

Release Notes for Cisco UCS Capability Catalog, Release 2.2

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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

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Release	Date	Description
2.2(8k)	June 20, 2017	Created release notes for Cisco UCS Capability Catalog, Release 2.2(8k)T.
2.2(8j)	May 19, 2017	Created release notes for Cisco UCS Capability Catalog, Release 2.2(8j)T.
2.2(8i)	March 30, 2017	Created release notes for Cisco UCS Capability Catalog, Release 2.2(8i)T.
2.2(8h)	February 24, 2017	Created release notes for Cisco UCS Capability Catalog, Release 2.2(8h)T.
2.2(8g)	January 25, 2017	Created release notes for Cisco UCS Capability Catalog, Release 2.2(8g)T.
		Added historical information for all previous Release 2.2 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. 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.

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 2.2

Table 1: Capability Catalog for Release 2.2

Catalog File Name	PIDs
ucs-catalog.2.2.8k.T.bin	Drives
	• UCS-SD960GIKS4-EV
	• UCS-SD120GBMS4-EV
	• UCS-SD240GBMS4-EV
	• UCS-SD480GBMS4-EV
	• UCS-SD960GBMS4-EV
	• UCS-SD16TBMS4-EV
	• UCS-SD19TBMS4-EV
	• UCS-SD38TBMS4-EV
	• UCS-SD76TBMS4-EV
	• UCS-SD240GBM1K9
	• UCS-SD960GBM1K9
	• UCS-SD38TBM1K9
	• UCS-S3260-HD8TB
	• UCS-S3260-8TBRR

Catalog File Name	PIDs
ucs-catalog.2.2.8j.T.bin	Drives
	• UCS-HD1T7KL6GA
	• UCS-HD4T7KL6GA
	• UCS-HD6T7KL6GA
	• UCS-SD480GSAS-EV
	• UCS-SD960GSAS-EV
	• UCS-SD19TSAS-EV
	• UCS-SD38TSAS-EV
	• UCS-SD400GSAS3-EP
	• UCS-SD800GSAS3-EP
	• UCS-SD16TSASS3-EP
	• UCS-SD32TSASS3-EP
ucs-catalog.2.2.8i.T.bin	Drives
	• UCS-HD2T7KL6GA
	Note Orderable with hardware and software RAID configuration.
ucs-catalog.2.2.8h.T.bin	
ucs-catalog.2.2.8g.T.bin	_
ucs-catalog.2.2.8f.T.bin	CPU
	• UCS-CPU-E78894E
ucs-catalog.2.2.8e.T.bin	Drives
	• UCS-SD480GBKSS-EV
	• UCS-SD19TBKSS-EV
ucs-catalog.2.2.8d.T.bin	
ucs-catalog.2.2.8c.T.bin	-
ucs-catalog.2.2.8b.T.bin	_

Catalog File Name	PIDs
ucs-catalog.2.2.8a.T.bin	

Catalog File Name	PIDs
	Cisco UCS B420 M4
	CPU
	• UCS-CPU-E5-4660E
	• UCS-CPU-E5-4650E
	• UCS-CPU-E5-4640E
	• UCS-CPU-E5-4620E
	• UCS-CPU-E5-4610E
	• UCS-CPU-E5-4669E
	• UCS-CPU-E5-4667E
	• UCS-CPU-E5-4655E
	• UCS-CPU-E5-4627E
	Memory
	• UCS-MR-1X322RV-A
	• UCS-MR-1X161RV-A
	• UCS-ML-1X324RV-A
	• UCS-ML-1X644RV-A
	TPM
	• UCSX-TPM2-002
	C460 M4 E7-8800 v4
	CPU
	• UCS-CPU-E78890E
	• UCS-CPU-E78880E
	• UCS-CPU-E78870E
	• UCS-CPU-E78860E
	• UCS-CPU-E74850E
	• UCS-CPU-E74830E
	• UCS-CPU-E74820E
	• UCS-CPU-E74809E
	• UCS-CPU-E78891E
	• UCS-CPU-E78893E
	• UCS-CPU-E78867E

