
Chapter 8

IP Tunnel Commands

encap-control

Enables or disables encapsulation of PIM or DVMRP control messages such as probe, route report, and so on using IP-IN-IP encapsulation on an IP Tunnel.

EXAMPLE:

```
HP9300(config-if-5/4)# ip tunnel 192.3.45.6
```

```
HP9300(config-if-dvmrp-tunnel)# encap on
```

Syntax: encap-control on | off

Possible values: on, off

Default value: off

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 level, enter the following from any level of the CLI.

```
HP9300(config-if-4/5-tunnel)# 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 interface level.

EXAMPLE:

```
HP9300(config-if-4/5-tunnel)# exit
```

```
HP9300(config-if-4/5)#
```

Syntax: exit

Possible values: N/A

Default value: N/A

metric

Sets the metric for an IP tunnel for use with either the PIM or DVMRP multicast protocol.

NOTE: Assign a higher metric to an IP tunnel than that of the interface, to ensure that the IP tunnel path takes precedence.

EXAMPLE:

To define an IP tunnel metric (cost) of 15, enter the following:

```
HP9300(config)# interface 5/2
HP9300(config-if-5/2)# ip tunnel 192.45.3.2 pim
HP9300(config-if-pim-tunnel)# metric 15
```

Syntax: metric <1-255>

Possible values: 1 – 255

Default value: N/A

no

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

quit

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

EXAMPLE:

```
HP9300(config-if-4/5-tunnel)# 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 router. See “Show Commands” on page 20-1.

ttl-threshold

Specifies how long a packet is considered viable on an IP Tunnel link.

EXAMPLE:

```
HP9300(config-if-3/4)# ip tunnel
HP9300(config-if-3/4-tunnel)# ttl 60
```

Syntax: ttl-threshold <value>

Possible values: 1 – 254

Default value: 1

write memory

Saves the running configuration into the startup-config file.

EXAMPLE:

```
HP9300(config-if-3/4-tunnel)# wr mem
```

Syntax: write memory

Possible values: N/A

Default value: N/A

write terminal

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

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

EXAMPLE:

```
HP9300(config-if-3/4-tunnel)# wr term
```

Syntax: write terminal

Possible values: N/A

Default value: N/A

