

## In-Service Software Upgrade License Removal for Cisco Catalyst 4500 Series Switches

PB654055

Effective February 1, 2011, customers with Cisco® Catalyst® 4500 Series Switches will no longer be required to purchase an In-Service Software Upgrade (ISSU) feature license in order to deploy the ISSU feature. The ISSU feature license will be included with IP Base and Enterprise Services software images. This change is applicable to all supported supervisor engines and software releases starting with Release 12.2(31) SGA for classic Cisco IOS® Software and Release IOS-XE 03.01.00.SG for Cisco IOS-XE Software. (See Table 1.)

**Table 1.** Affected Product Codes

Product Name	Part Number
Cisco Catalyst 4500 ISSU license	FR45-ISSU-LIC (=)
Cisco Catalyst 4500 ISSU Power over Ethernet (PoE) promotional license; requires dual supervisor engines and at least 48 PoE ports	FR45-ISSU-POE-LIC

### Q&A

**Q. I purchased an ISSU license for a Cisco Catalyst 4500 in the past. Do I get a refund?**

**A.** No. ISSU license removal only applies to products purchased February 1, 2011 and beyond.

**Q. I purchased a Cisco Catalyst 4500 in the past and did not purchase an ISSU license. Can I activate the ISSU feature now?**

**A.** Yes. You can activate the ISSU feature now as long as you are using IP Base or Enterprise Service image.

**Q. I have LAN Base image running on one of my Cisco Catalyst 4500 switches. Can I activate the ISSU feature?**

**A.** No. LAN Base image does not support ISSU or NSF/SSO (Nonstop Forwarding with Stateful Switchover) you need to upgrade software image to IP Base or Enterprise Services to enable ISSU or NSF/SSO. Tables 2 and 3 give the product numbers required for upgrading from LAN Base image.

**Table 2.** Software Upgrade Product Codes for SUP6E, SUP6L-E, and SUP V-10GE

Product Name	Part Number
Cisco Catalyst 4500E IOS IP Base upgrade without Crypto	S45EIPBU-12253SG=
Cisco Catalyst 4500E IOS IP Base upgrade SSH	S45EIBUK9-12253SG=
Cisco Catalyst 4500E IOS Enterprise upgrade without Crypto	S45EESU-12253SG=
Cisco Catalyst 4500E IOS Enterprise Services upgrade SSH	S45EESUK9-12253SG=

**Table 3.** Software Upgrade Product Codes for SUP7-E

Product Name	Part Number*
LAN Base to IP Base license	C4500E-LB-IPB
LAN Base to Enterprise Services license	C4500E-LB-ES

\* Base PID to order SUP7-E license is L-C4500E-LIC= (electronic) or C4500E-LIC=(paper based).



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