



New and Changed Information

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This section provides information on new feature and changed behavior in Cisco UCS Manager, Release 4.2.

Table 1: New Features and Changed Behavior in Cisco UCS Manager, Release 4.2(3b)

Feature	Description	Where Documented
Cisco UCS 6536 Fabric Interconnect	Cisco UCS Manager introduces support for Cisco UCS 6536 Fabric Interconnect.	Updated multiple locations in this guide.
Cisco UCS 6536 Fabric Interconnect supports breakout SAN Pin Group configuration.	For Cisco UCS 6536 Fabric Interconnect, the FC breakout is supported on ports 33 through 36 when each port is configured with a four-port breakout cable, for example 1/36/1, 1/36/2, 1/36/3, and 1/36/4 for four FC breakout ports on physical port 36. As a result, the SAN Pin Group can also be configured with breakout ports.	See Configuring SAN Pin Group

Table 2: New Features and Changed Behavior in Cisco UCS Manager, Release 4.2(2a)

Feature	Description	Where Documented
Added Self Test Failed drive state to monitor the health and performance for SATA SSD/HDD drives.	Cisco UCS Manager now supports Self Test Failed drive state to monitor the health and performance for SATA SSD/HDD drives. This drive state indicates that the physical drive can soon become unusable and may result in loss of information.	Displaying Details of All Local LUNs Inherited By a Service Profile

Feature	Description	Where Documented
NVMe Replacement for B200 M6 Servers	Precautions for replacement of NVMe storage on B200 M6 Servers have been added.	NVMe Replacement Considerations for B200 M6, Servers

Table 3: New Features and Changed Behavior in Cisco UCS Manager, Release 4.2(1f)

Feature	Description	Where Documented
Cisco UCS M6 Controllers	Cisco UCS Manager now supports Cisco UCS C225 M6 Server with: <ul style="list-style-type: none"> • UCS C225 M6SX in C225-SFF • Direct Attached NVMe drives 	<ul style="list-style-type: none"> • Cisco Boot Optimized M.2 RAID Controller • Controller Constraints and Limitations

Table 4: New Features and Changed Behavior in Cisco UCS Manager, Release 4.2(1f)

Feature	Description	Where Documented
Cisco UCS M6 servers	Added Cisco UCS C245 M6 Server support with: <ul style="list-style-type: none"> • UCS-M2-HWRAID • UCS C245 M6SX 	Cisco Boot Optimized M.2 RAID Controller

Table 5: New Features and Changed Behavior in Cisco UCS Manager, Release 4.2(1f)

Feature	Description	Where Documented
Disable Local Storage RAID level	Added Disable Local Storage RAID level to support PCH SATA Controller (AHCI mode).	RAID Levels and Creating a Storage Profile PCH Controller Definition

Table 6: New Features and Changed Behavior in Cisco UCS Manager, Release 4.2(1d)

Feature	Description	Where Documented
Cisco UCS M6 servers	Cisco UCS Manager now supports Cisco UCS C220 M6 and UCS C240 M6 C-series servers.	Cisco Boot Optimized M.2 RAID Controller
Cisco UCS M6 controllers	Cisco UCS Manager now supports Cisco UCSC-C220-M6, UCSC-C240-M6, and UCSB-MRAID12G-M6 controllers.	Controller Constraints and Limitations

Feature	Description	Where Documented
Auto Config Mode for Aero Controllers	Cisco UCS Manager now lets you choose whether to use an automatic configuration option for storage devices on M6 servers with Aero storage controllers.	Autoconfiguration Mode for Storage Controllers
Security Protocol and Data Model (SPDM)	SPDM can now be used for authentication with the storage controller. It can be used either natively or by uploading outside security certificates.	SPDM Authentication

