Release Notes for Cisco UCS Capability Catalog, Release 4.1

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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
4.1(3k)	December 15, 2021	Created release notes for Cisco UCS Capability Catalog, Release 4.1(3k). No PID changes.
4.1(3j)	October 19, 2021	Created release notes for Cisco UCS Capability Catalog, Release 4.1(3j).
4.1(3i)	August 13, 2021	Created release notes for Cisco UCS Capability Catalog, Release 4.1(3i)T.
4.1(3g)	June 18, 2021	Created release notes for Cisco UCS Capability Catalog, Release 4.1(3g)T.
4.1(3f)	May 19, 2021	Created release notes for Cisco UCS Capability Catalog, Release 4.1(3f)T.
4.1(3c)	February 09, 2021	Created release notes for Cisco UCS Capability Catalog, Release 4.1(3c)T.
	February 19, 2021	Updated the supported CPU list for C125 M5 servers.
4.1(2g)	February 12, 2021	Added CSCvx13672 to the list of Resolved Caveats.

Release	Date	Description
4.1(2f)	January 20, 2021	Created release notes for Cisco UCS Capability Catalog, Release 4.1(2f)T.
4.1(2e)	December 10, 2020	Created release notes for Cisco UCS Capability Catalog, Release 4.1(2e)T.
4.1(2d)	November 5, 2020	Created release notes for Cisco UCS Capability Catalog, Release 4.1(2d)T.
4.1(2b)	September 16, 2020	Created release notes for Cisco UCS Capability Catalog, Release 4.1(2b)T.
4.1(1e)	July 27, 2020	Created release notes for Cisco UCS Capability Catalog, Release 4.1(1e)T. No new PIDs.
4.1(1d)	June 05, 2020	Created release notes for Cisco UCS Capability Catalog, Release 4.1(1d)T.
4.1(1c)	April 08, 2020	Created release notes for Cisco UCS Capability Catalog, Release 4.1(1c)T.
4.1(1b)	March 30, 2020	Created release notes for Cisco UCS Capability Catalog, Release 4.1(1b)T.

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 4.1

Capability Catalog for Release 4.1(3j)

Table 1: Capability Catalog for Release 4.1(3j)

PID	Supported Servers
UCS-SD960G6SB-EV	B200 M5 and B480 M5 servers
UCS-SD19T6SB-EV	B200 M5 and B480 M5 servers
UCS-SD38T6SB-EV	B200 M5 and B480 M5 servers
UCS-SD78T6SB-EV	B200 M5 and B480 M5 servers
UCS-SD960G6S1X-EV	C220 M5, C240 M5, C240 SD M5, C480 ML M5, and C480 M5 servers
UCS-SD19T6S1X-EV	C220 M5, C240 M5, C240 SD M5, C480 ML M5, and C480 M5 servers
UCS-SD38T6S1X-EV	C220 M5, C240 M5, C240 SD M5, C480 ML M5, and C480 M5 servers
UCS-SD76T6S1X-EV	C220 M5, C240 M5, C240 SD M5, C480 ML M5, and C480 M5 servers
UCS-SD480G6I1X-EV	C220 M5, C240 M5, C240 SD M5, C480 ML M5, and C480 M5 servers
UCS-SD960G6I1X-EV	C220 M5, C240 M5, C240 SD M5, C480 ML M5, and C480 M5 servers
UCS-SD38T6I1X-EV	C220 M5, C240 M5, C240 SD M5, C480 ML M5, and C480 M5 servers
UCS-SD480GBIS6-EV	C220 M4, C240 M4, and C460 M4 servers B200 M4, B420 M4, B200 M5 and B480 M5 servers
UCS-SD960GBIS6-EV	C220 M4, C240 M4, and C460 M4 servers B200 M4, B420 M4, B200 M5 and B480 M5 servers
UCS-SD38TBIS6-EV	C220 M4, C240 M4, and C460 M4 servers B200 M4, B420 M4, B200 M5 and B480 M5 servers
UCS-SD480GI6-EV	B200 M6 servers
UCS-SD960GI6-EV	B200 M6 servers
UCS-SD38TI6-EV	B200 M6 servers

