New and Changed Information

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Table 1: New and Changed Features

Feature	Description	Changed in Release	Where Documented
Layer 3 ECMP DLB, Hierarchical WCMP, and IP load-sharing on Cisco N93C64E-SG2-Q and N9364E-SG2-O switches	Added support for Layer 3 ECMP Dynamic Load Balancing, Hierarchical Weighted ECMP, and IP load-sharing on Cisco N93C64E-SG2-Q and N9364E-SG2-O switches	10.5(3)F	Configure Dynamic Load Balancing Dynamic Load Balancing on Silicon One switches
Support for Layer 3 unicast and routing features on the Cisco N93C64E-SG2-Q switch	Added support unicast and routing features: • IPv4 and IPv6 routing • Layer 3 ECMP • ECMP hashing	10.5(3)F	Guidelines and Limitations for the Cisco N9364E-SG2-Q Fixed Switch
Next-hop resolution using VRF	The **set vrf** command in a route-map allows you to specify the VRF context that should be used for route lookups or next-hop resolution. This command allows you to control which VRF is used to lookup routes, rather than defaulting to the VRF associated with the ingress interface.	10.5(2)F	Set Criteria for Policy-Based Routing Route Map Support Matrix for Policy-Based Routing Guidelines and Limitations for Policy-Based Routing Configuring a Route Policy Redirecting to VRF using a Route-Map

Feature	Description	Changed in Release	Where Documented
ECMP Dynamic Load Balancing (DLB)	Provides for Layer 3 ECMP dynamic load balancing based on current load on the link	10.5(1)F	Dynamic Load Balancing
ECMP Dynamic Load Balancing Static Pinning	Support static-pinning where a source port can be pinned to a destination port which is part of a DLB Enabled ECMP Group. All the traffic from this source port will be sent to the pinned destination port.	10.5(1)F	Dynamic Load Balancing
Exclude-L3-Proto in ECMP hashing	Added the **exclude-l3-proto** option to the **ip load-sharing address** command to allow the exclusion of the IP protocol from ECMP hashing during next-hop selection on Cisco Nexus 9300-GX2 Series switches.	10.5(1)F	Configuring Load Sharing in the Unicast FIB
Detailed information added in show commands for routes advertised to or received from a specific neighbor.	Added the **detail** to the **show bgp {ipv4	ipv6} neighbors {<ip-address>	<ipv6-prefix>} routes {advertised	received} [vrf <vrf-name>]** detailed information of all routes advertised to or received from a specific neighbor.	10.5(1)F	Configuring Dynamic AS Numbers for Prefix Peers
Unequal Cost Multi Path Load balancing with BGP Link bandwidth Extended Community attribute	Added new features to support Unequal Cost Multi Path Load balancing with BGP Link bandwidth Extended Community attribute.	10.5(1)F	DMZ Link Bandwidth