



## L2TP Extended Failover

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The L2TP Extended Failover feature extends Layer 2 Tunneling Protocol (L2TP) failover to occur if, during tunnel establishment, a router receives a Stop Control Connection Notification (StopCCN) message from its peer, or during session establishment a router receives a Call Disconnect Notify (CDN) message from its peer. In either case, the router selects an alternate peer to contact. This action is in addition to the existing failover caused by excessive retransmission of Start Control Connection Reply (SCCRQ) messages that indicate there is no response from the peer.

The L2TP Extended Failover feature results in improved load distribution and prevents congestion at a tunnel terminator by allowing the busy tunnel terminator to inform the tunnel initiator that it should try an alternate tunnel terminator.

### Configuration Information

Configuration information is included in the “Configuring NAS-Initiated Dial-In VPDN Tunneling” module in the *Cisco IOS VPDN Configuration Guide*, Release 12.4T, at the following URL:

- [http://www.cisco.com/univercd/cc/td/doc/product/software/ios124/124tcg/tvpcdn\\_c/vpc4niht.htm](http://www.cisco.com/univercd/cc/td/doc/product/software/ios124/124tcg/tvpcdn_c/vpc4niht.htm)

### Command Reference

No commands are modified.

