



IP Route Commands

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connectorctl ip-route show

To display the current route configured for this connector instance, use the **connectorctl ip-route show** command. To see only individual interface network details, use the **-n** keyword.

connectorctl ip-route show { **-p** *network-stack* | **-n** *interface* | **-d** **YES** }

Syntax Description	Keywords and Variables	Description
	-p <i>network-stack</i>	Accepted values are IPv4 and IPv6.
	-d YES	Logs detailed firewall and IP table rules.
	-n <i>interface-name</i>	Interface name. Accepted values are: <ul style="list-style-type: none"> • PRIMARY • SECONDARY
Command History	Release 3	This command is introduced.

Examples

The following is a sample output of the command:

```
[spacesadmin@connector ~]$ connectorctl ip-route show -p ipv4 -n SECONDARY

Executing command:ip-route
Command execution status:Success
-----
Route information for connector
10.7.0.0/24 dev ens33 proto kernel scope link src 10.7.0.11 metric 101
10.7.0.0/24 via 10.7.0.1 dev ens33 proto static src 10.7.0.11 metric 101

Rule information for connector
438:   from all to 10.7.0.11 lookup 18
439:   from 10.7.0.11 lookup 18

[spacesadmin@connector ~]$ connectorctl ip-route show -p ipv4 -n PRIMARY
Executing command:ip-route
Command execution status:Success
-----
Route information for connector
default via 10.22.244.1 dev ens32 proto static metric 100
10.22.244.0/24 dev ens32 proto kernel scope link src 10.22.244.180 metric 100
```



Note The above example assumes the following:

- The PRIMARY interface of the connector is on the 10.22.x.x subnet, and is used to communicate with Cisco Spaces
- The SECONDARY interface of the connector is on the 7.7.x.x subnet, and is used to communicate with all the devices, such as wireless controllers, switches, and APs.

connectorctl ip-route add

To configure a route for the secondary interface, use the **connectorctl ip-route add** command.

```
connectorctl ip-route add { -n interface | -p network-stack | -s network-subnet | -g gateway }
```

Syntax Description	Keywords and Variables	Description
	-n <i>interface-name</i>	Interface name. Accepted values are: <ul style="list-style-type: none"> • PRIMARY • SECONDARY
	-p <i>network-stack</i>	Accepted values are IPv4 and IPv6.
	-s <i>subnet/ prefix</i>	Network subnet slash prefix as comma separated list. For example, 10.7.0.11/24.
	-g <i>gateway</i>	Gateway address or next hop address
Command History	Release 3	This command is introduced.

Examples

The following example shows how to configure an IPv4 route for the secondary interface, on the subnet 10.7.0.11 and prefix 24, and gateway IP address 10.7.0.1.

```
[spacesadmin@connector ~]$ connectorctl ip-route add -n SECONDARY -p ipv4 -s 10.7.0.11/24 -g 10.7.0.1
```

```
Executing command:ip-route
Command execution status:Success
-----
Adding subnet route:10.7.0.11/24
Successfully added route configuration.
```

Examples

The following example shows how to configure an IPv6 route for the secondary interface, on the subnet 2001:DB8:303:2021::201 and prefix 64, and gateway IP address 2001:DB8:303:2021::1 .

```
connectorctl ip-route add -n SECONDARY -p ipv6 -s 2001:DB8:303:2021::201/64 -g 2001:DB8:303:2021::1
```

```
Executing command:ip-route
Command execution status:Success
-----
Adding subnet route:2001:DB8:303:2021::201/64
Successfully added route configuration.
```

connectorctl ip-route delete

To delete the current route configured for the secondary interface, use the **connectorctl ip-route delete** command.

```
connectorctl ip-route delete { -p network-stack | -n interface | -d YES }
```

Syntax Description	Keywords and Variables	Description
	-p <i>network-stack</i>	Accepted values are IPv4 and IPv6.
	-d YES	Logs detailed firewall and IP table rules.
	-n <i>interface-name</i>	Interface name. Use of the following values: <ul style="list-style-type: none"> • PRIMARY • SECONDARY
Command History	Release 3	This command is introduced.

Examples

The following example shows how to delete a configured route.

```
[spacesadmin@connector ~]$ connectorctl ip-route delete -n SECONDARY -p ipv4 -s 10.7.0.0/24

Executing command:ip-route
Command execution status:Success
-----
Deleting subnet route:10.7.0.0/24 10.7.0.1 src=10.7.0.11
Successfully removed route configuration.
```

Examples

The following example shows how to delete a configured route.

```
[spacesadmin@connector ~]$ connectorctl ip-route add -n SECONDARY -p ipv6 -s
2001:DB8:303:2021::201/64 -g 2001:DB8:303:2021::1
Executing command:ip-route
Command execution status:Success
-----
Adding subnet route:2001:DB8:303:2021::201/64
Successfully added route configuration.
```