



## New and Changed Information

This chapter lists the New and Changed features for this guide, starting with MDS NX-OS Release 5.0(1a).

**Table 1: New and Changed Features**

Feature	New and Change Topics	Changed in Release	Where Documented
Zone Server Enhancements	<p>The Zone Server performance is enhanced using the following features:</p> <ul style="list-style-type: none"> <li>• Zone Server FCNS Shared Database</li> <li>• Zone Server SNMP Optimizations</li> <li>• Zone Server Delta Distribution</li> </ul>	7.3(0)D1(1)	<a href="#">Configuring and Managing Zones</a>
Device Alias Diffs-only Distribution	When this feature is enabled on all the switches in a fabric, it enables better scalability.	7.3(0)D1(1)	<a href="#">Device Alias Diffs-Only Distribution</a>
Organizationally Unique Identifiers	This feature introduces a new command which enables dynamic addition of Organizationally Unique Identifiers (OUIs) to the system OUI database.	7.3(0)D1(1)	<a href="#">Organizationally Unique Identifiers</a>
Confirm commit device-alias Confirm commit zone	Added pending-diff display on commit for zone and device-alias.	6.2(9)	<a href="#">Organizationally Unique Identifiers</a> <a href="#">Configuring and Managing Zones</a>
FC and FCOE Scale – Device Alias	Added “Device Alias Configuration Best Practices” section.	6.2(9)	<a href="#">Organizationally Unique Identifiers</a>

Feature	New and Change Topics	Changed in Release	Where Documented
Fibre Channel Common Transport Management Server Query	Configuring Fibre Channel Common Transport Management Server Query	6.2(9)	<a href="#">Configuring Fibre Channel Common Transport Management Security</a>
FCNS, RSCN	<p>Added bulk notification feature to improve the performance of all the components listening to FCNS database changes.</p> <p>Added coalesced SWRSCN to improve RSCN performance.</p> <p>Added “Displaying Fabric Switch Information” section.</p>	6.2(7)	<a href="#">Managing FLOGI, Name Server, FDMI, and RSCN Databases</a>
Smart Zoning	Added the command output.	6.2(7)	<a href="#">Configuring and Managing Zones</a>
Smart Zoning	Added the Smart Zoning section.	5.2.6	<a href="#">Configuring and Managing Zones</a>
FICON Tape Read Acceleration	Added “FICON Tape Acceleration” section.	5.0(1a)	<a href="#">Configuring FICON</a>