Chapter 16
VRRP Commands

activate

Activates a virtual router configuration on a router interface.

EXAMPLE:

HP9300(config-if-1/6-vrid-1)# activate

Syntax: activate

Possible values: N/A

Default value: N/A

advertise backup

Enables a Backup router to send keepalive messages to the Master router.

EXAMPLE:

HP9300(config-if-1/6-vrid-1)# advertise backup

Syntax: [no] advertise backup

auth-type

Configures the authentication type for a virtual router interface.

Syntax: ip vrrp auth-type no-auth | simple-text-auth <auth-data>

backup

Indicates that the virtual router interface you are configuring is for a Backup router.

Syntax: backup [priority <value>] [track-priority <value>]

backup-hello-interval

Changes the rate at which a Backup router sends keepalive messages to the Master router.

EXAMPLE:

HP9300(config-if-1/6-vrid-1)# backup-hello-interval 180

Syntax: [no] backup-hello-interval <num>

The <num> parameter specifies the message interval and can be from 60 – 3600 seconds. The default is 60 seconds.

dead-interval

Sets the VRRP dead interval.

Syntax: dead-interval <value>

end

Moves activity to the privileged EXEC level from any level of the CLI except the user EXEC level.

EXAMPLE:

To move to the privileged EXEC level, enter the following from any level of the CLI.

```
HP9300(config-if-1/6-vrid-1)# end

HP9300#
```

Syntax: end

Possible values: N/A

Default value: N/A

exit

Moves activity up one level from the current level. In this case, activity will be moved to the port-based VLAN level if configuring a protocol VLAN. If configuring a port-based VLAN, activity would be moved to the global level.

EXAMPLE:

```
HP9300(config-if-1/6-vrid-1)# exit

HP9300(config)#
```

Syntax: exit

Possible values: N/A

Default value: N/A

hello-interval

Sets the VRRP hello interval.

Syntax: hello-interval <value>

ip-address

Indicates the IP address for which the virtual router is providing redundancy.

Syntax: ip-address <ip-addr>

no

Disables other commands. To disable a command, place the word *no* before the command.

non-preempt-mode

By default, a Backup VRRP router that has a higher priority than another Backup router that has become Master can preempt that router to become the new Master router. If you want to prevent this behavior, disable preemption.

Syntax: non-preempt-mode

owner

Indicates that the virtual router interface you are configuring owns the real IP address for which the virtual router is providing redundancy, and allows you to change the VRRP priority for the address owner.

You can force a VRRP master router to abdicate (give away control) of a virtual router ID (VRID) to a VRRP backup router by temporarily changing the master router's VRRP priority to a value less than the backup router's. The default VRRP Master router always has VRRP priority 255. You can change the priority to a value from 1 – 254.

NOTE: When you change the default VRRP Master router's priority, the change takes effect only for the current power cycle. The change is not saved to the startup-config file when you save the configuration and is not retained across a reload or reboot. Following a reload or reboot, the default VRRP Master router again has priority 255.

EXAMPLE:

To change the Master VRRP router's priority:

```
HP9300(config)# ip int eth 3/1
HP9300(config-if-3/1)# ip vrrp vrid 1
HP9300(config-if-3/1-vrid-1)# owner priority 99
```

Syntax: [no] owner priority | track-priority <num>

Possible values: The <num> parameter specifies the priority and can be a number from 1 – 254.

Default value: N/A

quit

Returns you from any level of the CLI to the User EXEC mode.

EXAMPLE:

```
HP9300(config-if-1/6-vrid-1)# quit

HP9300>
```

Syntax: quit

Possible values: N/A

Default value: N/A

show

Displays a variety of configuration and statistical information about the switch or routing switch. See "Show Commands" on page 20-1.

track-port

Configures a track port.

Syntax: track-port ethernet <portnum>

write memory

Saves the running configuration into the startup-config file.

EXAMPLE:

```
HP9300(config-if-1/6-vrid-1)# wr mem
```

Syntax: write memory

Possible values: N/A

Default value: N/A

write terminal

Displays the running configuration of the HP switch or routing switch on the terminal screen.

NOTE: This command is equivalent to the **show running-config** command.

EXAMPLE:

```
HP9300(config-if-1/6-vrid-1)# wr term
```

Syntax: write terminal

Possible values: N/A

Default value: N/A