New and Changed Information

This section lists new and changed content in this document by software release.

To find additional information about new features or command changes, see the following:

- Release Notes.
- Command Reference.

Feature	Description	Changed in release	Where Documented
Port binding	You can configure a static port binding with the **auto** option.	4.2(1)SV1(4a)	"Configuring Port Binding for vEthernet Port Profiles"
Port binding	You can configure a port binding with the **dynamic [auto]** option.	4.2(1)SV1(4a)	"Configuring Port Binding for vEthernet Port Profiles"
Port channel	The Creating a Port Profile for a Port Channel chapter was moved into the *Cisco Nexus 1000V Interface Configuration Guide, Release 4.2(1)SV1(4a)*.	4.2(1)SV1(4)	"Configuring Port Channels"
Port binding	You can configure port binding for vEthernet port profiles that affects how VMware port IDs are assigned.	4.2(1)SV1(4)	"Configuring Port Binding for vEthernet Port Profiles"
Restrict the visibility of Port Profiles	Restricts port profile visibility by user or user group.	4.2(1)SV1(4)	"Restricting Port Profile Visibility"
mtu command added	The **mtu** command replaces the **system mtu** command for uplink, Ethernet type port profiles.	4.2(1)SV1(4)	"Creating a System Port Profile"
system mtu command removed	The **system mtu** command is removed and replaced by the **mtu** command for port profiles.	4.2(1)SV1(4)	"Creating a System Port Profile"
show port-profile sync-status command added	Displays interfaces that are out of sync with the port profile.	4.2(1)SV1(4)	"Verifying the Port Profile Configuration"
show port-profile virtual usage command added	Displays the port profile usage by interface.	4.2(1)SV1(4)	"Verifying the Port Profile Configuration"

Feature	Description	Changed in release	Where Documented
Atomic Inheritance	Port profile configuration applied to member interfaces.	4.2(1)SV1(4)	"Overview"
Port Profile Rollback	After configuration failure, a port profile and its member interfaces are rolled back to the last good configuration.	4.2(1)SV1(4)	"Overview"
Interface Quarantine	After a configuration failure, interfaces are shut down to maintain accurate configuration.	4.2(1)SV1(4)	"Overview"
show running-config port-profile	New command for displaying the port profile configuration.	4.0(4)SV1(2)	"Verifying the Port Profile Configuration"
Uplink port profile	Port profiles are not classified as uplink, but are, instead, configured as Ethernet or vEthernet.	4.0(4)SV1(2)	*Cisco Nexus 1000V Interface Configuration Guide, Release 4.2(1)SV1(4a)*
Configuration limits	Added configuration limits for vEthernet interfaces, vEthernet trunks, port profiles, system profiles, and PVLANs.	4.0(4)SV1(2)	"Port Profile Configuration Limits"
vPC-Host Mode	Support for the following: • Manual creation of subgroups. • Connecting to upstream switches that do not support port channels using MAC Pinning.	4.0(4)SV1(2)	*Cisco Nexus 1000V Interface Configuration Guide, Release 4.2(1)SV1(4a)*
MAC Pinning	Connecting to upstream switches that do not support port channels using the MAC-pinning command.	4.0(4)SV1(2)	*Cisco Nexus 1000V Interface Configuration Guide, Release 4.2(1)SV1(4a)*
Static Pinning	Support for pinning or directing traffic for a vEthernet interface, control VLAN, or packet VLAN to a specific port channel subgroup.	4.0(4)SV1(2)	*Cisco Nexus 1000V Interface Configuration Guide, Release 4.2(1)SV1(4a)*
Port Profile Type	Creation of port-profiles includes the optional type field, which specifies the port profile as either Ethernet or vEthernet. By default, a port profiles is created as a vEthernet type.	4.0(4)SV1(2)	"Creating Port Profiles"
[**no**] **capability uplink** command	The **capability uplink** command has been superseded by the **port-profile** [**type** {**ethernet** | **vethernet**}] *name* command. To configure a port profile with uplink capability, configure the port profile as an Ethernet type. The **no capability uplink** command has been removed.	4.0(4)SV1(2)	"Creating Port Profiles"
show running-config command	This command now shows the port profile type (Ethernet or vEthernet). Also, you can optionally specify to show only the port profile configurations.	4.0(4)SV1(2)	"Verifying the Port Profile Configuration"

Feature	Description	Changed in release	Where Documented
show port-profile name command	This command shows the port profile type and does not show the capability uplink. This command also shows the pinning and channel-group configuration.	4.0(4)SV1(2)	"Verifying the Port Profile Configuration"
system mtu command	This command allows you to preserve a non-default MTU setting on the PNIC attached to the Cisco Nexus 1000V across reboots of the ESX server.	4.0(4)SV1(3)	"Configuring System Port Profiles"

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