



ISSU - GLBP

GLBP supports In Service Software Upgrade (ISSU). In Service Software Upgrade (ISSU) allows a high-availability (HA) system to run in Stateful Switchover (SSO) mode even when different versions of Cisco IOS software are running on the active and standby Route Processors (RPs) or line cards.

ISSU provides the ability to upgrade or downgrade from one supported Cisco IOS release to another while continuing to forward packets and maintain sessions, thereby reducing planned outage time. The ability to upgrade or downgrade is achieved by running different software versions on the active RP and standby RP for a short period of time to maintain state information between RPs.

This feature provides customers with the same level of HA functionality for planned outages due to software upgrades as is available with SSO for unplanned outages. That is, the system can switch over to a secondary RP and continue forwarding packets without session loss and with minimal or no packet loss. This feature is enabled by default.

Configuration Information

Configuration information is included in the *Cisco IOS In Service Software Upgrade Process* document, at the following URL:

http://www.cisco.com/univercd/cc/td/doc/product/software/ios122sb/newft/122sb28/sb_issu.htm

Additional information is included in the “Configuring GLBP” module of the *Cisco IOS IP Application Services Configuration Guide*, Release 12.4T at the following URL:

http://www.cisco.com/univercd/cc/td/doc/product/software/ios124/124tcg/tiapp_c/fhrp/taipglbp.htm

The following sections provide information about this feature:

- ISSU GLBP

For a complete list of features included in the “Configuring GLBP” module, see the Feature Information Table located toward the end of the module.

Command Reference Information

Command reference information is included in the *Cisco IOS IP Application Services Command Reference*, Release 12.2SB2 at the following URL:

http://www.cisco.com/univercd/cc/td/doc/product/software/ios122sb/cr/sbiap_r/index.htm

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