New and Changed Information

This chapter includes the following sections:

New and Changed Information for this Release

The following table provides an overview of the significant changes to this guide for this current release. The table does not provide an exhaustive list of all changes made to the configuration guides or of the new features in this release. For information about new supported hardware in this release, see the *Cisco UCS B-Series Servers Documentation Roadmap* available at the following URL: http://www.cisco.com/go/unifiedcomputing/b-series-doc.

Table 1: New Features and Significant Behavioral Changes in Cisco UCS, Release 2.0(3)

Feature	Description	Where Documented
Cipher Suite	Adds support for Cipher Suite in HTTPS configuration.	Configuring Communication Services
Web Session Refresh	Enables you to configure the web session refresh period and timeout for authentication domains.	Configuring Authentication
BIOS Settings	Adds support for new BIOS settings that can be included in BIOS policies and configured from Cisco UCS Manager.	Configuring Server-Related Policies
Overview of enabling MPIO	High level information added for how to enable MPIO with iSCSI boot.	Enabling MPIO on Windows

Table 2: New Features and Significant Behavioral Changes in Cisco UCS, Release 2.0(2)

Feature	Description	Where Documented
IQN Pools	Adds support for IQN pools in Cisco UCS domains configured for iSCSI boot.	iSCSI Boot
Adapter Port Channels	Enables you to group all the physical links from a Cisco UCS Virtual Interface Card (VIC) to an I/O Module into one logical link. (Requires supported hardware.)	Configuring Ports and Port Channels
Unified Port Support for 6296 Fabric Interconnect	Enables you to use the **Configure Unified Ports** wizard to configure ports on a 6296 fabric interconnect.	Unified Ports on the 6200 Series Fabric Interconnect
Renumbering for Rack-Mount Servers	Enables you to renumber an integrated rack-mount server.	Managing Rack-Mount Servers
Changes to Behavior for Power State Synchronization	Adds information and a caution about power state synchronization, including use of the physical power button or the reset feature on a blade server or an integrated rack-mount server.	Managing Blade Servers Managing Rack-Mount Servers
BIOS Settings	Adds support for new BIOS settings that can be included in BIOS policies and configured from Cisco UCS Manager.	Configuring Server-Related Policies

Table 3: New Features in Cisco UCS, Release 2.0(1)

Feature	Description	Where Documented
Disk Drive Monitoring Support	Support for disk drive monitoring on certain blade servers and a specific LSI storage controller firmware level.	Monitoring Hardware
Fabric Port Channels	Enables you to group several of the physical links from a IOM to a fabric interconnect into one logical link for redundancy and bandwidth sharing. (Requires supported hardware.)	Configuring Ports and Port Channels
Firmware Bundle Option	Enables you to select a bundle instead of a version when updating firmware using the Cisco UCS Manager GUI.	Managing Firmware

Feature	Description	Where Documented
iSCSI Boot	iSCSI boot enables a server to boot its operating system from an iSCSI target machine located remotely over a network.	iSCSI Boot
Licensing	Updated information for new UCS hardware.	Licenses
Pre-login Banner	Displays user-defined banner text prior to login when a user logs into Cisco UCS Manager using the GUI or CLI.	Pre-Login Banner
Unified Ports	Unified ports are ports on the 6200 series fabric interconnect that can be configured to carry either Ethernet or Fibre Channel traffic.	Unified Ports on the 6200 Series Fabric Interconnect
Upstream Disjoint Layer-2 Networks	Enables you to configure Cisco UCS to communicate with upstream disjoint layer-2 networks.	Configuring Upstream Disjoint Layer-2 Networks
Virtual Interfaces	The number of vNICs and vHBAs configurable for a service profile is determined by adapter capability and the amount of virtual interface (VIF) namespace available on the adapter.	Managing Virtual Interfaces

Feature	Description	Where Documented
Virtual Interface Card Drivers	Cisco UCS Virtual Interface Card (VIC) drivers facilitate communication between supported operating systems and Cisco UCS Virtual Interface Cards (VICs).	This feature is now documented in the following installation guides: • *Cisco UCS Manager Interface Card Drivers for ESX Installation Guide* • *Cisco UCS Manager Interface Card Drivers for Linux Installation Guide* • *Cisco UCS Manager Interface Card Drivers for Windows Installation Guide* The VIC driver installation guides can be found here: http://www.cisco.com/en/US/products/ps10281/prod_installation_guides_list.html
VM-FEX Integration for VMware	Cisco Virtual Machine Fabric Extender (VM-FEX) for VMware provides management integration and network communication between Cisco UCS Manager and VMware vCenter. In previous releases, this functionality was known as VN-Link in Hardware.	This feature is now documented in the following configuration guides: • *Cisco UCS Manager VM-FEX for VMware GUI Configuration Guide* • *Cisco UCS Manager VM-FEX for VMware CLI Configuration Guide* The VM-FEX configuration guides can be found here: http://www.cisco.com/en/US/products/ps10281/products_installation_and_configuration_guides_list.html

Feature	Description	Where Documented
VM-FEX Integration for KVM (Red Hat Linux)	Cisco Virtual Machine Fabric Extender (VM-FEX) for VMware provides external switching for virtual machines running on a KVM Linux-based hypervisor in a Cisco UCS domain.	This feature is documented in the following configuration guides: • *Cisco UCS Manager VM-FEX for KVM GUI Configuration Guide* • *Cisco UCS Manager VM-FEX for KVM CLI Configuration Guide* The VM-FEX configuration guides can be found here: http://www.cisco.com/en/US/products/ps10281/products_installation_and_configuration_guides_list.html