



# TCP Application Flags Enhancement - New Socket Options

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The TCP Applications Flags Enhancement feature enables you to display additional flags with reference to TCP applications. There are two types of flags: status and option. The status flags indicate the status of TCP connections, such as retransmission timeouts, application closed, and synchronized (SYNC) handshakes for listen. The additional flags indicate the state of set options, such as whether or not a virtual private network (VPN) routing and forwarding (VRF) instance is set, whether or not a user is idle, and whether or not a keepalive timer is running.

## Configuration Information

Configuration information is included in the “Configuring TCP” 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/htiptcp.htm](http://www.cisco.com/univercd/cc/td/doc/product/software/ios124/124tcg/tiapp_c/htiptcp.htm)

The following sections provide information about this feature:

- TCP Applications Flags Enhancement
- Verifying TCP Performance Parameters
- TCP Application Flags Enhancement: Example

For a complete list of features included in the “Configuring TCP” 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 12.2SB, at the following URL:

[http://www.cisco.com/univercd/cc/td/doc/product/software/ios122sb/cr/sbiap\\_r/index.htm](http://www.cisco.com/univercd/cc/td/doc/product/software/ios122sb/cr/sbiap_r/index.htm)

## New or Modified Commands

The following command is modified for this feature:

- **show tcp**



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