



# Release Notes for Cisco UCS Capability Catalog, Release 3.1

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## Cisco UCS Manager Capability Catalog Release Notes

This document describes the Capability Catalog updates and any PID related caveats information for the Cisco UCS Manager releases.

### Revision History

Release	Date	Description
3.1(3q)	August 02, 2018	Created release notes for Cisco UCS Capability Catalog, Release 3.1(3q)T.
3.1(3p)	June 28, 2018	Created release notes for Cisco UCS Capability Catalog, Release 3.1(3p)T. No new PIDs added.
3.1(3o)	May 24, 2018	Created release notes for Cisco UCS Capability Catalog, Release 3.1(3o)T. No new PIDs added.
3.1(3n)	April 13, 2018	Created release notes for Cisco UCS Capability Catalog, Release 3.1(3n)T.
3.1(3m)	February 08, 2018	Created release notes for Cisco UCS Capability Catalog, Release 3.1(3m)T. No new PIDs added.
3.1(3l)	January 11, 2018	Created release notes for Cisco UCS Capability Catalog, Release 3.1(3l)T.

Release	Date	Description
3.1(3i)	November 17, 2017	Created release notes for Cisco UCS Capability Catalog, Release 3.1(3i)T.
3.1(3h)	October 31, 2017	Created release notes for Cisco UCS Capability Catalog, Release 3.1(3h)T.
3.1(3g)	October 27, 2017	Created release notes for Cisco UCS Capability Catalog, Release 3.1(3g)T. Updated the PID list for Release 3.1(3f)T.
3.1(3f)	September 27, 2017	Created release notes for Cisco UCS Capability Catalog, Release 3.1(3f)T.
3.1(3d)	August 16, 2017	Created release notes for Cisco UCS Capability Catalog, Release 3.1(3d)T.
3.1(3c)	June 20, 2017	Created release notes for Cisco UCS Capability Catalog, Release 3.1(3c)T.
3.1(3b)	May 19, 2017	Created release notes for Cisco UCS Capability Catalog, Release 3.1(3b)T.
3.1(2j)	March 30, 2017	Created release notes for Cisco UCS Capability Catalog, Release 3.1(2j)T.
3.1(2i)	February 24, 2017	Created release notes for Cisco UCS Capability Catalog, Release 3.1(2i)T.
3.1(2h)	January 27, 2017	Created release notes for Cisco UCS Capability Catalog, Release 3.1(2h)T. Added historical information for all previous Release 3.1 capability catalogs.

## Capability Catalog

The Capability Catalog is a set of tunable parameters, strings, and rules. Cisco UCS uses the catalog to update the display and configurability of components such as newly qualified DIMMs and disk drives for servers.

The catalog is divided by hardware components, such as the chassis, CPU, local disk, and I/O module. You can use the catalog to view the list of providers available for that component. There is one provider per hardware component. Each provider is identified by the vendor, model (PID), and revision. For each provider, you can also view details of the equipment manufacturer and the form factor.

For information about which hardware components are dependent upon a particular catalog release, see the component support tables in the [http://www.cisco.com/en/US/products/ps10280/prod\\_installation\\_guides\\_list.html](http://www.cisco.com/en/US/products/ps10280/prod_installation_guides_list.html). For information about which components are introduced in a specific release, see the Cisco UCS [http://www.cisco.com/en/US/products/ps10281/prod\\_release\\_notes\\_list.html](http://www.cisco.com/en/US/products/ps10281/prod_release_notes_list.html).

