







# Configuration Example for ACL IP Options Selective Drop

This section provides the following configuration examples:

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- [Verifying ACL IP Options Selective Drop: Example, page 4](#)

## Configuring ACL IP Options Selective Drop: Example

The following example shows how to configure the router (and downstream routers) to drop all options packets that enter the network:

```
Router(config)# ip options drop
% Warning: RSVP and other protocols that use IP Options packets may not function in drop or
ignore modes.
end
```

## Verifying ACL IP Options Selective Drop: Example

The following sample output is displayed after 15,000 options packets are sent using the **ip options drop** command. Note that the “forced drop” counter increases.

```
Router# show ip traffic
IP statistics:
Rcvd: 15000 total, 0 local destination
      0 format errors, 0 checksum errors, 0 bad hop count
      0 unknown protocol, 0 not a gateway
      0 security failures, 0 bad options, 15000 with options
Opts:  0 end, 0 nop, 0 basic security, 0 loose source route
      0 timestamp, 0 extended security, 0 record route
      0 stream ID, 0 strict source route, 0 alert, 0 cipso
      0 other
Frags: 0 reassembled, 0 timeouts, 0 couldn't reassemble
      0 fragmented, 0 couldn't fragment
Bcast: 0 received, 0 sent
Mcast: 0 received, 0 sent
Sent:  0 generated, 0 forwarded
Drop:  0 encapsulation failed, 0 unresolved, 0 no adjacency
      0 no route, 0 unicast RPF, 15000 forced drop
```

# Additional References

The following sections provide references related to ACL IP Options Selective Drop.



# Command Reference

The following commands are introduced or modified in the feature or features

- **ip options**

For information about these commands, see the Cisco IOS Security Command Reference at  
[http://www.cisco.com/en/US/docs/ios/security/command/reference/sec\\_book.html](http://www.cisco.com/en/US/docs/ios/security/command/reference/sec_book.html).

For information about all Cisco IOS commands, see the Command Lookup Tool at  
<http://tools.cisco.com/Support/CLILookup> or the Master Command List.

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