Discontinuation of P Image for Cisco CRS in Cisco IOS XR Software Release 4.2.0 and Later

Support for P and PX images was introduced in Release 4.0.0 of Cisco IOS® XR Software for Cisco® Carrier Routing System (CRS). For example, Release 4.0.0 supports both XC-RP-P-04.00 and XC-RP-PX-04.00 images. PX is a superset of P image and is required to support Cisco CRS-3 hardware and Performance Route Processors (PRPs). This product bulletin gives notice that starting with Cisco IOS XR Release 4.2.0, the Cisco CRS will support only the PX image. Table 1 depicts the P and PX support matrix for Cisco IOS XR Software.

Table 1.   P and PX Support Matrix for Cisco IOS XR Software Releases 4.0.x, 4.1.x, and 4.2.x

Product	Cisco IOS XR 4.0.x and 4.1.x		Cisco IOS XR 4.2.0 and Later
	P	PX	PX
Cisco CRS-1	Supported	Supported	Supported
Cisco CRS-3	Not supported	Supported	Supported
Performance Route Processors CRS-8-PRP-6G= CRS-8-PRP-12G= CRS-16-PRP-6G= CRS-16-PRP-12G=	Not supported	Supported	Supported
Route Processors CRS-16-RP-B= CRS-8-RP=	Supported	Supported	Supported

Upgrade Paths

To upgrade to Cisco IOS XR Release 4.2.0, customers must either upgrade their route processor (RP) flash disks to 4GB or migrate to PRPs. Cisco recommends the PRP migration option.

The Cisco CRS Performance Route Processors are the next-generation route processors for the CRS-1 and CRS-3 platforms. PRPs are equipped with 6 GB or 12 GB of fast double data rate 3 (DDR3) error correction code (ECC) memory and offer extremely fast routing performance at exceptional scale for large core and edge applications. PRPs also include a pair of Solid State Drives (SSDs) for fast software installation and bootup. Like the ECC memory, which protects against memory errors, the dual SSDs guard against drive failure by mirroring the boot partition that stores the Cisco IOS-XR Software.

Ordering Information

To place an order, visit the Cisco Ordering Home Page. To download software, visit the Cisco Software Center.

Table 2. Ordering Information

Product Name	Part Number
CRS 4GB Flash Disk	CRS-FLASH-DISK-4G=
CRS/4/8 6 G Performance RP	CRS-8-PRP-6G=
CRS/4/8 12 G Performance RP	CRS-8-PRP-12G =
CRS/16 6 G Performance RP	CRS-16-PRP-6G=
CRS/16 6 G Performance RP	CRS-16-PRP-12G=

For More Information

PRP data sheets can be found at: www.cisco.com/en/US/products/ps5763/products_data_sheets_list.html

The PRP upgrade procedure can be found at:
www.cisco.com/en/US/docs/routers/crs/software/crs_r4.0/migration/guide/prpmigration.html

For detailed information on the flash disk upgrade procedure, refer to:
www.cisco.com/en/US/docs/routers/crs/software/crs_r4.0/migration/guide/ug40ug.html#wp1087859