats are provided in the following release-specific tables:

Open caveats may be listed in association with the release in which they were first noticed or in the release identified as the first affected. Users should review open caveats in all releases to avoid overlooking a defect that may impact their release.

### Open Caveats in Release 2.0(1a)

There are no open caveats in this release.

## Open Caveats in Release 2.0(0.4)

The following caveats were open in Release 2.0(0.4):

*Table 4: Open Caveats in Release 2.0(0.4)*

| Defect ID | Symptom | Workaround | First Release Affected |
|---|---|---|---|
| CSCvj73196 | Diagnostics ISO appears as an unsupported platform on blade servers that do not have PIDs beginning with UCSB.<br><br>The following blade servers may not have PIDs starting with UCSB:<br><br>• B230 M2<br><br>• B250 M2<br><br>• B200 M2 | Use Cisco UCS Diagnostics for B-Series Blade Servers, Release 1.x | 2.0(0.4)A |