PID	Supported Servers
UCS-M2-I240GB	C220 M5, C240 M5, C240 SD M5, C480 ML M5, C125 M5, and C480 M5 servers B200 M5 and B480 M5 servers
UCS-M2-I480GB	C220 M5, C240 M5, C240 SD M5, C480 ML M5, C125 M5, and C480 M5 servers B200 M5 and B480 M5 servers
UCS-SD480GM3X-EP	C125 M5 servers
UCS-SD960GM3X-EP	C125 M5 servers
UCS-SD19TM3X-EP	C125 M5 servers
UCS-SD480G63X-EP	C220 M5, C240 M5, C240 SD M5, C480 ML M5, and C480 M5 servers
UCS-SD960G63X-EP	C220 M5, C240 M5, C240 SD M5, C480 ML M5, and C480 M5 servers
UCS-SD19T63X-EP	C220 M5, C240 M5, C240 SD M5, C480 ML M5, and C480 M5 servers
UCS-SD38T63X-EP	C220 M5, C240 M5, C240 SD M5, C480 ML M5, and C480 M5 servers
UCS-SD480GIS3-EP	C220 M4, C240 M4, and C460 M4 servers B200 M4, B420 M4, B200 M5 and B480 M5 servers
UCS-SD960GIS3-EP	C220 M4, C240 M4, and C460 M4 servers B200 M4, B420 M4, B200 M5 and B480 M5 servers
UCS-SD19TIS3-EP	C220 M4, C240 M4, and C460 M4 servers B200 M4, B420 M4, B200 M5 and B480 M5 servers
UCS-MR-X64G2RW	C220 M5, C240 M5, C240 SD M5, C480 ML M5, C125 M5, S3260 M5 and C480 M5 servers B200 M5 and B480 M5 servers
UCS-MR-X16G1RW	C220 M5, C240 M5, C240 SD M5, C480 ML M5, C125 M5, S3260 M5 and C480 M5 servers B200 M5 and B480 M5 servers
UCS-ML-128G4RW	C220 M5, C240 M5, C240 SD M5, C480 ML M5, C125 M5, S3260 M5 and C480 M5 servers B200 M5 and B480 M5 servers

PID	Supported Servers
UCS-MR-X32G2RW	C220 M5, C240 M5, C240 SD M5, C480 ML M5, C125 M5, S3260 M5 and C480 M5 servers
	B200 M5 and B480 M5 servers

Table 2: Capability Catalog for Release 4.1

Catalog File Name	PIDs
ucs-catalog.4.1.3i.T.bin	Drives for C3X60 M4 storage server: • UCS-C3K-HD4TB • UCS-C3K-HD4TBRR • UCSC-C3X60-HD6TB • UCSC-C3X60-6TBRR Drives for S3260 M5 storage server: • UCS-S3260-HD8TA • UCS-S3260-HD8TARR Drives for C220 M5 and C240 M5 servers: • UCS-HD4T7KL12N • UCS-HD6T7KL4KN • UCS-HD6T7KL4KM (Mid/M6) • UCS-HD8T7K4KAN • UCS-HD8T7K4KAM (Mid/M6) Drives for C220 M4 and C240 M4 servers: • UCS-HD4T7KL12G • UCS-HD6T7KL4K • UCS-HD8T7K4KAG Drives for C220 M5, C240 M5, and C480 M5 servers: • UCS-SD76TBKNK9 Drives for C220 M5, C240 M5, and C480 M5 servers: • UCS-SD960GS1X-EV • UCS-SD19TS1X-EV • UCS-SD38TS1X-EV Drives for B200 M5 and B480 M5 servers: • UCS-SD960GSB1X-EV • UCS-SD19TSB1X-EV • UCS-SD38TSB1X-EV

Catalog File Name	PIDs
ucs-catalog.4.1.3g.T.bin	Drives for C220 M5 and C240 M5 servers: • UCS-NVMEHY-W1600 • UCS-NVMEHY-W3200 • UCS-HY16TK3X-EP • UCS-HY800GK3X-EP
ucs-catalog.4.1.3f.T.bin	Drives for C125 M5, C220 M5, C240 M5, C240 SD M5, C480 M5, and C480 M5 ML servers: • UCS-SD960GBKNK9 • UCS-SD38TBKNK9 • UCS-SD800GBKNK9 • UCS-SD16TBKNK9 Drives for B200 M5 and B480 M5 servers: • UCS-SD960GBKBNK9 • UCS-SD38TBKBNK9 • UCS-SD800GBKBNK9 • UCS-SD16TBKBNK9 Drives for S3260 M5 server: • UCS-S3260-TSD8K9

