



# New and Changed Information

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The following table provides an overview of the significant changes to the *Cisco Nexus Fabric Manager Configuration Guide, Release 1.x*.

Feature	Description	Changed in Release	Where Documented
Breakout interface support	Interface role automatically assigned.	1.3(1)	<a href="#">Editing the Switchpool Settings</a>
Candidate peer link	Role personality assigned when a leaf is connected to more than one other leaf. One such link is nominated as a vPC peer and other links are set to candidate peer link role and an associated fault is raised.		<a href="#">Editing an Interface Configuration</a>
FEX Fabric	Interface role assigned to detected FEX fabric interfaces. Manual configuration of the FEX is required.		<a href="#">Editing the Switchpool Settings</a>
New user roles.	Added Operator and Overlay-Admin roles.		<a href="#">Creating a New User</a>
9500 platform support expanded.	—		<a href="#">Supported Platforms</a>
Port Channel Improvements	Added Members tab enabling a new way to edit port channel members.  Added port channel membership editor wizard.		<a href="#">Creating a Host-Facing and Border Port Channel</a>
Routing Protocol Authentication	Ability to enable authentication in the underlay OSPF and BGP routing protocols within the fabric		<a href="#">Editing the Switchpool Settings</a>
Software support added	Additional Cisco NX-OS releases are now supported.		<a href="#">Supported Software</a>
Switch-facing role renamed to Leaf/spine.	Renaming of role only. No change in functionality.		<a href="#">Editing an Interface Configuration</a>

Feature	Description	Changed in Release	Where Documented
VLAN range definitions added.	<p>The following VLAN ranges are added:</p> <ul style="list-style-type: none"> <li>• <b>Switchpool wide VRF VLANs</b></li> <li>• <b>Switchpool wide vPC L3 peering VLANs</b></li> </ul>		<a href="#">Editing the Switchpool Settings</a>
vPC Layer 3 Peering Support	Enables you to add a point-to-point routed link in overlay VRFs between vPC switch pairs.		<a href="#">Creating a VRF</a>
vPC Cluster Created	A vPC cluster is created as soon as the peer link is available.		<a href="#">Editing a Switch Configuration</a>
Password reset	The instructions for resetting the Cisco Nexus Fabric Manager password were added.	1.2(3)	<a href="#">System Password Reset</a>
The number of supported fabric extenders.	The number of supported fabric extenders is four per leaf switch.		<a href="#">Cisco Nexus 2000 Series Fabric Extenders</a>
Extra CLI commands	A new section was added to explain the extra CLI commands feature.		<a href="#">Extra CLI Commands</a>

Feature	Description	Changed in Release	Where Documented
The <b>Auto-create port channel</b> field is now deprecated and should not be enabled. It remains here for migration purposes from older versions of Cisco Nexus Fabric Manager.	A field that specifies whether to automatically build port channels out of parallel leaf-spine links is now disabled and has moved to the <b>Advanced</b> tab.	1.2(2)	<a href="#">Editing the Switchpool Settings</a>
Added the <b>Automatic neighbor assertions</b> field	A new field that specifies whether to automatically create a fault when the neighbor of an interface or port channel changes.		<a href="#">Editing the Switchpool Settings</a>
Newly supported software has been added	Support has been added for Cisco NX-OS Release 7.0(3)I2(4) and Cisco NX-OS Release 7.0(3)I4(4)		<a href="#">Supported Software</a>
Purge feature	When a discovered device is removed from an interface, Cisco Nexus Fabric Manager maintains the linkage to the device so that the device can be added back to the port. The <b>Purge</b> feature removes all references to the removed device.		<a href="#">Purging Device References</a>

Feature	Description	Changed in Release	Where Documented
Enhancements to Switch Upgrade Workflow	A membership editor has been added to the upgrade task. Existing upgrade tasks can be easily edited using the membership editor to add or remove switches from the task.	1.2(1)	<a href="#">Starting an Upgrade.</a>
Switch cloning	A new workflow has been added to enable the importing a new switch into a switchpool based on the settings of an existing imported switch.		<a href="#">Cloning a Switch</a>
Cisco Fabric Extender (FEX) Enhanced Support	Cisco Nexus 2000 Series of Fabric Extenders (FEX) switches are now supported in a managed mode. While they must be connected to the host leaf switch through the CLI, once connected, their host facing interfaces are managed through the Cisco Nexus Fabric Manager including broadcast domain and port channel membership.		<a href="#">Cisco Nexus 2000 Series Fabric Extenders</a>
New Switchpool Settings for vPC Tuning Parameters	Users can now tune vPC performance parameters including <b>vPC delay restore</b> and <b>vPC auto-recovery reload-delay</b> from within the switchpool settings.		<a href="#">Editing the Switchpool Settings</a>
New Border Interface Role	The role of <i>Uplink</i> within previous versions of the Cisco Nexus Fabric Manager has now been renamed to <i>Border</i> .		<a href="#">Interface Management</a>
New Switchpool Settings for Default Role for Foreign Devices			<a href="#">Editing the Switchpool Settings</a>

Feature	Description	Changed in Release	Where Documented
	Users can now define the role that unknown foreign devices, those devices that are connected to a managed fabric but are not enabled with CDP or LLDP, are assigned, thereby accelerating the time required to build connectivity between connected devices.		
Enhancements to VRF Management	A membership editor has been added to the VRF function. Existing VRFs can be easily edited using the membership editor to add or remove layer 3 interfaces from the VRF. Both default VRFs are also displayed, the underlay VRF which is the switch <i>default</i> VRF and the default overlay VRF named <i>Switchpool Default</i> .		<a href="#">Tenant VRF Management</a>
Enhancements to the Untagged Broadcast Domain Configuration	The definition of an untagged broadcast domain on an interface has been added to the interface profile definition. Users can define an untagged broadcast domain from all available broadcast domains and assign the interface profile as a default profile type or easily assign it to one more host-facing or border interfaces.		<a href="#">Broadcast Domain Management</a>
Initial Release	—	1.1(1)	—