## Contents of the Capability Catalog

The contents of the Capability Catalog include the following:

### Implementation-Specific Tunable Parameters

- Power and thermal constraints
- Slot ranges and numbering
- Adapter capacities

### Hardware-Specific Rules

- Firmware compatibility for components such as the BIOS, CIMC, RAID controller, and adapters
- Diagnostics
- Hardware-specific reboot

### User Display Strings

- Part numbers, such as the CPN, PID/VID
- Component descriptions
- Physical layout/dimensions
- OEM information

## Updates to the Capability Catalog

The Cisco UCS Infrastructure Software Bundle includes capability catalog updates. Unless otherwise instructed by Cisco Technical Assistance Center, you only need to activate the capability catalog update after you've downloaded, updated, and activated a Cisco UCS Infrastructure Software Bundle.

As soon as you activate a capability catalog update, Cisco UCS immediately updates to the new baseline catalog. You do not have to perform any further tasks. Updates to the capability catalog do not require you to reboot or reinstall any component in a Cisco UCS domain.

Each Cisco UCS Infrastructure Software Bundle contains a baseline catalog. In rare circumstances, Cisco releases an update to the capability catalog between Cisco UCS releases and makes it available on the same site where you download firmware images.



**Note** The capability catalog version is determined by the version of Cisco UCS that you are using. For example, Cisco UCS 2.2 releases work with any 2.2 release of the capability catalog, but not with 3.1 releases. For information about capability catalog releases supported by specific Cisco UCS releases, see the *Release Notes for Cisco UCS Software* accessible through the *Cisco UCS B-Series Servers Documentation Roadmap* available at the following URL: <http://www.cisco.com/go/unifiedcomputing/b-series-doc>.

## Capability Catalog for Release 3.1

**Table 1: Capability Catalog for Release 3.1**

Catalog File Name	PIDs
ucs-catalog.3.1.3q.T.bin	Drives: <ul style="list-style-type: none"> <li>• UCS-HD8T7K6GAG</li> <li>• UCS-HD8T7K4KAG</li> <li>• UCS-S3260-HD8TA</li> </ul>
ucs-catalog.3.1.3p.T.bin	—
ucs-catalog.3.1.3o.T.bin	—
ucs-catalog.3.1.3n.T.bin	Drive: <ul style="list-style-type: none"> <li>• UCS-S3260-TSD4K9</li> </ul>
ucs-catalog.3.1.3m.T.bin	—
ucs-catalog.3.1.3l.T.bin	Drives: <ul style="list-style-type: none"> <li>• UCS-HD8T7KL4KSM</li> <li>• UCS-HD10T7KL4KSM</li> <li>• UCS-SD400GH3-EP</li> <li>• UCS-SD800GH3-EP</li> <li>• UCS-SD16TH3-EP</li> <li>• UCS-SD32TH3-EP</li> <li>• UCS-S3260-3SSD4</li> <li>• UCS-S3260-3SSD8</li> <li>• UCS-S3260-3SSD16</li> <li>• UCS-S3260-3SSD32</li> </ul>

Catalog File Name	PIDs
ucs-catalog.3.1.3i.T.bin	Drives: <ul style="list-style-type: none"> <li>• UCS-HD12T7KL4KHM</li> <li>• UCS-S3260-HD12T</li> <li>• UCS-S3260-HD12TR</li> </ul>
ucs-catalog.3.1.3h.T.bin	Drives: <ul style="list-style-type: none"> <li>• UCS-HD12T7KL6GHA</li> </ul>
ucs-catalog.3.1.3g.T.bin	Drives: <ul style="list-style-type: none"> <li>• UCS-S3260-NVM48</li> <li>• UCS-S3260-NVM416</li> <li>• UCS-S3260-NVM432</li> <li>• UCS-S3260-NVM464</li> <li>• UCS-SD480GBIS6-EV</li> <li>• UCS-SD960GBIS6-EV</li> <li>• UCS-SD38TBIS6-EV</li> <li>• UCS-SD480GIS3-EP</li> <li>• UCS-SD960GIS3-EP</li> <li>• UCS-SD19TIS3-EP</li> <li>• UCS-HY480GIS3-EP</li> <li>• UCS-HY19TIS3-EP</li> </ul>
ucs-catalog.3.1.3f.T.bin	Drives: <ul style="list-style-type: none"> <li>• UCS-S3260-G3SD24</li> <li>• UCS-S3260-G3SD48</li> <li>• UCS-S3260-G3SD160</li> <li>• UCS-HY400GSAS3-EP</li> <li>• UCS-HY800GSAS3-EP</li> <li>• UCS-HY16TSAS3-EP</li> <li>• UCS-SD240GBKS4-EB</li> <li>• UCS-SD120GBKS4-EB</li> <li>• UCS-SD480GBKS4-EB</li> <li>• UCS-SD16TBKS4-EB</li> </ul>