Catalog File Name	PIDs
ucs-catalog.4.1.3c.T.bin	

Catalog File Name	PIDs
	Drives for C125 M5, C220 M5, C240 M5, C240 SD M5, C480 M5, and C480 M5 ML servers: • UCS-SD960GK1X-EV • UCS-SD19TK1X-EV • UCS-SD38TK1X-EV • UCS-SD76TK1X-EV • UCS-SD15TK1X-EV Drives for B200 M5 and B480 M5 servers: • UCS-SD960GKB1X-EV • UCS-SD19TKB1X-EV • UCS-SD38TKB1X-EV • UCS-SD76TKB1X-EV • UCS-SD15TKB1X-EV • UCS-SD800GKB3X-EP • UCS-SD16TKB3X-EP • UCS-SD32TKB3X-EP Drives for C125 M5, C220 M5, C240 M5, and C480 M5 servers: • UCS-SD800GK3X-EP • UCS-SD16TK3X-EP • UCS-SD32TK3X-EP Drives for S3260 M5 server: • UCS-S3260-3KSD8 • UCS-S3260-3KSD16 • UCS-S3260-3KSD32 Drives for C220 M5 and C240 M5 servers: • UCS-SD19TBEM2NK9 CPUs for C125 M5 server: • UCS-CPU-A7F32 • UCS-CPU-A7262 • UCS-CPU-A7272

Catalog File Name	PIDs
	• UCS-CPU-A7282
	• UCS-CPU-A7302
	• UCS-CPU-A7402
	• UCS-CPU-A7452

Catalog File Name	PIDs
ucs-catalog.4.1.2f.T.bin	Drives for C125 M5, C220 M5, C240 M5, C240 SD M5, C480 M5, and UCS C480 M5 ML servers: • UCS-SD960GK1X-EV • UCS-SD19TK1X-EV • UCS-SD38TK1X-EV • UCS-SD76TK1X-EV • UCS-SD15TK1X-EV Drives for B200 M5 and B480 M5 servers: • UCS-SD960GKB1X-EV • UCS-SD19TKB1X-EV • UCS-SD38TKB1X-EV • UCS-SD76TKB1X-EV • UCS-SD15TKB1X-EV Drives for C125 M5, C220 M5, C240 M5, and C480 M5 servers: • UCS-SD800GK3X-EP • UCS-SD16TK3X-EP • UCS-SD32TK3X-EP Drives for S3260 M5 server: • UCS-S3260-3KSD8 • UCS-S3260-3KSD16 • UCS-S3260-3KSD32 Drives for B200 M5 and B480 M5 servers: • UCS-SD800GKB3X-EP • UCS-SD16TKB3X-EP • UCS-SD32TKB3X-EP Drives for C220 M5 and C240 M5 servers: • UCS-SD19TBEM2NK9

Catalog File Name	PIDs
ucs-catalog.4.1.2e.T.bin	CPUs for C125 M5 servers: • UCS-CPU-A7F32 • UCS-CPU-A7302 • UCS-CPU-A7272
ucs-catalog.4.1.2d.T.bin	Drives for C220 M5 and C240 M5 servers: • UCS-HD10T7KL4KN • UCS-HD12T7KL4KN • UCS-HD16TW7KL4KN • UCS-HD18TW7KL4KN Drives for S3260-M4 and S3260-M5 servers: • UCSC-C3X60-10TB • UCSC-C3X60-10TBRR • UCS-S3260-HD12T • UCS-S3260-HD12TR Drives for S3260 M5 servers: • UCS-S3260-HDW16T • UCS-S3260-HDW16TR • UCS-S3260-HDW18T • UCS-S3260-HDW18TR Drives for UCS C220 M4 and C240 M4 servers: • UCS-HD10T7KL4K • UCS-HD12T7KL4KHM
ucs-catalog.4.1.2b.T.bin	Micro-SD Card: • UCS-S-MSD960K9
ucs-catalog.4.1.1e.T.bin	—

