Release Notes for Cisco UCS Capability Catalog, Release 3.2

First Published: 2017-11-01

Last Modified: 2019-09-10

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
3.2(3l)	September 10, 2020	Created release notes for Cisco UCS Capability Catalog, Release 3.2(3l)T.
3.2(3k)	November 23, 2019	Created release notes for Cisco UCS Capability Catalog, Release 3.2(3k)T.
3.2(3i)	November 02, 2018	Created release notes for Cisco UCS Capability Catalog, Release 3.2(3i)T.
3.2(3h)	September 06, 2018	Created release notes for Cisco UCS Capability Catalog, Release 3.2(3h)T. No new PIDs.
3.2(3g)	August 02, 2018	Created release notes for Cisco UCS Capability Catalog, Release 3.2(3g)T.
3.2(3f)	June 28, 2018	Created release notes for Cisco UCS Capability Catalog, Release 3.2(3f)T.
3.2(3e)	June 25, 2018	Created release notes for Cisco UCS Capability Catalog, Release 3.2(3e)T. No new PIDs.

Release	Date	Description
3.2(3d)	May 24, 2018	Created release notes for Cisco UCS Capability Catalog, Release 3.2(3d)T.
3.2(3b)	April 13, 2018	Created release notes for Cisco UCS Capability Catalog, Release 3.2(3b)T.
3.2(3a)	February 26, 2018	Added information about Cisco UCS Capability Catalog, Release 3.2(3a)T.
3.2(2i)	March 21, 2018	Created release notes for Cisco UCS Capability Catalog, Release 3.2(2i)T.
3.2(2h)	February 08, 2018	Created release notes for Cisco UCS Capability Catalog, Release 3.2(2h)T.
3.2(2g)	January 08, 2018	Created release notes for Cisco UCS Capability Catalog, Release 3.2(2g)T.
3.2(2d)	November 17, 2017	Created release notes for Cisco UCS Capability Catalog, Release 3.2(2d)T.
	November 19, 2017	Updated the PID list for Cisco UCS Capability Catalog, Release 3.2(2d)T.
3.2(2c)	November 01, 2017	Created release notes for Cisco UCS Capability Catalog, Release 3.2(2c)T. Added historical information for all previous Release 3.2 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 3.2

Table 1: Capability Catalog for Release 3.2

Catalog File Name	PIDs
ucs-catalog.3.2.3l.T.bin	Drive: • UCS-HD12T7KL4NK9 Drives for UCS S3260 M5: • UCS-S-HD12TK9 • UCS-S-HD12TRK9
ucs-catalog.3.2.3k.T.bin	—
ucs-catalog.3.2.3i.T.bin	Drives: • UCS-SD480GBHBNK9 • UCS-SD960GBHBNK9 • UCS-SD38TBHBNK9 • UCS-SD480GBHTNK9 • UCS-SD960GBHTNK9 • UCS-SD38TBHTNK9
ucs-catalog.3.2.3h.T.bin	—
ucs-catalog.3.2.3g.T.bin	Drives: • UCS-HD8T7K6GAN • UCS-HD8T7K4KAN • UCS-S3260-HD8TA
ucs-catalog.3.2.3f.T.bin	Drives: • UCS-SD480GM3X-EP • UCS-SD960GM3X-EP • UCS-SD19TM3X-EP
ucs-catalog.3.2.3e.T.bin	—
ucs-catalog.3.2.3d.T.bin	Drive: • UCS-HD24T10NK9

Catalog File Name	PIDs
ucs-catalog.3.2.3b.T.bin	Drives: • UCS-SD480GH1-EV • UCS-SD960GH1-EV • UCS-SD19TH1-EV • UCS-SD38TH1-EV • UCS-SD400GBHK9 • UCS-SD800GBHK9 • UCS-SD16TBHK9 • UCS-S3260-TSD4K9

Catalog File Name	PIDs
ucs-catalog.3.2.3a.T.bin	

Catalog File Name	PIDs
	Cisco UCS S-Series Rack Server:
	• UCS-S3260-M5SRB
	Cisco UCS S3260 M5 CPUs:
	• UCS-CPU-4110
	• UCS-CPU-4114
	• UCS-CPU-5118
	• UCS-CPU-6132
	• UCS-CPU-6138
	• UCS-CPU-6152
	Memory for UCS S3260 M5:
	• UCS-MR-X16G1RS-H
	• UCS-MR-X32G2RS-H
	• UCS-ML-X64G4RS-H
	NVME SSDs for UCS S3260 M5:
	• UCS-S3260-NVM48
	• UCS-S3260-NVM416
	• UCS-S3260-NVM438
	• UCS-S3260-NVM464
	• UCS-S3260-NVG25
	• UCS-S3260-NVG210
	• UCS-S3260-NVG220
	Storage Controller for UCS S3260 M5:
	• UCS-S3260-DHBA
	• UCS-S3260-DRAID
	Disk Expansion Tray for UCS S3260 M5:
	• UCS-S3260-SFFET
	Drives for UCS S3260 M5:
	• UCS-HD18TB10KS4K
	• UCS-HD12TB10K12G
	• UCS-SD16TB12S4-EP