Catalog File Name	PIDs	
	Memory	
	• UCS-MR-1X161RV-G	
	TPM	
	• UCSX-TPM1-002	
	B260 M4 and B460 M4 E7- 4800 v4, E7-8800 v4	
	CPU	
	• UCS-CPU-E78890E	
	• UCS-CPU-E78880E	
	• UCS-CPU-E78870E	
	• UCS-CPU-E78860E	
	• UCS-CPU-E74850E	
	• UCS-CPU-E74830E	
	• UCS-CPU-E74820E	
	• UCS-CPU-E74809E	
	• UCS-CPU-E78891E	
	• UCS-CPU-E78893E	
	• UCS-CPU-E78867E	
	Memory	
	• UCS-MR-1X161RV-G	
	• UCS-MR-1X322RU-G	
	• UCS-ML-1X644RU-G	
	• UCS-ML-1X324RU-G	
	HDD	
	• UCS-SD120GB7M-EV	
	• UCS-SD16TB7M-EV	
	• UCS-SD480GB7M-EP	
	TPM	
	• UCSX-TPM1-002	
ucs-catalog.2.2.7c.T.bin		

Catalog File Name	PIDs
ucs-catalog.2.2.7b.T.bin	

atalog File Name	PIDs
	Cisco UCS B200 M4, C220 M4, and C240 M4
	CPUs
	• UCS-CPU-E52699E
	• UCS-CPU-E52698E
	• UCS-CPU-E52697AE
	• UCS-CPU-E52697E
	• UCS-CPU-E52695E
	• UCS-CPU-E52690E
	• UCS-CPU-E52683E
	• UCS-CPU-E52680E
	• UCS-CPU-E52667E
	• UCS-CPU-E52660E
	• UCS-CPU-E52658E
	• UCS-CPU-E52650E
	• UCS-CPU-E52650LE
	• UCS-CPU-E52643E
	• UCS-CPU-E52640E
	• UCS-CPU-E52637E
	• UCS-CPU-E52630E
	• UCS-CPU-E52630LE
	• UCS-CPU-E52623E
	• UCS-CPU-E52620E
	• UCS-CPU-E52609E
	Storage Controller
	• UCSB-LSTOR-PT
	PCIe adapter card
	• UCSC-SAS12GHBA
	Memory
	• UCS-ML-1X324RU-G
	• UCS-ML-1X644RU-G
	• UCS-MR-1X081RV-A

Catalog File Name	PIDs	
	• UCS-MR-1X161RV-A	
	• UCS-MR-1X322RV-A	
	• UCS-ML-1X324RV-A	
	Note Requires Cisco UCS Manager Release 2.2(7c) or later releases	
	• UCS-ML-1X644RV-A	
	Note Requires Cisco UCS Manager Release 2.2(7c) or later releases	
	Drives	
	• UCS-SD400GBK9	
	• UCS-HD1T7KL12G	
	• UCS-HD2T7KL12G	
	• UCS-HD4T7KL12G	
	• UCS-HD2T7KL6GA	
	Note Orderable with software RAID configuration.	
	• UCS-HD10T7KL4K	
	• UCS-HD4TBK9	
	• A03-D300GA2	
	• A03-D600GA2	
	• UCS-HDD900GI2F106	
	• UCS-SD16TBKS4-EV	
	GPU	
	• UCSB-GPU-M6	
	Note UCSB-GPU-M6 Requires Cisco UCS Manager 2.2(7b) or later releases.	
	• UCSC-GPU-M60	
	Crypto Card	
	• CSB-MEZ-INT8955	
	NVME Drives	

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Catalog File Name	PIDs	
	• UCS-S	SDHPCIE800GB
	• UCS-S	SDHPCIE1600GB
	Note	For 1.6 TB HGST NVME drives, when used with B200-M4 blade servers, the minimum required board controller version is 12, which is bundled with Cisco UCS Manager Release 2.2(7b)B.
	Qlogic netw	ork adapters
	• UCSC	-PCIE-QNICBT
	• UCSC	-PCIE-QNICSFP
	Cisco UCS	VIC adapters
	• UCSC	-PCIE-C40Q-03
	• UCSC	-MLOM-C40Q-03
ucs-catalog.2.2.6f.T.bin	<u> </u>	
ucs-catalog.2.2.6e.T.bin	—	

Catalog File Name	PIDs
ucs-catalog.2.2.6c.T.bin	Additional Memory
	• UCS-ML-1X324RU-A
	• UCS-ML-1X324RU-G
	• UCS-ML-1X648RU-G
	• UCS-MR-1X162RY-A
	• UCS-MR-2X162RX-C
	• UCS-MR-2X162RY-E
	Drives
	• UCS-HD12TB10K12G
	• UCS-HD1T7K12G
	• UCS-HD1T7K6GA
	• UCS-HD2T7K12G
	• UCS-HD2T7KL12G
	• UCS-HD300G10K12G
	• UCS-HD300G15K12G
	• UCS-HD450G15K12G
	• UCS-HD4T7KL12G
	• UCS-HD600G10K12G
	• UCS-HD600G15K12G
	• UCS-HD8T7KL4K
	• UCS-HD900G10K12G
	• UCS-SD16TB12S3-EP
	• UCS-SD16TB12S4-EP
	• UCS-SD480G12S3-EP
	• UCS-SD480GBKS4-EV
	• UCS-SD800G12S4-EP
	• UCS-SD960GBKS4-EV
	• UCS-SD16TBKS4-EV
	• UCS-SD240GBKS4-EV
	• UCS-SD38TBKS4-EV
	• UCS-SD400G12S4-EP

