

set protocols pimsm4 interface vif alternative-subnet

The `set protocols pimsm4 interface vif alternative-subnet` command is used to add the "alternative subnets" to a VLAN interface.

Command Syntax

`set protocols pimsm4 interface <interface-name> vif <vif-name> alternative-subnet <IPv4Net>`

Parameter

Parameter	Description
<code>interface <interface-name></code>	Specifies a L3 VLAN interface. The value is a string.
<code>vif <vif-name></code>	Specifies a vif interface. The value is a string.
<code>alternative-subnet <IPv4Net et></code>	Specifies a subnet address of the source. The value is an IPv4 subnet address in the <i>address/prefix-length</i> format, e.g., 150.0.0.0/24.

Usage Guidelines

One use of this alternative subnet is to make incoming traffic with a non-local source address appear as it is coming from a local subnet, then "alternative-subnet" can be configured on upstream interfaces connected to the Source.

NOTE

- The alternative-subnet should be used with extreme care, because it is possible to create forwarding loops.
- Configure the interface route to the "alternative-subnet" subnet on the switch configured with the "alternate-subnet".

Example

- Add a "alternative subnet" 150.0.0.0/24.

```
admin@Xorplus# set protocols pimsm4 interface vlan-2 vif vlan-2 alternative-subnet 150.0.0.0/24
admin@Xorplus# commit
```