

## Overriding LNS Out-of-Resource Result Codes 4 and 5

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When the number of L2TP sessions reaches the configured maximum value, the LNS sends an out-of-resource result code (4 or 5) in a CDN (Call-Disconnect-Notify) message to the LAC. This signals the LAC to fail over to another LNS that has the resources for more sessions.

Some third-party LAC implementations fail over only when they receive result code 2 sent in the CDN from the LNS. You can override result codes 4 and 5 with result code 2 on the LNS to enable such routers to fail over to another LNS. These codes have the following meanings:

- 2—Call disconnected for the reason indicated in error code
- 4—Call failed due to lack of appropriate facilities being available (temporary condition)
- 5—Call failed due to lack of appropriate facilities being available (permanent condition)

The following sections describe how to override the result codes and how to display the current code values.

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### Overriding the Result Codes

You can override the out-of-resource result codes 4 and 5 by issuing the **session-out-of-resource-result-code-override** command on the LNS.

- To override result codes 4 and 5:

```
host1:boston(config-l2tp-dest-profile-host)#session-out-of-resource-result-code-override
```

### Displaying the Current Override Setting

You can view the current override setting for the LNS result codes in the L2TP destination profile.

- To display the current override setting:

```
ERX(config)#show l2tp destination profile boston  
L2TP destination profile boston  
Configuration  
  Destination address  
  Transport ipUdp  
  Virtual router default  
  Peer address 10.10.76.12  
Statistics  
  Destination profile current session count is 0  
Host profile attributes  
  Remote host is LAC  
  Configuration
```

```
Tunnel password is TunnelPass
Local host name is LNS
Local ip address is 46.1.1.2
Disconnect-cause avp is enabled
Tunnels are single-shot
Override out-of-resource-result-code is enabled
Statistics
Current session count is 0
1 L2TP host profile found
```

- Related Topics**
- session-out-of-resource-result-code-override command
  - show l2tp destination profile command