




## 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 the VSI Discovery and Configuration Protocol (VDP).	4.2(1)SV2(2.2)	<a href="#">VSI Discovery and Configuration Protocol</a>
VXLAN Gateway	Added a section for troubleshooting commands for VXLAN Gateway.   <b>Note</b> Starting with Release 5.2(1)SV3(1.15), Cisco Nexus 1000V for VMware vSphere does not support the VXLAN Gateway feature.	4.2(1)SV2(2.1)	<a href="#">VXLANs</a>
Upgrade	Added section for problems with VSM-VEM Layer 2 to 3 Conversion Tool.	4.2(1)SV2(1.1)	<a href="#">Upgrades</a>
Ethalyzer	Added Ethalyzer as a Cisco Nexus 1000V protocol analyzer tool content.	4.2(1)SV2(1.1)	<a href="#">Ethalyzer</a>
DHCP Enhancements	Added the troubleshooting commands for DHCP.	4.2(1)SV2(1.1)	<a href="#">DHCP, DAI, and IPSG Troubleshooting Commands</a>
High Availability	Updated the high availability section. Added a command output for the new <b>show system internal active-active remote accounting logs</b> command and updated the output for the <b>show system redundancy status</b> command.	4.2(1)SV2(1.1)	<a href="#">High Availability</a>

Feature	Description	Changed in release	Where Documented
Licensing	Added the <b>svs license transfer src-vem vem no license_pool</b> command to troubleshoot the issues with checking out the licenses or returning them to the license pool.	4.2(1)SV2(1.1)	<a href="#">License Troubleshooting Commands</a>
Nexus 1000V VC Plugin Installation	Added a new section to troubleshoot the Cisco Nexus 1000V VC plugin installation.	4.2(1)SV2(1.1)	<a href="#">vCenter Plug-in</a>
Nexus 1000V Installation Management Center	Added a new section to troubleshoot the Cisco Nexus 1000V Installation Management Center.	4.2(1)SV1(5.1)	<a href="#">Problems with the Cisco Nexus 1000V Installation Management Center</a>
Recovering Management and Control Connectivity of a Host	Added a 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)	<a href="#">Recovering Management and Control Connectivity of a Host When a VSM is Running on a VEM</a>
ACL Logging	Added a new section to troubleshoot ACL Logging.	4.2(1)SV1(5.1)	<a href="#">Troubleshooting ACL Logging</a>
NSM	Added a new chapter to troubleshoot the Network Segmentation Manager (NSM).	4.2(1)SV1(5.1)	<a href="#">Network Segmentation Manager</a>
VXLAN	Added a new chapter to troubleshoot the Virtual Extensible Local Area Network (VXLAN).	4.2(1)SV1(5.1)	<a href="#">VXLANs</a>
Microsoft NLBUncast Mode	Added a new section for troubleshooting Microsoft Network Load Balancing (NLB) unicast mode.	4.2(1)SV1(5.1)	<a href="#">Layer 2 Switching</a>
In service software upgrade (ISSU)	Added a new section for troubleshooting ISSU.	4.2(1)SV1(4a)	<a href="#">Upgrades</a>
VEM software upgrade	Added a new section for troubleshooting a VEM software upgrade.	4.2(1)SV1(4a)	<a href="#">Upgrades</a>
DHCP, DAI, IPSG	Added a new section for troubleshooting DHCP, Dynamic ARP Inspection, and IP Source Guard.	4.2(1)SV1(4)	<a href="#">DHCP, DAI, and IPSPG</a>
Port profiles	Added a new section for port profiles and new information about quarantined port profiles.	4.2(1)SV1(4)	<a href="#">Port Profiles</a>
Upgrade	Added a new section for troubleshooting upgrade problems.	4.2(1)SV1(4)	<a href="#">Upgrades</a>
VEM health check	Added information about the VEM health check that shows the cause of a connectivity problem.	4.0(4)SV1(3)	<a href="#">Checking Network Connectivity Between the VSM and the VEM</a>

Feature	Description	Changed in release	Where Documented
Storm Control	Added information about how to identify and resolve the problems related to storm control.	5.2(1)SV3(1.1)	<a href="#">Storm Control</a>
L3Sec	Added information about how to secure the internal control plane communications (Control and Packet traffic) of Cisco Nexus 1000V in a more robust way than in previous releases. It operates only in Layer 3 control mode.	5.2(1)SV3(1.1)	<a href="#">L3Sec</a>

