



New and Changed Information

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New and Changed for UCS Manager 4.2

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

Table 1: New Features and Changed Behavior in Cisco UCS Manager, 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 topics in this guide.
Port Breakout Functionality on Cisco UCS 6536 Fabric Interconnects	Cisco UCS Manager now supports Cisco UCS 6500 Series Fabric Interconnect to configure Ethernet Breakout port configuration without leading the Fabric Interconnect to reboot.	<ul style="list-style-type: none"> • Port Breakout Functionality on Cisco UCS 6536 Fabric Interconnects • Configuring Ethernet Breakout Ports on UCS 6536 Fabric Interconnects
Port Breakout Functionality on Cisco UCS 6400 Series Fabric Interconnects	Cisco UCS Manager extends support on Cisco UCS 6400 Series Fabric Interconnect to configure Ethernet Breakout port configuration without leading the Fabric Interconnect to reboot.	<ul style="list-style-type: none"> • Port Breakout Functionality on Cisco UCS 64108 Fabric Interconnects • Port Breakout Functionality on Cisco UCS 6454 Fabric Interconnects

Feature	Description	Where Documented
Q-in-Q Forwarding support for Cisco UCS 6400 Series Fabric Interconnect and Cisco UCS 6536 Fabric Interconnect.	Cisco UCS Manager now supports configuring and unconfiguring Q-in-Q forwarding for Cisco UCS 6400 Series Fabric Interconnect and Cisco UCS 6536 Fabric Interconnect	For details, see Configuring Q-in-Q Forwarding and Unconfiguring Q-in-Q Forwarding .
Cisco UCS 6536 Fabric Interconnect supports Fibre Channel (FC) breakout port configuration	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.	Updated multiple locations in this guide.

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

Feature	Description	Where Documented
Support for auto negotiation in server ports.	In Cisco UCS 6400 Series Fabric Interconnects, the server ports can be created with auto-negotiation as enabled or disabled.	Configuring a Server Port for Forward Error Correction

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

Feature	Description	Where Documented
The Internet Group Management Protocol (IGMP)	In Multicast Policy, added IGMP Source IP Proxy State to manage the multicast membership requirements.	Multicast Policy , Configuring IGMP Parameters , and Modifying Multicast Policy Parameters
Fabric Port-Channel vHBA Reset	Ethernet uplink fabric mode supports the Fabric Port-Channel vHBA reset configuration.	Fabric Port-Channel vHBA , Enabling Fabric Port Channel vHBA reset , and Disabling fabric port channel vHBA reset

This section provides information on new feature and changed behavior in Cisco UCS Manager , Release 4.2(1d).

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

Feature	Description	Where Documented
Slow drain and watchdog timer	The watchdog timer replaces slow drain as the default function as of Cisco UCS Manager 4.2(1d) .	QoS Slow Drain Device Detection and Mitigation

Feature	Description	Where Documented
Support for N9K-C93180YC-FX3 in the Fabric Extender (FEX) mode with the Cisco UCS 6454 and Cisco UCS 64108 Fabric Interconnects.	Cisco UCS Manager 4.2(1d) now supports 25 Gbps port speed for Server ports on N9K-C93180YC-FX3 in FEX mode with the Cisco UCS 6454 and Cisco UCS 64108 Fabric Interconnects.	To connect N9K-C93180YC-FX3 in FEX mode to 25G server port require FEC configuration of CL-74 on Server ports of Cisco UCS 6400 series Fabric Interconnects. See Configuring a Server Port for Forward Error Correction .