Catalog File Name	PIDs
	• UCS-SD800GSAS3-EP Cisco UCS B200 M5 CPUs: • UCS-CPU-5117 • UCS-CPU-8180 • UCS-CPU-8168 • UCS-CPU-6154 • UCS-CPU-8180M Cisco UCS NVMe-Optimized Rack-Mount Servers: • UCSC-C220-M5SN • UCSC-C240-M5SN • UCS-C480-M5 NVME SSDs for NVMe-optimized UCS M5 servers: • UCSC-NVMEXP-I375 • UCSB-NVMEHW-I1600 • UCSB-NVMEHW-I2000 • UCSB-NVMEHW-I3200 • UCSB-NVMEHW-I1000 • UCSB-NVMEHW-I2TBV • UCSB-NVMEHW-I4000 • UCSB-NVMELW-I500 • UCSB-NVMELW-I1000 • UCSB-NVMELW-I2000
ucs-catalog.3.2.2i.T.bin	—
ucs-catalog.3.2.2h.T.bin	Drives: • UCS-HD24TB10KS4K • UCS-HD24TB10K4KN

Catalog File Name	PIDs
ucs-catalog.3.2.2g.T.bin	Drives: • UCS-HD8T7KL4KSM • UCS-HD10T7KL4KSM • UCS-SD400GH3-EP • UCS-SD800GH3-EP • UCS-SD16TH3-EP • UCS-SD32TH3-EP • UCS-S3260-3SSD4 • UCS-S3260-3SSD8 • UCS-S3260-3SSD16 • UCS-S3260-3SSD32 • UCS-HY19TM1X-EV
ucs-catalog.3.2.2d.T.bin	Drives: • UCS-HD12T7KL4KHM • UCS-S3260-HD12T • UCS-S3260-HD12TR • UCS-HD12T7KL4KN
ucs-catalog.3.2.2c.T.bin	Drives: • UCS-HD12T7KL6GN

Catalog File Name	PIDs
ucs-catalog.3.2.2b.T.bin	

Catalog File Name	PIDs
	Cisco UCS Blade Server:
	• UCSB-B480-M5
	Cisco UCS B480 M5 CPUs:
	• UCS-CPU-8180
	• UCS-CPU-8176
	• UCS-CPU-8170
	• UCS-CPU-8164
	• UCS-CPU-8160
	• UCS-CPU-8153
	• UCS-CPU-6152
	• UCS-CPU-6148
	• UCS-CPU-6138
	• UCS-CPU-6140
	• UCS-CPU-6130
	• UCS-CPU-5120
	• UCS-CPU-5118
	• UCS-CPU-8168
	• UCS-CPU-8158
	• UCS-CPU-8156
	• UCS-CPU-6154
	• UCS-CPU-6150
	• UCS-CPU-6142
	• UCS-CPU-6132
	• UCS-CPU-6144
	• UCS-CPU-6136
	• UCS-CPU-6126
	• UCS-CPU-6146
	• UCS-CPU-6134
	• UCS-CPU-6128
	• UCS-CPU-5122
	• UCS-CPU-5115

Catalog File Name	PIDs
	• UCS-CPU-8180M
	• UCS-CPU-6142M
	• UCS-CPU-6134M
	• UCS-CPU-8176M
	• UCS-CPU-8170M
	• UCS-CPU-8160M
	• UCS-CPU-6140M
	Cisco UCS Rack-Mount Server:
	• UCSC-C480-M5
	Cisco UCS C480 M5 CPUs:

Catalog File Name	PIDs
	• UCS-CPU-8180
	• UCS-CPU-8176
	• UCS-CPU-8170
	• UCS-CPU-8164
	• UCS-CPU-8160
	• UCS-CPU-8153
	• UCS-CPU-6152
	• UCS-CPU-6148
	• UCS-CPU-6138
	• UCS-CPU-6130
	• UCS-CPU-5120
	• UCS-CPU-8168
	• UCS-CPU-8158
	• UCS-CPU-8156
	• UCS-CPU-6154
	• UCS-CPU-6150
	• UCS-CPU-6142
	• UCS-CPU-6136
	• UCS-CPU-6126
	• UCS-CPU-6134
	• UCS-CPU-8180M
	• UCS-CPU-6142M
	• UCS-CPU-8176M
	• UCS-CPU-8170M
	• UCS-CPU-8160M
	• UCS-CPU-6140M
	Memory for UCS B480 M5 and C480 M5:

Catalog File Name	PIDs
	• UCS-MR-X16G1RS-H
	• UCS-MR-X32G2RS-H
	• UCS-MR-X64G4RS-H
	• UCS-ML-X64G4RS-H
	• UCS-MR-128G8RS-H
	• UCS-ML-X32G2RS-H (B480 M5 only)
	• UCS-MR-X16G2RS-H (C480 M5 only)
	Qlogic adapters:
	• UCSC-PCIE-QD25GF
	• UCSC-PCIE-QD40GF
	Intel adapter:
	• UCSC-PCIE-IQ10GC
	NVIDIA P4 GPUs with the C240 M5 rack-mount server:
	• UCSC-GPU-P4
	NVME Devices:
	• UCSC-NVMEHW-H800
	• UCSC-NVMEM4-H800
	• UCSC-NVMEHW-H1600
	• UCSC-NVMEM4-H1600
	• UCSC-NVME-H64003
	• UCSC-NVME-H76801