Catalog File Name	PIDs
ucs-catalog.3.1.3d.T.bin	<p>Drives:</p> <ul style="list-style-type: none"> <li>• UCS-HD8T7KL6GA</li> <li>• UCS-HD10T7KL6GA</li> </ul> <p>NVMe Drives:</p> <ul style="list-style-type: none"> <li>• UCSC-NVMEM4-H800</li> <li>• UCSC-NVMEM4-H1600</li> <li>• UCSC-NVME-H32003</li> <li>• UCSC-NVME-H64003</li> <li>• UCSC-NVME-H76801</li> </ul>
ucs-catalog.3.1.3c.T.bin	<p>Drives:</p> <ul style="list-style-type: none"> <li>• UCS-SD960GIKS4-EV</li> <li>• UCS-SD120GBMS4-EV</li> <li>• UCS-SD240GBMS4-EV</li> <li>• UCS-SD480GBMS4-EV</li> <li>• UCS-SD960GBMS4-EV</li> <li>• UCS-SD16TBMS4-EV</li> <li>• UCS-SD19TBMS4-EV</li> <li>• UCS-SD38TBMS4-EV</li> <li>• UCS-SD76TBMS4-EV</li> <li>• UCS-SD240GBM1K9</li> <li>• UCS-SD960GBM1K9</li> <li>• UCS-SD38TBM1K9</li> </ul>

Catalog File Name	PIDs
ucs-catalog.3.1.3b.T.bin	Drives: <ul style="list-style-type: none"> <li>• UCS-HD1T7KL6GA</li> <li>• UCS-HD4T7KL6GA</li> <li>• UCS-HD6T7KL6GA</li> <li>• UCS-S3260-G2SD24</li> <li>• UCS-SD480GSAS-EV</li> <li>• UCS-SD960GSAS-EV</li> <li>• UCS-SD19TSAS-EV</li> <li>• UCS-SD38TSAS-EV</li> <li>• UCS-SD400GSAS3-EP</li> <li>• UCS-SD800GSAS3-EP</li> <li>• UCS-SD16TSASS3-EP</li> <li>• UCS-SD32TSASS3-EP</li> </ul>
ucs-catalog.3.1.2j.T.bin	Drives: <ul style="list-style-type: none"> <li>• UCS-HD2T7KL6GA</li> </ul> <p><b>Note</b> Orderable with hardware and software RAID configuration.</p>
ucs-catalog.3.1.2i.T.bin	—
ucs-catalog.3.1.2h.T.bin	<ul style="list-style-type: none"> <li>• UCS-S3260-HD2T</li> <li>• UCS-S3260-HD2TR</li> </ul>
ucs-catalog.3.1.2f.T.bin	CPU: <ul style="list-style-type: none"> <li>• UCS-CPU-E52699AE</li> </ul> Server Platforms: <ul style="list-style-type: none"> <li>• HXAF220C-M4S (C220 M4)</li> <li>• HXAF240C-M4SX (C240 M4SX)</li> </ul>
ucs-catalog.3.1.2e.T.bin	<ul style="list-style-type: none"> <li>• UCS-SD480GBKSS-EV</li> <li>• UCS-SD19TBKSS-EV</li> </ul>

