T Commands

This chapter describes the Cisco NX-OS Virtual Router Redundancy Protocol (VRRP) commands that begin with T.

track (VRRP)

To modify the priority for a virtual router based on a tracked object, use the **track** command. To disable priority tracking for a virtual router, use the **no** form of this command.

> **track** *object-number* [**decrement** *value*]

> **no track** *object-number* [**decrement** *value*]

Syntax Description	*object-number*	Number for a configured tracked object. The range is from 1 to 500.
	decrement *value*	(Optional) Decrements the VRRP priority if the tracked object is down. The range is from 1 to 254.

Command Default   None

Command Modes   VRRP configuration mode

Command History	Release	Modification
	5.2(1)N1(1)	This command was introduced.

Usage Guidelines   Use the **track (VRRP)** command to change the priority of the virtual router based on the state of a configured tracked object. Use the track command to configure the tracked object. When the tracked object is down, the priority reverts to the priority value for the virtual router. When the tracked object is up, the priority of the virtual router is restored to the original value.

This command does not require a license.

Examples   This example shows how to enable object tracking for a virtual router:

```
switch# configure terminal
switch(config)# track 33 ip route 192.0.2.0/24 reachability
switch(config)# interface ethernet 2/1
switch(config-if)# no switchport
switch(config-if)# vrrp 250
switch(config-if-vrrp)# track 33 priority 2
switch(config-if-vrrp)#
```

Related Commandsl	Command	Description
	feature vrrp	Enables VRRP.
	show vrrp	Displays VRRP configuration information.

Command	Description
track interfave (VRRP)	Tracks the state of an interface and modifies the VRRP priority if that interface state goes down.
vrrp	Configures a VRRP group.

track interface (VRRP)

To track the priority for a virtual router based on an interface, use the **track interface** command. To disable priority tracking for a virtual router, use the **no** form of this command.

> **track interface** {**ethernet** *slot*/[*QSFP-module*/]*port* | **port-channel** *number*[*.sub_if_number*]} **priority** *value*

> **no track interface** {**ethernet** *slot*/[*QSFP-module*/]*port* | **port-channel** *number*[*.sub_if_number*]} **priority** *value*

Syntax Description

ethernet *slot*/[*QSFP-module*/]*port*	Specifies the virtual router interface for which to track the priority. The *slot* number is from 1 to 255. The *QSFP-module* number is from 1 to 4. The *port* number is from 1 to 128. **Note** The *QSFP-module* number applies only to the QSFP+ Generic Expansion Module (GEM).
port-channel *number*	Specifies the port-channel group for which to track priority. The range is from 1 to 4096
sub_if-number	(Optional) Subinterface number. The range is from 1 to 4093.
priority *value*	Specifies the interface priority for a virtual router. The range of values is from 1 to 254. If this router is the owner of the IP addresses, the value is automatically set to 254.

Command Default   Disabled

Command Modes   VRRP configuration mode

Command History

Release	Modification
6.0(2)N1(2)	Support for the QSFP+ GEM was added.
5.2(1)N1(1)	This command was introduced.

Usage Guidelines   Use the **track** command to change the priority of the virtual router based on the state of another interface in the switch. When the tracked interface is down, the priority reverts to the priority value for the virtual router. When the tracked interface is up, the priority of the virtual router is restored to the interface state tracking value.

Note   Interface state tracking will not be operational unless you enable preemption on the interface.

This command does not require a license.

Examples   This example shows how to enable interface state tracking for a virtual router:

```
switch# configure terminal
switch(config)# interface ethernet 2/1
switch(config-if)# no switchport
switch(config-if)# vrrp 250
switch(config-if-vrrp)# track interface ethernet 2/2 priority 2
switch(config-if-vrrp)#
```

Related Commands

Command	Description
feature vrrp	Enables VRRP.
show vrrp	Displays VRRP configuration information.
track (VRRP)	Tracks an object to modify the VRRP priority.
vrrp	Configures a VRRP group.

■ **track interface (VRRP)**