



SSO - GLBP

Gateway Load Balancing Protocol (GLBP) is now Stateful Switchover (SSO) aware. GLBP can detect when a router is failing over to the secondary Route Processor (RP) and continue in its current GLBP group state.

Prior to being SSO aware, GLBP was not able to detect that a second RP was installed and configured to take over in the event that the primary RP failed. When the primary failed, the GLBP device would stop participating in the GLBP group and, depending on its role, could trigger another router in the group to take over as the active router. With this enhancement, GLBP detects the failover to the secondary RP and no change occurs to the GLBP group. If the secondary RP fails and the primary is still not available, then the GLBP group detects this event and re-elects a new active GLBP router.

This feature is enabled by default.

Configuration Information

Configuration 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:

- GLBP SSO
- Customizing 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.

For more information about SSO, see the *Stateful Switchover* document at the following URL:

<http://www.cisco.com/univercd/cc/td/doc/product/software/ios122s/122snwft/release/122s20/fssso20s.htm>

Command Reference Information

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

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

New or Modified Commands

The following commands are new or modified for this feature:

- **debug glbp events**
- **glbp sso**
- **show glbp**

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