



System Routes Commands

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system routes route

To create a new system route or to modify an existing system route, use the **system routes route** command in global configuration mode. To delete a system route, use the **no** form of the command.

system routes route *destination prefix-length* [**gateway** *gateway*] [**dev** *device*]
no system routes route *destination prefix-length*

Syntax Description	<i>destination</i>	The route destination address.
	<i>prefix-length</i>	The netmask for the destination address.
	gateway <i>gateway</i>	(Optional) The gateway for the route.
	dev <i>device</i>	(Optional) The device interface that the route will use.

Command Default	None
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Command Modes	Global configuration (config)
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Command History	Release	Modification
	3.5.1	This command was introduced.

Usage Guidelines	Though only the destination and prefix length are mandatory parameters for creating a route, a valid route requires that you specify the gateway or the interface or both.
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Example

The following command creates a system route to the destination 203.0.113.1:

```
nfvis(config)# system routes route 203.0.113.1 12 dev lan-br
nfvis(config)# commit
nfvis(config)# end
```

show system routes

To display the list of system routes, use the **show system routes** command in privileged EXEC mode.

```
show system routes [route route-name]
```

Syntax Description	route route-name (Optional) Name of the process.				
Command Default	None				
Command Modes	Privileged EXEC (#)				
Command History	<table> <tr> <th>Release</th><th>Modification</th></tr> <tr> <td>3.5.1</td><td>This command was introduced.</td></tr> </table>	Release	Modification	3.5.1	This command was introduced.
Release	Modification				
3.5.1	This command was introduced.				

Example

The following is a sample output from the **show system routes** command:

```
nfvis# show system routes
DESTINATION      PREFIXLEN  STATUS
-----
203.0.113.1      12         -
203.0.113.2      12         -
203.0.113.3      24         -
```

show system dhcp-routes

To display the DHCP static routes, use the **show system dhcp-routes** command in privileged EXEC mode.

show system dhcp-routes

Syntax Description	This command has no arguments or keywords.
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Command Modes	Privileged EXEC (#)
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Command History	Release	Modification
	3.6.1	This command was introduced.

Example

```
nfvis# show system dhcp-routes
DESTINATION      PREFIXLEN  GATEWAY      DEV
-----
192.0.2.0        16         203.0.113.0  wan-br
192.0.2.213     32         203.0.113.0  wan-br
```

show running-config system routes

To display the running configuration of system routes, use the **show running-config system routes** command in privileged EXEC mode.

show running-config system routes [**route** *route-name*]

Syntax Description	route <i>route-name</i> (Optional) Name of the process.
Command Default	None
Command Modes	Privileged EXEC (#)
Command History	Release Modification
	3.5.1 This command was introduced.

Example

```
nfvis# show running-config system routes
DESTINATION      PREFIXLEN  STATUS
-----
203.0.113.1      12         -
203.0.113.2      12         -
203.0.113.3      24         -
```

 `show running-config system routes`