



RBSCP (Rate Based Satellite Control Protocol)

The RBSCP (Rate Based Satellite Control Protocol) was designed for wireless or long-distance delay links with high error rates, such as satellite links. Using tunnels, RBSCP can improve the performance of certain IP protocols, such as TCP and IP Security (IPSec), over satellite links without breaking the end-to-end model.

Configuration Information

Configuration information is included in the “Implementing Tunnels” module of the *Cisco IOS Interface and Hardware Component Configuration Guide*, Release 12.4, at the following URLs:

http://www.cisco.com/univercd/cc/td/doc/product/software/ios124/124cg/hif_c/inb_tun.htm

The following sections provide information about this feature:

- Rate-Based Satellite Control Protocol Tunnels
- Determining the Tunnel Type
- Configuring the RBSCP Tunnel
- Verifying RBSCP Tunnel Configuration and Operation

Command Reference Information

Command reference information is included in the *Cisco IOS Interface and Hardware Component Command Reference*, Release 12.2SB, at the following URL:

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

New or Modified Commands

The following commands are new or modified for this feature:

- **clear rbscp**
- **debug tunnel rbscp**
- **show rbscp**
- **tunnel bandwidth**
- **tunnel mode**
- **tunnel rbscp ack-split**
- **tunnel rbscp delay**

- **tunnel rbscp input-drop**
- **tunnel rbscp long-drop**
- **tunnel rbscp report**
- **tunnel rbscp window-stuff**

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