Catalog File Name	PIDs
ucs-catalog.3.1.2b.T.bin	



Catalog File Name	PIDs
	<p>Network Adaptors:</p> <ul style="list-style-type: none"> <li>• UCSC-C3260-SIOC</li> <li>• UCSC-PCIE-ID10GF</li> <li>• UCSC-PCIE-ID40GF</li> <li>• UCSC-PCIE-IQ10GF</li> </ul> <p>CPUs:</p> <ul style="list-style-type: none"> <li>• UCS-CPU-E5-4610E</li> <li>• UCS-CPU-E5-4620E</li> <li>• UCS-CPU-E5-4627E</li> <li>• UCS-CPU-E5-4640E</li> <li>• UCS-CPU-E5-4650E</li> <li>• UCS-CPU-E5-4655E</li> <li>• UCS-CPU-E5-4660E</li> <li>• UCS-CPU-E5-4667E</li> <li>• UCS-CPU-E5-4669E</li> <li>• UCS-CPU-E52650E</li> <li>• UCS-CPU-E74809E</li> <li>• UCS-CPU-E74820E</li> <li>• UCS-CPU-E74830E</li> <li>• UCS-CPU-E74850E</li> <li>• UCS-CPU-E78860E</li> <li>• UCS-CPU-E78867E</li> <li>• UCS-CPU-E78870E</li> <li>• UCS-CPU-E78880E</li> <li>• UCS-CPU-E78890E</li> <li>• UCS-CPU-E78891E</li> <li>• UCS-CPU-E78893E</li> </ul> <p>Memory:</p> <ul style="list-style-type: none"> <li>• UCS-ML-1X324RU-A</li> <li>• UCS-ML-1X324RU-G</li> </ul>

Catalog File Name	PIDs
	<ul style="list-style-type: none"> <li>• UCS-ML-1X324RV-A</li> <li>• UCS-ML-1X644RU-G</li> <li>• UCS-MR-1X081RU-G</li> <li>• UCS-MR-1X082RZ-A</li> <li>• UCS-MR-1X161RV-A</li> <li>• UCS-MR-1X161RV-G</li> <li>• UCS-MR-1X162RU-A</li> <li>• UCS-MR-1X162RU-G</li> <li>• UCS-MR-1X162RV-A</li> <li>• UCS-MR-1X162RY-A</li> <li>• UCS-MR-1X322RU-G</li> <li>• UCS-MR-1X322RV-A</li> <li>• UCS-MR-2X162RY-E</li> <li>• UCS-MU-1X082RY-F</li> </ul> <p>Drives:</p>

Catalog File Name	PIDs
	<ul style="list-style-type: none"> <li>• A03-D300GA2</li> <li>• A03-D600GA2</li> <li>• A03-D600GA2</li> <li>• UCS-C3K-3XTSSD16</li> <li>• UCS-C3K-3XTSSD32</li> <li>• UCS-C3K-3XTSSD4</li> <li>• UCS-C3K-3XTSSD8</li> <li>• UCS-C3X60-G2SD12</li> <li>• UCS-C3X60-G2SD160</li> <li>• UCS-C3X60-G2SD48</li> <li>• UCS-HD10T7KEM</li> <li>• UCS-HD12G10K9</li> <li>• UCS-HD18G10K9</li> <li>• UCS-HD2T7KL12G</li> <li>• UCS-HD2T7KL6GA</li> </ul> <p><b>Note</b>     Orderable with software RAID configuration.</p> <ul style="list-style-type: none"> <li>• UCS-HD300G10K9</li> <li>• UCS-HD4T12GK9</li> <li>• UCS-HD4T7KL12G</li> <li>• UCS-HD600G15K9</li> <li>• UCS-HD6T12GAK9</li> <li>• UCS-HD6T12GK9</li> <li>• UCS-HD6T7KEM</li> <li>• UCS-HD6T7KL4K</li> <li>• UCS-HD8T7KEM</li> <li>• UCS-HDD900GI2F106</li> <li>• UCS-SD120GBE1K9</li> <li>• UCS-SD16TB12S3-EP</li> <li>• UCS-SD16TBEK9</li> <li>• UCS-SD16TBKS4-EV</li> </ul>

