



IP Route Commands

- [ip route, on page 2](#)
- [ip routing, on page 3](#)

ip route

To establish static routes, use the **ip route** command in switch configuration mode. To remove static routes, use the **no** form of this command.

ip route *prefix mask ip-address [metric-value]*

no ip route *prefix mask ip-address*

Syntax Description

<i>prefix</i>	Specifies the IP route prefix for the destination.
<i>mask</i>	Specifies the prefix mask for the destination.
<i>ip-address</i>	Specifies the IP address of the next hop that can be used to reach that network.
<i>metric-value</i>	Specifies the metric of the route. The default metric is 6. Valid range is from 1–255.

Command Default

No static routes are established.

Command Modes

Switch configuration (config-switch)

Command History

Release	Modification
3.5.1	This command was introduced.

Example

The following example shows how to route packets for the network 209.165.201.2 to a router at 209.165.202.3:

```
nfvis(config-switch)# ip route 209.165.201.2 255.255.255.0 209.165.202.3 2
nfvis(config-switch)# commit
nfvis(config-switch)# end
```

ip routing

To enable IP routing, use the **ip routing** command in switch configuration mode. To disable IP routing, use the **no** form of this command.

ip routing
no ip routing

Syntax Description	This command has no arguments or keywords.				
Command Default	IP routing is disabled.				
Command Modes	Switch configuration mode (config-switch)				
Command History	<table><thead><tr><th>Release</th><th>Modification</th></tr></thead><tbody><tr><td>3.5.1</td><td>This command was introduced.</td></tr></tbody></table>	Release	Modification	3.5.1	This command was introduced.
Release	Modification				
3.5.1	This command was introduced.				

Example

The following example enables IP Routing:

```
nfvis(config-switch)# ip routing
nfvis(config-switch)# commit
nfvis(config-switch)# end
```

