D Commands

This chapter describes the Cisco NX-OS Hot Standby Router Protocol (HSRP) commands that begin with D.

delay minimum

To delay the Hot Standby Router Protocol (HSRP) initialization after a reload or after an interface comes up, use the **delay minimum** command. To disable this function, use the **no** form of this command.

delay minimum [*min-delay]* **reload** *[reload-delay*]

no delay minimum [*min-delay]* **reload** *[reload-delay*]

Syntax Description

min-delay	(Optional) Minimum time (in seconds) to delay HSRP group initialization after an interface comes up. This period applies to all subsequent interface events. The default is 0 seconds.
reload *reload-delay*	Specifies the time period to delay HSRP group initialization after the router has reloaded. This period applies only to the first interface-up event after the router has reloaded. The default is 0 seconds.

Command Default

The HSRP delay default is 0 seconds.

Command Modes

Interface configuration mode

Command History

Release	Modification
6.0(2)N1(1)	This command was introduced.

Usage Guidelines

Use the **delay hsrp** command to delay HSRP initialization either after a reload or after an interface comes up. This configuration allows the interface and router to stabilize after the interface comes up and helps to prevent HSRP state flapping.

Examples

This example shows how to configure a minimum delay of 3 seconds and a group initialization delay of 10 seconds:

```
switch(config)# configure terminal
switch(config)# interface ethernet 1/5
switch(config-if)# no switchport
switch(config-if)# ip address 172.16.6.5 255.255.255.0
switch(config-if)# hsrp 1
switch(config-if-hsrp)# delay minimum 3 reload 10
switch(config-if-hsrp)# ip 172.16.6.100
```

Related Commands

Command	Description
feature hsrp	Enables the HSRP configuration.