

Internet Protocol version 6 (IPv6) implementation on Juniper routers

1. How to enable IPv6 on Juniper interface

IPv6 is supported on JunOS version 5.1 and higher. It is very easy to configure as only action required to configure IPv6 on an interface is to configure family inet6. See example below -

```
bjones@hostname> show configuration interfaces fe-0/1/3 description
"configured w/inet and w/inet6"; unit 0 {
  family inet {
    filter {
      input internet;
      output internet;
    }
    address 10.0.0.1/28;
  }
  family inet6 {
    address xxxx:xxx:x:xxx::x/xx;
  }
}
```

Multiple routing options are available to configure IPv6 routing; BGP, OSPFv3, RIP.