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Catalog File Name	PIDs
ucs-catalog.2.2.5b.T.bin	—
ucs-catalog.2.2.5a.T.bin	Cisco UCS B420 M4 (UCSB-B420-M4)
	CPU : UCS-CPU-E5-4660D, UCS-CPU-E5-4650D, UCS-CPU-E5-4640D, UCS-CPU-E5-4620D, UCS-CPU-E5-4610D, UCS-CPU-E5-4669D, UCS-CPU-E5-4667D, UCS-CPU-E5-4655D, UCS-CPU-E5-4627D
	Memory : UCS-MR-1X322RU-A, UCS-MR-1X162RU-A, UCS-MR-1X081RU-A
	Cisco UCS B260 M4 (UCSB-B260-M4) and Cisco UCS B460 M4 (UCSB-B460-M4)
	CPU : UCS-CPU-E78890D, UCS-CPU-E78880D, UCS-CPU-E78870D, UCS-CPU-E78860D, UCS-CPU-E74850D, UCS-CPU-E74830D, UCS-CPU-E74820D, UCS-CPU-E74809D, UCS-CPU-E78891D, UCS-CPU-E78893D, UCS-CPU-E78880LD, UCS-CPU-E78867D
	Memory : UCS-MR-2X082RY-E, UCS-MR-2X162RY-E, UCS-ML-2X324RY-E, UCS-ML-2X648RY-E
	Cisco UCS C460 M4 (UCSC-C460-M4)
	CPU : UCS-CPU-E74809D, UCS-CPU-E74820D, UCS-CPU-E74830D, UCS-CPU-E74850D, UCS-CPU-E78860D, UCS-CPU-E78867D, UCS-CPU-E78870D, UCS-CPU-E78880D, UCS-CPU-E78880LD, UCS-CPU-E78890D, UCS-CPU-E78891D, UCS-CPU-E78893D
	Memory : UCSC-MRBD2-12, UCS-MR-1X081RU-G, UCS-MR-1X162RU-G, UCS-MR-1X322RU-G
	Storage Controller: UCSC-MRAIDC460, UCSC-MRAID12G GPU: UCSC-GPU-K80

Catalog File Name	PIDs
ucs-catalog.2.2.4b.T.bin	Additional Cisco UCS B200 M4, C220 M4, and C240 M4 Memory
	UCS-MR-1X322RU-A
	Additional Cisco UCS C220 M4, and C240 M4 Memory
	UCS-MR-1X648RU-A
	Adapters
	• UCSC-MLOM-C10T-02
	• UCSC-PCIE-C10T-02
	• UCSC-PCIE-Q8362
	Drives
	• UCS-HD18TB10KS4K
	• UCS-HD600G10KS4K
	Fabric Extender: N2K-C2232TM-E-10GE
ucs-catalog.2.2.3d.T.bin	_
ucs-catalog.2.2.3c.T.bin	—
ucs-catalog.2.2.3b.T.bin	—

Catalog File Name	PIDs
ucs-catalog.2.2.3a.T.bin	Cisco UCS B200 M4 (UCSB-B200-M4)
	CPU : UCS-CPU-E52699D, UCS-CPU-E52698D, UCS-CPU-E52697D, UCS-CPU-E52695D, UCS-CPU-E52690D, UCS-CPU-E52683D, UCS-CPU-E52680D, UCS-CPU-E52670D, UCS-CPU-E52667D, UCS-CPU-E52660D, UCS-CPU-E52658D, UCS-CPU-E52650D, UCS-CPU-E52643D
	Memory : UCS-MR-1X081RU-A, UCS-MR-1X162RU-A, UCS-ML-1X324RU-A
	Fusion IO Memory
	• UCSB-F-FIO-1300MP
	• UCSB-F-FIO-1600MS
	Cisco UCS C220 M4 (UCSC-C220-M4) and Cisco UCS C240 M4 (UCSC-C240-M4)
	CPU : UCS-CPU-E5-2620, UCS-CPU-E5-2630, UCS-CPU-E5-2630L, UCS-CPU-E5-2640, UCS-CPU-E5-2643, UCS-CPU-E5-2650, UCS-CPU-E5-2650L, UCS-CPU-E5-2660, UCS-CPU-E5-2665, UCS-CPU-E5-2670, UCS-CPU-E5-2680, UCS-CPU-E5-2690
	Memory : UCS-MR-1X081RU-A, UCS-MR-1X162RU-A, UCS-ML-1X324RU-A