Catalog File Name	PIDs
ucs-catalog.3.2.1d.T.bin	

Catalog File Name	PIDs
	Cisco UCS Blade Server: • UCSB-B200-M5 Cisco UCS B200 M5 CPUs: • UCS-CPU-8176 • UCS-CPU-8164 • UCS-CPU-8160 • UCS-CPU-6152 • UCS-CPU-6148 • UCS-CPU-6142 • UCS-CPU-6140 • UCS-CPU-6138 • UCS-CPU-6134 • UCS-CPU-6132 • UCS-CPU-6130 • UCS-CPU-6128 • UCS-CPU-5122 • UCS-CPU-5120 • UCS-CPU-5118 • UCS-CPU-5115 • UCS-CPU-4116 • UCS-CPU-4114 • UCS-CPU-4112 • UCS-CPU-4110 • UCS-CPU-4108 • UCS-CPU-3106 • UCS-CPU-3104 • UCS-CPU-8176M • UCS-CPU-6142M • UCS-CPU-6134M Cisco UCS Rack-Mount Servers:

Catalog File Name	PIDs
	• UCSC-C220-M5
	• UCSC-C240-M5
	Cisco UCS C220 M5 and C240 M5 CPUs:

Catalog File Name	PIDs
	• UCS-CPU-8180M
	• UCS-CPU-6142M
	• UCS-CPU-6134M
	• UCS-CPU-8176M
	• UCS-CPU-8170M
	• UCS-CPU-8160M
	• UCS-CPU-6140M
	• UCS-CPU-8180
	• UCS-CPU-8176
	• UCS-CPU-8170
	• UCS-CPU-8168
	• UCS-CPU-8164
	• UCS-CPU-8160
	• UCS-CPU-8158
	• UCS-CPU-8156
	• UCS-CPU-8153
	• UCS-CPU-6154
	• UCS-CPU-6152
	• UCS-CPU-6150
	• UCS-CPU-6148
	• UCS-CPU-6142
	• UCS-CPU-6140
	• UCS-CPU-6138
	• UCS-CPU-6136
	• UCS-CPU-6134
	• UCS-CPU-6132
	• UCS-CPU-6130
	• UCS-CPU-6128
	• UCS-CPU-6126
	• UCS-CPU-5122
	• UCS-CPU-5120

Catalog File Name	PIDs
	• UCS-CPU-5118
	• UCS-CPU-5115
	• UCS-CPU-4116
	• UCS-CPU-4114
	• UCS-CPU-4112
	• UCS-CPU-4110
	• UCS-CPU-4108
	• UCS-CPU-3106
	• UCS-CPU-3104
	• UCS-CPU-5120T
	• UCS-CPU-8160T
	• UCS-CPU-6130T
	• UCS-CPU-6130F
	Memory for UCS B200 M5, C220 M5 and C240 M5:
	• UCS-MR-X16G1RS-H
	• UCS-MR-X32G2RS-H
	• UCS-MR-X64G4RS-H
	• UCS-ML-X64G4RS-H
	• UCS-MR-128G8RS-H
	• UCS-MR-X16G2RS-H (C220 M5 and C240 M5 only)
	• UCS-MR-X8G1RS-H (C220 M5 and C240 M5 only)
	Qlogic adapter:
	• UCS-PCIE-QD16GF
	NVIDIA P6 GPUs with the B200 M5 blade server:
	• UCSB-GPU-P6-F
	• UCSB-GPU-P6-R
	NVIDIA P40 GPUs with the C220 M5 and C240 M5 rack-mount servers:
	• UCSC-GPU-P40
	Storage Modules:

Catalog File Name	PIDs
	• SD—UCS-MSTOR-SD
	• SATA—UCS-MSTOR-M2
	SD Cards:
	• UCS-SD-32G-S
	• UCS-SD-64G-S
	• UCS-SD-128G
	M.2 SATA Drives:
	• UCS-M2-240GB
	• UCS-M2-960GB
	NVME Devices:
	• UCSC-NVMEHW-H800
	• UCSC-NVMEHW-H1600
	• UCSC-NVMEHW-H3200
	• UCSC-NVMEHW-H6400
	• UCSC-NVMEHW-H7680
	• UCSC-NVMEHY-H800
	• UCSC-NVMEHY-H1600
	• UCSC-NVMEHY-H3200
	• UCSC-NVME-H16003
	• UCSC-NVME-H32003
	• UCSC-NVME-H38401
	• UCSC-NVME-H64003
	• UCSC-NVME-H76801

Associated Caveats in Release 3.2

There are no caveats associated with Capability Catalog Release 3.2.

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.
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.