

# Chapter 13

## Summary of Layer 3 VPN Configuration Statements

The following section explains the major routing-instances configuration statements that apply specifically to Layer 3 virtual private networks (VPNs).

### inet6-vpn

<b>Syntax</b>	inet6-vpn {unicast   multicast   any } {...}
<b>Hierarchy Level</b>	[edit protocols bgp group <i>group-name</i> family]
<b>Description</b>	Enables IPv6 on the PE router for the Layer 3 VPN.
<b>Options</b>	prefix-limit maximum—Specify the maximum prefix limit. The value can be from 1 to 4,294,967,295.  rib-group—Specify the name of the routing table group.
<b>Usage Guidelines</b>	See “Configure IPv6 between the PE and CE Routers” on page 111 and the <i>JUNOS Internet Software Configuration Guide: Routing and Routing Protocols</i> .
<b>Required Privilege Level</b>	routing—To view this statement in the configuration. routing-control—To add this statement to the configuration.

### vpn-group-address

<b>Syntax</b>	vpn-group-address <i>address</i> ;
<b>Hierarchy Level</b>	[edit routing-instances <i>routing-instance-name</i> protocols pim]
<b>Description</b>	Configure the group address for the Layer 3 VPN in the service provider’s network.
<b>Usage Guidelines</b>	See “Configure Multicast over Layer 3 VPNs” on page 117 and the <i>JUNOS Internet Software Configuration Guide: Multicast</i> .
<b>Required Privilege Level</b>	routing—To view this statement in the configuration. routing-control—To add this statement to the configuration.

## vrf-table-label

<b>Syntax</b>	vrf-table-label;
<b>Hierarchy Level</b>	[edit routing-instances <i>routing-instance-name</i> ]
<b>Description</b>	Makes it possible to map the inner label of a packet to a specific VRF and thus allows the examination of the encapsulated IP header.
<b>Usage Guidelines</b>	See “Filter Traffic Based on the IP Header” on page 115.
<b>Required Privilege Level</b>	routing—To view this statement in the configuration. routing-control—To add this statement to the configuration.