

## show ip interface

---

**Syntax** show ip interface [ vrf *vrfName* ]  
{ { [ brief | detail | other | show-virtual-router [ *virtualRouterName* ] ]  
[ *interfaceType interfaceSpecifier* ] } | summary } [ delta ] [ *filter* ]

**Release Information** Command introduced before JUNOS Release 7.1.0.  
**show-virtual-router** keyword and *virtualRouterName* variable added in JUNOS Release 7.3.0.  
**other** keyword added in JUNOS Release 8.0.0.

**Description** Displays current state of all IP interfaces or the IP interfaces you specify. The default is all interface types and all interfaces.

- Options**
- *vrfName*—Name of the VRF
  - *brief*—Displays a brief summary of IP status and configuration information
  - *detail*—Shows a detailed display of IP status and configuration information
  - *other*—Shows hidden interfaces and routes to the local address that are used internally so that from a given CE you can now ping the local address of any VRF that has a VPN overlapping a VPN to which the CE belongs
  - *virtualRouterName*—Name of the virtual router
  - *interfaceType*—Interface type; see Interface Types and Specifiers
  - *interfaceSpecifier*—Particular interface; format varies according to interface type; see Interface Types and Specifiers
  - *summary*—Shows a detailed summary of IP status and configuration
  - *delta*—Displays baselined statistics
  - *filter*—See Filtering show Commands

**Mode** Privileged Exec, User Exec

- Related Topics**
- Monitoring the QoS Configuration of IP Interfaces
  - Monitoring the Policy Configuration of IP Interfaces
  - Monitoring the Packet Mirroring Configuration of IP Interfaces

---

Published: 2010-01-07