Catalog File Name	PIDs
ucs-catalog.4.1.1d.T.bin	CPUs for C240 M5 servers: • UCS-CPU-I6256 • UCS-CPU-I6250 Drives for C220 M5 and C240 M5 servers: • UCS-HD16T7KL4KN • UCS-HD14TT7KL4KN Drives for UCS S3260 M5 servers: • UCS-S3260-HDT14T • UCS-S3260-HDT14TR • UCS-S3260-HD16T • UCS-S3260-HD16TR
ucs-catalog.4.1.1c.T.bin	—
ucs-catalog.4.1.1b.T.bin	CPUs for UCS B200 M5, C220 M5, and C240 M5 servers: • UCS-CPU-I6258R • UCS-CPU-I6248R • UCS-CPU-I6242R • UCS-CPU-I6246R Drives: • UCS-HD10T7K4KAN • UCS-S3260-HD10TA • UCS-S3260-10TARR • UCS-HD10T7K4KAN • UCS-SD960GBM2NK9 • UCS-SD38TBEM2NK9 • UCS-SD76TBEM2NK9

Resolved Caveats

Resolved Caveats in Release 4.1(3g)

The following caveats are resolved in Release 4.1(3g):

Defect ID	Symptom	First Bundle Affected	Resolved in Release
CSCvy47381		4.1(3c)	4.1(3f)T

Defect ID	Symptom	First Bundle Affected	Resolved in Release
	Updated the the SED Flag (equipmentDriveSecCap_isSupported) as Yes for the following dirves along with the description: • UCS-SD960GBKNK9 — 960GB 2.5 inch Enterprise value 12G SAS SSD (1DWPD, SED-FIPS) • UCS-SD38TBKNK9 — 3.8TB 2.5 inch Enterprise value 12G SAS SSD (1DWPD, SED-FIPS) • UCS-SD960GBKBNK9 — 960GB 2.5 inch Enterprise value 12G SAS SSD (1DWPD, SED-FIPS) • UCS-SD38TBKBNK9 — 3.8TB 2.5 inch Enterprise value 12G SAS SSD (1DWPD, SED-FIPS) • UCS-SD800GBKNK9 — 800GB 2.5 inch Enterprise performance 12G SAS SSD (3DWPD, SED-FIPS) • UCS-SD16TBKNK9 — 1.6TB 2.5 inch Enterprise performance 12G SAS SSD (3DWPD, SED-FIPS) • UCS-SD800GBKBNK9 — 800GB 2.5 inch Enterprise performance 12G SAS SSD (3DWPD, SED-FIPS) • UCS-SD16TBKBNK9 — 1.6TB 2.5 inch		

Defect ID	Symptom	First Bundle Affected	Resolved in Release
	Enterprise performance 12G SAS SSD (3DWPD, SED-FIPS) • UCS-S3260-TSD8K9 — Cisco UCS S3260 800G SED Top Load K9		

Resolved Caveats in Release 4.1(2g)

The following caveats are resolved in Release 4.1(2g):

Defect ID	Symptom	First Bundle Affected	Resolved in Release
CSCvx13672	In Cisco UCS Manager, when a disk is inserted after activating a catalog, a disk with the *UCS-HD18TB10K4KN* PID is shows as Security Capable even though the disk is not an SED disk. This issue is resolved.	4.1(2f)T	4.1(2g)T

Related Documentation

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

Guide	Description
GUI Guide—Cisco UCS Manager Getting Started Guide	Discusses Cisco UCS architecture and Day 0 operations, including Cisco UCS Manager initial configuration and configuration best practices.
GUI Guide—Cisco UCS Manager Administration Guide CLI Guide—Cisco UCS Manager Administration Guide	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—Cisco UCS Manager Infrastructure Management Guide CLI Guide—Cisco UCS Manager Infrastructure Management Guide	Discusses physical and virtual infrastructure components used and managed by Cisco UCS Manager.

Guide	Description
GUI Guide—Cisco UCS Manager Firmware Management Guide CLI Guide—Cisco UCS Manager Firmware Management Guide	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—Cisco UCS Manager Server Management Guide CLI Guide—Cisco UCS Manager Server Management Guide	Discusses the new licenses, registering Cisco UCS domain with Cisco UCS Central, power capping, server boot, server profiles, and server-related policies.
GUI Guide—Cisco UCS Manager Storage Management Guide CLI Guide—Cisco UCS Manager Storage Management Guide	Discusses all aspects of storage management, such as SAN and VSAN in Cisco UCS Manager.
GUI Guide—Cisco UCS Manager Network Management Guide CLI Guide—Cisco UCS Manager Network Management Guide	Discusses all aspects of network management, such as LAN and VLAN connectivity in Cisco UCS Manager.
GUI Guide—Cisco UCS Manager System Monitoring Guide CLI Guide—Cisco UCS Manager System Monitoring Guide	Discusses all aspects of system and health monitoring, including system statistics in Cisco UCS Manager.