



## **Cisco C880 Series Hardware and Software Interoperability Matrix, Release 1.0.1**

[Hardware and Software Interoperability for Standalone C880 Series Servers in Release 1.0.1](#) 2

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# Hardware and Software Interoperability for Standalone C880 Series Servers in Release 1.0.1

This document provides interoperability matrices for Cisco C880 Series Servers components and configurations that have been tested and validated by Cisco, by Cisco partners, or both. Use this document as a reference for supported hardware and software.

This document contains the following sections:

- [Audience](#)
- [Operating System Interoperability Matrix](#)
- [Host Bus Adapter Interoperability Matrix](#)
- [LAN on Motherboard Interoperability Matrix](#)
- [Network Interface Card Interoperability Matrix](#)
- [RAID Controller on Motherboard or PCIe Adapter Interoperability Matrix](#)
- [Related Documentation](#)
- [Obtaining Documentation and Submitting a Service Request](#)

## Audience

This document is designed for use by Cisco TAC, sales, support engineers, professional service partners, and systems administrators responsible for the design and deployment of the Cisco C880 Series Servers in the data center environment.

This document applies to the following C-Series Servers in the Cisco C880 Series Servers, and the corresponding software releases:

| Server  | Software Container |
|---------|--------------------|
| C880 M4 | 1.0.1              |

The content of this document is updated on a regular basis. The current version was created on 2015-03-30.

## Operating System Interoperability Matrix

Table 1 lists the operating systems that the Cisco C880 Series Servers support.

**Table 1: Operating System**

| UCS Server | Vendor | Operating System Version          | Notes |
|------------|--------|-----------------------------------|-------|
| C880 M4    | SuSE   | SUSE Linux Enterprise Server 11.3 | 1     |
| C880 M4    | Redhat | Red Hat Enterprise Linux 6.5      | 1     |
| C880 M4    | VMware | vSphere 5.5 U1                    | 1     |

| UCS Server | Vendor | Operating System Version | Notes |
|------------|--------|--------------------------|-------|
| C880 M4    | VMware | vSphere 5.5 U2           | 1     |

### Host Bus Adapter Interoperability Matrix

Table 2 lists the host bus adapters that the Cisco C880 Series Servers support.

**Table 2: Host Bus Adapters**

| UCS Server | Vendor | Adapter Model  | Operating System                        | Adapter Driver                               | Adapter Firmware | Adapter Boot Code / BIOS | Notes |
|------------|--------|--|---|--|------------------|--------------------------|-------|
| C880 M4    | Emulex | LPe16002<br>16Gbps Dual<br>Fibre<br>Channel PCI<br>Express Host<br>Bus Adapter | SUSE Linux<br>Enterprise<br>Server 11.3 | 10.2.340.0-1-000(lpfc)<br>10.2.348.24-1(OCM) | 10.2.348.18      | -                        | 3     |
| C880 M4    | Emulex | LPe16002<br>16Gbps Dual<br>Fibre<br>Channel PCI<br>Express Host<br>Bus Adapter | vSphere 5.5<br>U1                       | 10.0.575.10                                  | 10.2.348.18      | -                        | 3     |
| C880 M4    | Emulex | LPe16002<br>16Gbps Dual<br>Fibre<br>Channel PCI<br>Express Host<br>Bus Adapter | vSphere 5.5<br>U2                       | 10.2.426.0                                   | 10.2.348.18      | -                        | 3     |
| C880 M4    | Emulex | LPe16002<br>16Gbps Dual<br>Fibre<br>Channel PCI<br>Express Host<br>Bus Adapter | Red Hat<br>Enterprise<br>Linux 6.5      | 10.2.405.26-1(lpfc)<br>10.2.405.29-1(OCM)    | 10.2.348.18      | -                        | 3     |

### LAN on Motherboard Interoperability Matrix

Table 3 lists the LAN on motherboard adapters that the Cisco C880 Series Servers support.

**Table 3: LAN on Motherboard**

| UCS Server | Vendor | Adapter Model                                     | Operating System                  | Adapter Driver | Adapter Firmware | Adapter Boot Code / BIOS  | Notes |
|------------|--------|---|-----------------------------------|----------------|------------------|---|-------|
| C880 M4    | Intel  | Intel Corporation I350 Gigabit Network Connection | SUSE Linux Enterprise Server 11.3 | 4.1.2-k        | 1.6-3            | v1.5.40(PXE)/<br>2.8.25(iSCSI)/<br>5.7.06(UEFI Driver inc. PXE) | 2     |
| C880 M4    | Intel  | Intel Corporation I350 Gigabit Network Connection | vSphere 5.5 U1                    | 5.2.5          | 1.6-3            | v1.5.40(PXE)/<br>2.8.25(iSCSI)/<br>5.7.06(UEFI Driver inc. PXE) | 3     |
| C880 M4    | Intel  | Intel Corporation I350 Gigabit Network Connection | vSphere 5.5 U2                    | 5.2.5          | 1.6-3            | v1.5.40(PXE)/<br>2.8.25(iSCSI)/<br>5.7.06(UEFI Driver inc. PXE) | 3     |
| C880 M4    | Intel  | Intel Corporation I350 Gigabit Network Connection | Red Hat Enterprise Linux 6.5      | 5.0.5-k        | 1.6-3            | v1.5.40(PXE)/<br>2.8.25(iSCSI)/<br>5.7.06(UEFI Driver inc. PXE) | 2     |

**Network Interface Card Interoperability Matrix**

Table 4 lists the network interface cards that the Cisco C880 Series Servers support.