Catalog File Name	PIDs
ucs-catalog.2.2.2c.T.bin	Cisco UCS B22 M3 (UCSB-B22-M3)
	CPU : UCS-CPU-E52470B, UCS-CPU-E52450B, UCS-CPU-E52440B, UCS-CPU-E52430LB, UCS-CPU-E52403B, UCS-CPU-E52420B, UCS-CPU-E52407B
	Memory : UCS-ML-1X324RY-A, UCS-MR-1X162RY-A, UCS-MR-1X082RY-A, UCS-MR-1X041RY-A
	Cisco UCS B260-M4 (UCSB-EX-M4-1)
	CPU : UCS-CPU-E78893B, UCS-CPU-E78891B, UCS-CPU-E78880LB, UCS-CPU-E78857B, UCS-CPU-E74890B, UCS-CPU-E74880B, UCS-CPU-E74870B, UCS-CPU-E74860B, UCS-CPU-E74850B, UCS-CPU-E74830B, UCS-CPU-E74820B, UCS-CPU-E74809B, UCS-CPU-E72890B, UCS-CPU-E72880B, UCS-CPU-E72870B, UCS-CPU-E772850B
	Memory : UCS-ML-2X324RY-E, UCS-MR-2X162RY-E, UCS-MR-2X082RY-E
	Cisco UCS B420-M3 (UCSB-B420-M3)
	CPU : UCS-CPU-E54603B, UCS-CPU-E54627B, UCS-CPU-E54610B, UCS-CPU-E54650B, UCS-CPU-E54607B, UCS-CPU-E54620B, UCS-CPU-E54640B, UCS-CPU-E54657LB
	Memory : UCS-ML-1X324RZ-A, UCS-MR-1X162RZ-A, UCS-MR-1X082RZ-A
	Cisco UCS B460-M4 (UCSB-EX-M4-1)
	CPU :UCS-CPU-E74809B, UCS-CPU-E74820B, UCS-CPU-E74830B, UCS-CPU-E74850B, UCS-CPU-E74860B, UCS-CPU-E74870B, UCS-CPU-E74880B, UCS-CPU-E74890B, UCS-CPU-E78857B, UCS-CPU-E78880LB, UCS-CPU-E78891B, UCS-CPU-E78893B
	Memory : UCS-ML-2X324RY-E, UCS-MR-2X082RY-E, UCS-MR-2X162RY-E
	Drives
	HDD : UCS-HD12T10KS2-E, UCS-HD450G15KS2-E, UCS-HD600G15KS2-E, UCS-HDD300G12F105
	SDD : UCS-SD200G0KS2-EP, UCS-SD240G0KS2-EV, UCS-SD400G0KS2-EP, UCS-SD800G0KS2-EP, UCS-SD960G0KS2-EV
	Chassis: UCSB-5108-HVDC

Catalog File Name	PIDs
ucs-catalog.2.2.1d.T.bin	UCS-HD12T10KS2-E
	UCS-ML-1X324RY-A
	UCS-MR-2X041RY-B
	UCS-MR-2X082RY-B
ucs-catalog.2.2.1c.T.bin	UCS-MR-1X041RY-A
	UCS-MR-1X082RY-A
	UCS-MR-1X082RZ-A
	UCS-MR-2X041RX-C
	UCS-MR-2X082RX-C
	UCS-MR-2X162RX-C
ucs-catalog.2.2.1b.T.bin	UCS-ML-1X324RZ-A
	UCS-SD200G0KS2-EP
	UCS-SD400G0KS2-EP
	UCS-SD800G0KS2-EP
	UCSB-5108-AC2
	UCSB-5108-DC2

Associated Caveats in Release 2.2

There are no caveats associated with Capability Catalog Release 2.2.

Related Documentation

The following documentation provides information about this release:

- Release Notes for Cisco UCS Software, Release 2.2
- Release Bundle Contents for Cisco UCS Software, Release 2.2
- Cisco UCS Manager GUI Configuration Guide, Release 2.2
- Cisco UCS Manager CLI Configuration Guide, Release 2.2
- Cisco UCS B-Series GUI Firmware Management Guide, Release 2.2
- Cisco UCS B-Series CLI Firmware Management Guide, Release 2.2
- Cisco UCS Manager GUI System Monitoring Guide, Release 2.2
- Cisco UCS Manager CLI System Monitoring Guide, Release 2.2

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