Catalog File Name	PIDs
	<ul style="list-style-type: none"> <li>• UCS-SD200G0KS2-EP</li> <li>• UCS-SD200G12S3-EP</li> <li>• UCS-SD400G0KS2-EP</li> <li>• UCS-SD400GBEK9</li> <li>• UCS-SD480G12S3-EP</li> <li>• UCS-SD480GBE1K9</li> <li>• UCS-SD600GBE3K9</li> <li>• UCS-SD800G0KHY-EP</li> <li>• UCS-SD800G0KS2-EP</li> <li>• UCS-SD800G12S3-EP</li> <li>• UCS-SD800G12S4-EP</li> <li>• UCS-SD800GBEK9</li> <li>• UCS-SD960GBE1K9</li> <li>• UCS-SDHPCIE800GB</li> <li>• UCSC-C3160-400SSD</li> </ul> <p>Power Supply:</p> <ul style="list-style-type: none"> <li>• UCSC-PSU1-1050W</li> <li>• UCSC-PSUV2-1050DC</li> </ul> <p>Storage Controllers:</p>

Catalog File Name	PIDs
	<ul style="list-style-type: none"> <li>• UCS-C3K-M4RAID</li> <li>• UCS-PCI25-16003</li> <li>• UCS-PCI25-38001</li> <li>• UCS-PCI25-40010</li> <li>• UCS-PCI25-80010</li> <li>• UCS-PCI25-8003</li> <li>• UCSC-C3X60-HBA</li> <li>• UCSC-C3X60-R1GB</li> <li>• UCSC-C3X60-R4GB</li> <li>• UCSC-F-H19001</li> <li>• UCSC-F-H38001</li> <li>• UCSC-F-I12003</li> <li>• UCSC-F-I160010</li> <li>• UCSC-F-I20003</li> <li>• UCSC-F-I80010</li> <li>• UCSC-PSAS12GHBA</li> <li>• UCSC-SAS12GHBA</li> <li>• UCSC-SAS9300-8E</li> </ul> <p>Server Platforms:</p> <ul style="list-style-type: none"> <li>• HX240C-M4SX</li> <li>• HX220C-M4S</li> </ul>
ucs-catalog.3.1.1h.T.bin	<p>Drives:</p> <ul style="list-style-type: none"> <li>• UCS-SD480GBKS4-EV</li> </ul>

