



New and Changed Information

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Change Summary

This chapter lists the New and Changed features for this guide.

Table 1: New and Changed Features

Feature	New and Change Topics	Changed in Release	Where Documented
Device Alias	The default device alias mode is changed to enhanced mode.	8.5(1)	Distributing Device Alias Services
Zoning Single Session	A new option to allow only a single configuration session at a time on a switch when in enhanced zoning mode.	8.4(2)	Configuring and Managing Zones
Autozone	Autozone provides options to enable or disable automatically saving of the running configuration to the startup-configuration after making a zoning change, using the enableautosave and disableautosave options respectively.	8.4(1)	Configuring and Managing Zones
Autozone	The Autozone feature is a mechanism to automate zoning via a single command or to allow minimal effort for deploying of fabric switches that support 32 Gbps or higher speed Fibre Channel interfaces.	8.3(1)	Configuring and Managing Zones
FLOGI Scale Optimization	Changed the default FLOGI quiesce timeout value from 2000 to 0 millisecond.	8.3(1)	Managing FLOGI, Name Server, FDMI, and RSCN Databases
Virtual Machine Identifier (VMID)	VMID support allows unique identification of virtual machines (VMs) by SAN fabric infrastructure.	8.2(1)	Managing FLOGI, Name Server, FDMI, and RSCN Databases

Feature	New and Change Topics	Changed in Release	Where Documented
FLOGI Scale Optimization	The FLOGI scale optimization feature enables users to increase the chassis-wide FLOGI scale limits. This feature is supported only on Cisco MDS 9718 Directors.	8.1(1)	FLOGI Scale Optimization
Zone Server Enhancements	The Zone Server performance is enhanced using the following features: <ul style="list-style-type: none"> • Zone Server FCNS Shared Database • Zone Server SNMP Optimizations • Zone Server Delta Distribution 	7.3(0)D1(1)	Configuring and Managing Zones
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)	Distributing Device Alias Services
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)	Organizationally Unique Identifiers
Confirm commit device-alias Confirm commit zone	Added pending-diff display on commit for zone and device-alias.	6.2(9)	Distributing Device Alias Services Configuring and Managing Zones
FC and FCOE Scale – Device Alias	Added “Device Alias Configuration Best Practices” section.	6.2(9)	Distributing Device Alias Services
Fibre Channel Common Transport Management Server Query	Configuring Fibre Channel Common Transport Management Server Query	6.2(9)	Configuring Fibre Channel Common Transport Management Security
FCNS, RSCN	Added bulk notification feature to improve the performance of all the components listening to FCNS database changes. Added coalesced SWRSCN to improve RSCN performance.	6.2(7)	Managing FLOGI, Name Server, FDMI, and RSCN Databases
	Added “Displaying Fabric Switch Information” section.	6.2(7)	Configuring and Managing Zones
Smart Zoning	Added the command output.	6.2(7)	Configuring and Managing Zones
Smart Zoning	Added the Smart Zoning section.	5.2.6	Configuring and Managing Zones
FICON Tape Read Acceleration	Added “FICON Tape Acceleration” section.	5.0(1a)	Configuring FICON