



## New and Changed Information

This chapter provides release-specific information for each new and changed feature in the Cisco Nexus 3000 Switch NX-OS Unicast Routing Configuration Guide, Release 7.x. The latest version of this document is available at the following Cisco website:

<http://www.cisco.com/c/en/us/support/switches/nexus-3000-series-switches/products-installation-and-configuration-guides-list.html>

To check for additional information, see the Cisco Nexus 3000 Switch NX-OS Release Notes, Release 7.x available at the following Cisco website:

<http://www.cisco.com/c/en/us/support/switches/nexus-3000-series-switches/products-release-notes-list.html>

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The following table provides an overview of the significant changes made to this configuration guide. The table does not provide an exhaustive list of all changes to this guide or all new features in a particular release.

**Table 1: New and Changed Features Information**

Feature	Description	Changed in Release	Where Documented
IP Routing	Added a command that sets the logging conditions for IP packets that the NX-OS software forwards.	7.0(3)I7(7)	<a href="#">Configuring Logging for Software Forwarding of IP Packets</a>
BGP Routing	Added the <b>all</b> keyword for <b>next-hop-self</b> . This optional keyword controls whether reflected routes have their next hops changed.	7.0(3)I7(6)	Controlling Reflected Routes Through Next Hop Self
IS-IS SR	Added support for IS-IS SR	7.0(3)I7(3)	Guidelines and Limitations for IS-IS
HSRP over VXLAN	Extend support to these Cisco Nexus switches - C3132Q-V, C31108PC-V, and C31108TC-V.	7.0(3)I7(1)	Guidelines and Limitations

Feature	Description	Changed in Release	Where Documented
IPv6 Stateless Autoconfiguration	Introduced this feature.	7.0(3)I6(1)	IPv6 Stateless Autoconfiguration Configuring IPv6 Stateless Autoconfiguration
HSRP VIP	Introduced this feature.	7.0(3)I6(1)	HSRP VIP
BGP Monitoring Protocol (BMP)	Introduced this feature.	7.0(3)I5(2)	Configuring Advanced BGP
IS-IS	Added support for Integrated Intermediate System-to-Intermediate System (IS-IS)	7.0(3)I4(1)	Configuring IS-IS
OSPF Area ID	Added support for the match ospf-area command.	7.0(3)I4(1)	Configuring Route Maps
OSPFv2	Added support for HMAC-SHA authentication and RFC 5709.	7.0(3)I3(1)	Configuring OSPFv2 IETF RFCs
OSPFv3	Added support for IPsec authentication and partial support for RFC 4552.	7.0(3)I3(1)	Configuring OSPFv3 IETF RFCs
BFD startup timer.	Added support for BFD startup timer.	7.0(3)I2(1)	Default Settings Configuring Global BFD Parameters
Support for configuring BGP weighted ECMP.	Added support for configuring weighted ECMP.	7.0(3)I2(1)	Configuring Weighted ECMP over BGP
Support for configuring dynamic ECMP group resizing	Added support for configuring dynamic ECMP group resizing.	7.0(3)I2(1)	Configuring Dynamic ECMP Group Resizing