New and Changed Information

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This section provides information on new features and changed behavior in Cisco UCS Manager, Release 4.1.

Table 1: New Features and Changed Behavior in Cisco UCS Manager, 4.1(3e)

Feature	Description	Where Documented
The Internet Group Management Protocol (IGMP) Source IP Proxy state	In Multicast Policy, added **IGMP Source IP Proxy State** to manage the multicast membership requirements.	Multicast Policy, Creating a Multicast Policy, and Modifying a Multicast Policy

Table 2: New Features and Changed Behavior in Cisco UCS Manager, Release 4.1(3a)

Feature	Description	Where Documented
Virtual Machine Multi Queues (VMMQ)	Instructions for VMMQ policy creation and configuration on Cisco UCS Manager have been updated and expanded.	VMMQ Connection Policy
Field Programmable Gate Arrays (FPGA)	Install secure FPGA in fabric interconnect.	Installing Secure FPGA
Port Breakout Functionality on Cisco UCS 6454 Fabric Interconnects	Server support to conect to uplink ports 49-54 in Cisco UCS 6454 FIs and 97-108 in Cisco UCS 64108 FIs.	Port Breakout Functionality on Cisco UCS 6454 Fabric Interconnects

Table 3: New Features and Changed Behavior in Cisco UCS Manager, Release 4.1(2a)

Feature	Description	Where Documented
GENEVE Offload Feature	Cisco UCS Manager Release 4.1(2a) supports Generic Network Virtualization Encapsulation	GENEVE Offload

Table 4: New Features and Changed Behavior in Cisco UCS Manager, Release 4.1(1a)

Feature	Description	Where Documented
NVMe over Fabrics (NVMeoF) using RDMA over Converged Ethernet (RoCE) version 2	Cisco UCS Manager 4.1(1a) now supports configuring a RoCEv2 Ethernet adapter policy to use NVMeoF protocols with Cisco UCS VIC 1400 Series adapters on Linux.	Ethernet and Fibre Channel Adapter Policies
New algorithm for RDMA over Converged Ethernet (RoCE) protocol.	Cisco UCS Manager 4.1(1a) now supports the RoC v2 protocol on Cisco UCS VIC 1400 Series adapters.	RDMA Over Converged Ethernet Overview