

# run show route forward-route

The `run show route forward-route` command is used to view the hardware route forwarding table information.

## Command Syntax

```
run show route [vrf <vrf-name>] forward-route brief
```

```
run show route [vrf <vrf-name>] forward-route ipv4 {<IP4Net>| all}
```

```
run show route [vrf <vrf-name>] forward-route ipv6 {<IP6Net>| all}
```

### Parameter

Parameter	Description
<code>vrf &lt;vrf-name&gt;</code>	Optional. Specifies a VRF name. The value is a string.
<code>brief</code>	Displays statistics information about routes in the IP routing table.
<code>ipv4 {&lt;IP4Net&gt;  all}</code>	Specifies an IPv4 network segment address to view the hardware route forwarding table information of a specific IPv4 network segment, or <code>all</code> to view the hardware route forwarding table information of all IPv4 network segment.
<code>ipv6 {&lt;IP6Net&gt;  all}</code>	Specifies an IPv6 network segment address to view the hardware route forwarding table information of a specific IPv6 network segment, or <code>all</code> to view the hardware route forwarding table information of all IPv6 network segment.

### Usage Guidelines

When a VRF is specified, only the hardware route forwarding table information of the specific VRF is displayed.

When no VRF is specified, the result shows only the hardware route forwarding table information of the default VRF.

### Example

- View the hardware route forwarding table information.

```
admin@Xorplus# run show route forward-route ipv4 all
Destination      NextHopMac      Port
-----
20.20.20.0/24    00:18:23:30:DD:53  connected
Total route count:1
```

- If IP routing function is disabled, the command result shows "**Ip routing is disable**".

```
admin@XorPlus# run show route forward-route ipv4 all
Ip routing is disable
```