

## show ip route

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**Syntax** `show ip route [ vrf vrfName ] [ destination [ ipMask ] [ detail ] ] [ all ] [ protocol ] [ filter ]`

To display summary information:

`show ip route summary [ vrf vrfName ] [ filter ]`

**Release Information** Command introduced before JUNOS Release 7.1.0.

**Description** Displays current state of the routing table.

- Options**
- *vrfName*—Displays the contents of the IP routing table associated with a VRF
  - *destination*—Specifies the IP address or domain name of the host to show
  - *ipMask*—IP mask of the specific address to show
  - *detail*—Displays detailed information about the specific prefix; currently shows the tag added by means of the **ip route** command
  - *all*—Displays all routes in the routing table inserted from all protocols (not just the *best* routes that are used for forwarding)
  - *protocol*—One of the following protocols for which you want to display the best routes in the routing table; no routes are displayed if routes for the specified protocol are not present in the routing table
    - *access*—Displays the best access-server routes (BGP) in the routing table
    - *access-internal*—Displays the best access-internal routes in the routing table
    - *bgp*—Displays the best BGP routes in the routing table
    - *bgp-tunnel*—Displays the best BGP tunnel routes in the routing table
    - *dvmrp*—Displays the best DVMRP routes in the routing table
    - *isis*—Displays the best IS-IS routes in the routing table
    - *ldp*—Displays the best LDP tunnel routes in the routing table
    - *local*—Displays the best locally connected routes in the routing table
    - *mbgp*—Displays the best MBGP routes in the routing table
    - *ospf*—Displays the best OSPF routes owned by in the routing table
    - *other*—Displays the best internal control routes in the routing table
    - *rip*—Displays the best RIP routes in the routing table
    - *rsvp*—Displays the best RSVP tunnel routes in the routing table

- static—Displays the best static routes added by network management to the routing table
- static-rpf—Displays the best static RPF routes added by network management to the routing table
- summary—Displays summary counters for all routes in the IP routing table
- *filter*—See Filtering show Commands

**Mode** Privileged Exec, User Exec