**Table 4: Network Interface Cards**

| UCS Server | Vendor | Adapter Model  | Operating System                  | Adapter Driver | Adapter Firmware | Adapter Boot Code / BIOS | Notes |
|------------|--------|--|-----------------------------------|----------------|------------------|--------------------------|-------|
| C880 M4    | Intel  | Intel Corporation I350-T2 Gigabit Network Connection | SUSE Linux Enterprise Server 11.3 | 4.1.2-k        | -                | -                        | 2     |

| UCS Server | Vendor | Adapter Model  | Operating System                  | Adapter Driver | Adapter Firmware | Adapter Boot Code / BIOS | Notes |
|------------|--------|--|-----------------------------------|----------------|------------------|--------------------------|-------|
| C880 M4    | Intel  | Intel Corporation I350-T2 Gigabit Network Connection | vSphere 5.5 U1                    | 5.2.5          | -                | -                        | 3     |
| C880 M4    | Intel  | Intel Corporation I350-T2 Gigabit Network Connection | vSphere 5.5 U2                    | 5.2.5          | -                | -                        | 3     |
| C880 M4    | Intel  | Intel Corporation I350-T2 Gigabit Network Connection | Red Hat Enterprise Linux 6.5      | 5.0.5-k        | -                | -                        | 2     |
| C880 M4    | FTS    | D2755 (10GbE SPF)                                    | SUSE Linux Enterprise Server 11.3 | 3.11.33-k      | -                | -                        | 2     |
| C880 M4    | FTS    | D2755 (10GbE SPF)                                    | vSphere 5.5 U1                    | 3.21.4         | -                | -                        | 3     |
| C880 M4    | FTS    | D2755 (10GbE SPF)                                    | vSphere 5.5 U2                    | 3.21.4         | -                | -                        | 3     |
| C880 M4    | FTS    | D2755 (10GbE SPF)                                    | Red Hat Enterprise Linux 6.5      | 3.15.1-k       | -                | -                        | 2     |

### RAID Controller on Motherboard or PCIe Adapter Interoperability Matrix

Table 5 lists the RAID controller on motherboard or PCIe adapters that the Cisco C880 Series Servers support.

**Table 5: RAID Controller on Motherboard or PCIe Adapters**

| UCS Server | Vendor | Adapter Model     | Operating System                  | Adapter Driver   | Adapter Firmware | Adapter Boot Code / BIOS | Notes |
|------------|--------|-------------------|-----------------------------------|------------------|------------------|--------------------------|-------|
| C880 M4    | FTS    | Cougar3 version 4 | SUSE Linux Enterprise Server 11.3 | 06.506.00.00-rc1 | 23.9.0-0033      | -                        | 2     |
| C880 M4    | FTS    | Cougar3 version 4 | vSphere 5.5 U1                    | 6.603.55.00      | 23.9.0-0033      | -                        | 3     |
| C880 M4    | FTS    | Cougar3 version 4 | vSphere 5.5 U2                    | 6.603.55.00      | 23.9.0-0033      | -                        | 2     |
| C880 M4    | FTS    | Cougar3 version 4 | Red Hat Enterprise Linux 6.5      | 6.700.06.00      | 23.9.0-0033      | -                        | 2     |
| C880 M4    | LSI    | Procyon-U V3      | SUSE Linux Enterprise Server 11.3 | 06.506.00.00-rc1 | 23.9.0-0033      | -                        | 2     |
| C880 M4    | LSI    | Procyon-U V3      | vSphere 5.5 U1                    | 6.603.55.00      | 23.9.0-0033      | -                        | 3     |
| C880 M4    | LSI    | Procyon-U V3      | vSphere 5.5 U2                    | 6.603.55.00      | 23.9.0-0033      | -                        | 2     |
| C880 M4    | LSI    | Procyon-U V3      | Red Hat Enterprise Linux 6.5      | 6.700.06.00      | 23.9.0-0033      | -                        | 2     |

### Notes

- 1 Boot from iSCSI is not supported.
- 2 Use inbox drivers.
- 3 Please obtain drivers from the adapter vendor.

### Related Documentation

Links to the latest versions of related Cisco documentation are available in the *Cisco C880 Series Servers Documentation Roadmap*, located at:

[http://www.cisco.com/c/en/us/td/docs/unified\\_computing/ucs/overview/guide/UCS\\_rack\\_roadmap.html](http://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/overview/guide/UCS_rack_roadmap.html)

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- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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