Catalog File Name	PIDs
ucs-catalog.3.1.1g.T.bin	

Catalog File Name	PIDs
	<p data-bbox="878 283 1458 310">Cisco UCS B200 M4, C220 M4, and C240 M4 CPUs:</p> <ul style="list-style-type: none"> <li data-bbox="915 331 1154 359">• UCS-CPU-E52699E</li> <li data-bbox="915 384 1154 411">• UCS-CPU-E52698E</li> <li data-bbox="915 436 1172 464">• UCS-CPU-E52697AE</li> <li data-bbox="915 489 1154 516">• UCS-CPU-E52697E</li> <li data-bbox="915 541 1154 569">• UCS-CPU-E52695E</li> <li data-bbox="915 594 1154 621">• UCS-CPU-E52690E</li> <li data-bbox="915 646 1154 674">• UCS-CPU-E52683E</li> <li data-bbox="915 699 1154 726">• UCS-CPU-E52680E</li> <li data-bbox="915 751 1154 779">• UCS-CPU-E52667E</li> <li data-bbox="915 804 1154 831">• UCS-CPU-E52660E</li> <li data-bbox="915 856 1154 884">• UCS-CPU-E52658E</li> <li data-bbox="915 909 1154 936">• UCS-CPU-E52650E</li> <li data-bbox="915 961 1170 989">• UCS-CPU-E52650LE</li> <li data-bbox="915 1014 1154 1041">• UCS-CPU-E52640E</li> <li data-bbox="915 1066 1154 1094">• UCS-CPU-E52637E</li> <li data-bbox="915 1119 1154 1146">• UCS-CPU-E52630E</li> <li data-bbox="915 1171 1170 1199">• UCS-CPU-E52630LE</li> <li data-bbox="915 1224 1154 1251">• UCS-CPU-E52623E</li> <li data-bbox="915 1276 1154 1304">• UCS-CPU-E52637E</li> <li data-bbox="915 1329 1154 1356">• UCS-CPU-E52620E</li> <li data-bbox="915 1381 1154 1409">• UCS-CPU-E52609E</li> </ul> <p data-bbox="878 1434 1097 1461">NVME SSD Drives:</p> <ul style="list-style-type: none"> <li data-bbox="915 1482 1195 1509">• UCS-SDHPCIE1600GB</li> </ul> <p data-bbox="878 1545 979 1572">Memory:</p> <ul style="list-style-type: none"> <li data-bbox="915 1593 1179 1621">• UCS-ML-1X324RU-A</li> <li data-bbox="915 1646 1179 1673">• UCS-ML-1X644RU-A</li> <li data-bbox="915 1698 1179 1726">• UCS-MR-1X081RV-A</li> <li data-bbox="915 1751 1179 1778">• UCS-MR-1X161RV-A</li> <li data-bbox="915 1803 1179 1831">• UCS-MR-1X322RV-A</li> </ul>

Catalog File Name	PIDs
	<ul style="list-style-type: none"> <li>• UCS-ML-1X324RV-A                             <ul style="list-style-type: none"> <li><b>Note</b> Requires Cisco UCS Manager Release 3.1(1h) or later releases for Cisco UCS B-Series servers.</li> </ul> </li>   <li>• UCS-ML-1X644RV-A                             <ul style="list-style-type: none"> <li><b>Note</b> Requires Cisco UCS Manager Release 3.1(1h) or later releases for Cisco UCS B-Series servers.</li> </ul> </li>   <li>Drives:                             <ul style="list-style-type: none"> <li>• UCS-SD400GBK9</li> <li>• UCS-HD1T7KL12G</li> <li>• UCS-HD2T7KL12G</li> <li>• UCS-HD4T7KL12G</li> <li>• UCS-HD2T7KL6GA                                     <ul style="list-style-type: none"> <li><b>Note</b> Orderable with software RAID configuration.</li> </ul> </li> <li>• UCS-HD10T7KL4K</li> <li>• UCS-HD4TBK9</li> <li>• A03-D300GA2</li> <li>• A03-D600GA2</li> <li>• UCS-HDD900GI2F106</li> <li>• UCS-SD16TBKS4-EV</li> </ul> </li> </ul>



