



## New and Changed Information

This chapter provides release-specific information for each new and changed feature in the *Cisco Nexus 7000 Series NX-OS Virtual Device Context Configuration Guide*. The latest version of this document is available at the following Cisco website:

[http://www.cisco.com/en/US/products/ps9402/products\\_installation\\_and\\_configuration\\_guides\\_list.html](http://www.cisco.com/en/US/products/ps9402/products_installation_and_configuration_guides_list.html)

To check for additional information about Cisco NX-OS releases, see the *Cisco Nexus 7000 Series NX-OS Release Notes* available at the following Cisco website:

[http://www.cisco.com/en/US/products/ps9402/prod\\_release\\_notes\\_list.html](http://www.cisco.com/en/US/products/ps9402/prod_release_notes_list.html)

**Table 1** summarizes the new and changed features for the *Cisco Nexus 7000 Series NX-OS Virtual Device Context Configuration Guide*, and tells you where they are documented.

**Table 1** *New and Changed Features*

Feature	Description	Changed in Release	Where Documented
Support for F3 Series modules.	Added support for F3 Series modules.	6.2(6)	<a href="#">Chapter 1, “Managing VDCs”</a>
Cisco Nexus 7710 switch and Cisco Nexus 7718 switch	Added support for the Cisco Nexus 7710 switch and the Cisco Nexus 7718 switch on the Supervisor 2e module.	6.2(2)	<a href="#">Chapter 1, “Overview,”</a> and <a href="#">Chapter 1, “Information About Admin VDCs”</a>
Supervisor 1 module	Added support for Admin VDC on Supervisor 1 module.	6.2(2)	<a href="#">Chapter 1, “Information About Admin VDCs,”</a> and <a href="#">Chapter 1, “Creating VDCs”</a>
F2e Series module	Added the ability to enable the F2e Series module (a new configurable VDC module type, independent from and separate to the F2 VDC module type) on the chassis.	6.2(2)	<a href="#">Chapter 1, “Creating VDCs,”</a> and <a href="#">Chapter 1, “Managing VDCs”</a>
Switchwide VDC mode	Added the ability to enable specific line cards in the chassis and prevent others from powering on.	6.1(3)	<a href="#">Chapter 1, “Managing VDCs”</a>
Support for F2e Series module	Added support for F2e Series as part of F2 Series modules.	6.1(2)	<a href="#">Chapter 1, “Managing VDCs”</a>
Admin VDC	Added support for admin VDC.	6.1(1)	<a href="#">Chapter 1, “Configuring an Admin VDC”</a> and <a href="#">Chapter 1, “Creating VDCs”</a>

**Table 1** *New and Changed Features (continued)*

<b>Feature</b>	<b>Description</b>	<b>Changed in Release</b>	<b>Where Documented</b>
Supervisor modules, Number of VDCs and storage VDCs.	Added support for the new supervisor modules and the supported number of VDCs. Added support for storage VDCs.	6.1(1)	Chapter 1, “Overview,” Chapter 1, “Configuring an Admin VDC,” and Chapter 1, “Creating VDCs”
CPU Shares	Added support for CPU shares on a VDC.	6.1(1)	Chapter 1, “Managing VDCs”
VDC resource limits	Added support for M2 Series modules.	6.1(1)	Chapter 1, “Managing VDCs”
VDC resource limits	Added support for F2 Series modules.	6.0(1)	Chapter 1, “Managing VDCs”
FCoE	Added support for storage VDCs and the FCoE feature.	5.2(1)	Chapter 1, “Overview,” Chapter 1, “Configuring an Admin VDC,” and Chapter 1, “Creating VDCs”
MAC addresses	The default VDC has a MAC address, and subsequent nondefault VDCs that are created are assigned MAC addresses.	5.2(1)	Chapter 1, “Managing VDCs”
VDC resource limits	Added support for M Series modules.	5.2(1)	Chapter 1, “Managing VDCs”
N7K-F132XP-15 module	Added support for the N7K-F132XP-15 module.	5.1(1)	Chapter 1, “Overview,” Chapter 1, “Creating VDCs” and Chapter 1, “Managing VDCs”
VDC resource limits	Added the ability to configure ERSPAN monitor session resource limits.	5.1(1)	Chapter 1, “Managing VDCs”
VDC resource limits	The range for the minimum and maximum values changed for the <b>limit-resource m4route-mem</b> , <b>limit-resource m6route-mem</b> , <b>limit-resource u4route-mem</b> , <b>limit-resource u6route-mem</b> , and <b>limit-resource vrf</b> commands.	5.0(2)	Chapter 1, “Configuring VDC Resource Templates” and Chapter 1, “Managing VDCs”
Restarting VDCs	The <b>vdc restart</b> command was replaced by the <b>reload vdc</b> command.	4.2(4)	Chapter 1, “Managing VDCs”
Suspending and resuming VDCs	You can suspend and resume nondefault VDCs.	4.2(1)	Chapter 1, “Managing VDCs”
Restarting VDCs	You can restart active nondefault VDCs and nondefault VDCs in the failed state.	4.2(1)	Chapter 1, “Managing VDCs”
Reloading VDCs	You can reload nondefault VDCs.	4.2(1)	Chapter 1, “Managing VDCs”
VDC prompt format	You can change the format of the CLI prompt for nondefault VDCs.	4.2(1)	Chapter 1, “Managing VDCs”
VDC boot order	You can configure the boot order for nondefault VDCs.	4.2(1)	Chapter 1, “Managing VDCs”
VDCs and tunnel interfaces	You can put tunnel interfaces into nondefault VDCs and VRFs.	4.2(1)	Chapter 1, “Overview”
IPv4 and IPv6 unicast route memory resources	Changed the default value for the maximum limits.	4.1(2)	Chapter 1, “Configuring VDC Resource Templates” and Chapter 1, “Managing VDCs”

**Table 1**      *New and Changed Features (continued)*

<b>Feature</b>	<b>Description</b>	<b>Changed in Release</b>	<b>Where Documented</b>
Multicast route memory resources	Added IPv4 and IPv6 multicast route memory resources.	4.1(2)	<a href="#">Chapter 1, “Configuring VDC Resource Templates”</a> and <a href="#">Chapter 1, “Managing VDCs”</a>
Port channel resource	Changed the default value for the maximum limit.	4.1(2)	<a href="#">Chapter 1, “Configuring VDC Resource Templates”</a> and <a href="#">Chapter 1, “Managing VDCs”</a>
IPv4 unicast route memory resource	Changed the default maximum value from 256 to 320.	4.0(2)	<a href="#">Chapter 1, “Configuring VDC Resource Templates”</a> and <a href="#">Chapter 1, “Managing VDCs”</a>
IPv6 unicast route memory resource	Changed the default maximum value from 256 to 192.	4.0(2)	<a href="#">Chapter 1, “Configuring VDC Resource Templates”</a> and <a href="#">Chapter 1, “Managing VDCs”</a>

