New and Changed Information

This section describes the information in this document that is either new or has changed with each 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
VSI Discovery and Configuration Protocol	Added new section for troubleshooting commands for VSI Discovery and Configuration Protocol (VDP).	4.2(1)SV2(2.2)	"VSI Discovery and Configuration Protocol"
VXLAN Gateway	Added section for troubleshooting commands for VXLAN Gateway.	4.2(1)SV2(2.1)	"VXLANs"
Upgrade	Added section for problems with VSM-VEM Layer 2 to 3 Conversion Tool.	4.2(1)SV2(1.1)	Upgrade
Ethanalyzer	Added Ethanalyzer as a Nexus 1000V protocol analyzer tool content.	4.2(1)SV2(1.1)	Ethanalyzer
DHCP Enhancements	Added the troubleshooting commands for DHCP.	4.2(1)SV2(1.1)	DHCP, DAI, and IPSG Troubleshooting Commands
High Availability	Updated the high availability section. Added command output for the new command **show system internal active-active remote accounting logs** and updated the output for the **show system redundancy status** command.	4.2(1)SV2(1.1)	High Availability
Licensing	Added the **svs license transfer src-vem** *<vem no>* **license_pool** command to troubleshoot the issues with checking out the licenses or returning them to the license pool.	4.2(1)SV2(1.1)	License Troubleshooting Commands
Nexus 1000V VC Plugin Installation	Added new section to troubleshoot the Nexus 1000V VC Plugin Installation.	4.2(1)SV2(1.1)	vCenter Plug-in

Feature	Description	Changed in release	Where Documented
Nexus 1000V Installation Management Center	Added new section to troubleshoot the Nexus 1000V Installation Management Center.	4.2(1)SV1(5.1)	"Problems with the Nexus 1000V Installation Management Center"
Recovering Management and Control Connectivity of a Host	Added new section to recover management and control connectivity of a host when a VSM is running on a VEM	4.2(1)SV1(5.1)	"Recovering Management and Control Connectivity of a Host when a VSM is Running on a VEM"
ACL Logging	Added new section to troubleshoot ACL Logging.	4.2(1)SV1(5.1)	"Troubleshooting ACL Logging"
NSM	Added new chapter to troubleshoot the Network Segmentation Manager (NSM).	4.2(1)SV1(5.1)	"Network Segmentation Manager"
VXLAN	Added new chapter to troubleshoot the Virtual Extensible Local Area Network (VXLAN).	4.2(1)SV1(5.1)	"VXLANs"
Microsoft NLBUnicast Mode	Added new section for troubleshooting Microsoft Network Load Balancing (NLB) Unicast mode	4.2(1)SV1(5.1)	"Layer 2 Switching"
In service software upgrade (ISSU)	Added new section for troubleshooting ISSU.	4.2(1)SV1(4a)	"Upgrade"
VEM software upgrade	Added new section for troubleshooting VEM software upgrade.	4.2(1)SV1(4a)	"Upgrade"
DHCP, DAI, IPSG	Added new section for troubleshooting DHCP, Dynamic ARP Inspection, and IP Source Guard.	4.2(1)SV1(4)	"DHCP, DAI, and IPSG"
Virtual Service Domain	Added new section for troubleshooting Virtual Service Domain.	4.2(1)SV1(4)	"Virtual Service Domain"
Port profiles	Added section for port profiles, new information about quarantined port profiles.	4.2(1)SV1(4)	"Port Profiles"
Upgrade	Added new section for troubleshooting upgrade problems.	4.2(1)SV1(4)	"Upgrade"
VEM health check	The VEM health check shows the cause of a connectivity problem and recommends next steps in troubleshooting.	4.0(4)SV1(3)	"Checking Network Connectivity Between the VSM and the VEM"
VSM connection failure after ESX reboot	The section describes how to prevent loss of connectivity related to an MTU mismatch following a reboot of the ESX.	4.0(4)SV1(3)	"Connection Failure After ESX Reboot"