Catalog File Name	PIDs
ucs-catalog.3.1.1e.T.bin	

Catalog File Name	PIDs
	<p>Blade GPU:</p> <ul style="list-style-type: none"> <li>• UCSB-GPU-M6</li> </ul> <p>GPU M60 adapter:</p> <ul style="list-style-type: none"> <li>• UCSC-GPU-K80</li> </ul> <p><b>Note</b> Certain NVIDIA Graphics Processing Units (GPU) do not support Error Correcting Code (ECC) and vGPU together. Cisco recommends that you refer to the release notes published by NVIDIA for the respective GPU to know whether it supports ECC and vGPU together.</p> <p>Crypto Card:</p> <ul style="list-style-type: none"> <li>• CSB-MEZ-INT8955</li> </ul> <p>C240M4 NEBS SKU:</p> <ul style="list-style-type: none"> <li>• UCSC-C240-M4SNEBS</li> </ul> <p>NVME SSD Drives:</p> <ul style="list-style-type: none"> <li>• UCS-SDHPCIE800GB</li> </ul> <p>Qlogic network adapters:</p> <ul style="list-style-type: none"> <li>• UCSC-PCIE-QNICBT</li> <li>• UCSC-PCIE-QNICSFP</li> </ul> <p>Cisco UCS VIC adapters:</p> <ul style="list-style-type: none"> <li>• UCSC-PCIE-C40Q-03</li> <li>• UCSC-MLOM-C40Q-03</li> </ul> <p>SX350 Fusion IO adaptor:</p> <ul style="list-style-type: none"> <li>• UCSC-F-S32002</li> <li>• UCSC-F-S13002</li> <li>• UCSC-F-S16002</li> <li>• UCSC-F-S64002</li> </ul> <p>Compute Cartridge:</p> <ul style="list-style-type: none"> <li>• UCSME-142L1-M5</li> <li>• UCSME-142L2-M5</li> <li>• UCSME-142M1-M5</li> </ul>

Catalog File Name	PIDs
	<ul style="list-style-type: none"> <li>• UCSME-142M2-M5</li> <li>• UCSME-1414L1-M5</li> <li>• UCSME-1414L2-M5</li> <li>• UCSME-1414M1-M5</li> <li>• UCSME-1414M2-M5</li> </ul>

## Associated Caveats in Release 3.1

There are no caveats associated with Capability Catalog Release 3.1.

## Related Documentation

Cisco UCS Manager offers you a set of use-case based documentation described in the following table:

Guide	Description
GUI Guide— <a href="#">Cisco UCS Manager Getting Started Guide</a>	Discusses Cisco UCS architecture and Day 0 operations, including Cisco UCS Manager initial configuration and configuration best practices.
GUI Guide— <a href="#">Cisco UCS Manager Administration Guide</a> CLI Guide— <a href="#">Cisco UCS Manager Administration Guide</a>	Discusses password management, role-based access configuration, remote authentication, communication services, CIMC session management, organizations, backup and restore, scheduling options, BIOS tokens, and deferred deployments.
GUI Guide— <a href="#">Cisco UCS Manager Infrastructure Management Guide</a> CLI Guide— <a href="#">Cisco UCS Manager Infrastructure Management Guide</a>	Discusses physical and virtual infrastructure components used and managed by Cisco UCS Manager.
GUI Guide— <a href="#">Cisco UCS Manager Firmware Management Guide</a> CLI Guide— <a href="#">Cisco UCS Manager Firmware Management Guide</a>	Discusses downloading and managing firmware, upgrading through Auto Install, upgrading through service profiles, directly upgrading at endpoints using firmware auto sync, managing the capability catalog, deployment scenarios, and troubleshooting.
GUI Guide— <a href="#">Cisco UCS Manager Server Management Guide</a> CLI Guide— <a href="#">Cisco UCS Manager Server Management Guide</a>	Discusses the new licenses, registering Cisco UCS domain with Cisco UCS Central, power capping, server boot, server profiles, and server-related policies.

Guide	Description
<a href="#">GUI Guide—Cisco UCS Manager Storage Management Guide</a> <a href="#">CLI Guide—Cisco UCS Manager Storage Management Guide</a>	Discusses all aspects of storage management, such as SAN and VSAN in Cisco UCS Manager.
<a href="#">GUI Guide—Cisco UCS Manager Network Management Guide</a> <a href="#">CLI Guide—Cisco UCS Manager Network Management Guide</a>	Discusses all aspects of network management, such as LAN and VLAN connectivity in Cisco UCS Manager.
<a href="#">GUI Guide—Cisco UCS Manager System Monitoring Guide</a> <a href="#">CLI Guide—Cisco UCS Manager System Monitoring Guide</a>	Discusses all aspects of system and health monitoring, including system statistics in Cisco UCS Manager.