



New and Changed IP Addresses and Services Features

This table summarizes the new and changed feature information for the *IP Addresses and Services Configuration Guide for Cisco 8000 Series Routers*, and tells you where they are documented.

- [IP Addresses and Services Features Added or Modified in IOS XR Release 24.x.x](#), on page 1

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Table 1: New and Changed Features

Feature	Description	Changed in Release	Where Documented
Per-NPU Hash Rotation	This feature was introduced.	Release 24.4.1	Per-NPU hash rotation
HSRP over Physical Interfaces and Bundle Interfaces	This feature was introduced.	Release 24.2.11	HSRP over Physical Interfaces and Bundle Interfaces
Internal VRF based Forwarding	This feature was introduced.	Release 24.2.11	Internal VRF based Forwarding
IPv4 and IPv6 ACLs in Layer 2	This feature was introduced.	Release 24.2.11	IPv4 and IPv6 ACLs in Layer 2
TCP Dump File Converter	This feature was introduced.	Release 24.2.11	TCP Dump File Converter
VRRP over Physical Interfaces and Bundle Interfaces	This feature was introduced.	Release 24.2.11	VRRP over Physical Interfaces and Bundle Interfaces

Feature	Description	Changed in Release	Where Documented
Shortened IPv6 Routing Prefixes	This feature was introduced.	Release 24.1.1	Shortened IPv6 Routing Prefixes