

Configuring VRRP on a Cisco 3650 Catalyst Switch

EXAMPLE Lab 6-1

Part 2: Implement VRRP

```
Switch(config)#fhrp version vrrp v3
```

```
Switch(config-if)#ip address 172.16.10.1 255.255.255.0
```

```
Switch(config-if)#vrrp 10 address-family ipv4
```

```
Switch(config-if-vrrp)#?
```

VRRP Group configuration mode:

- address IPv4 address config
- default Set a command to its defaults
- description Group description
- exit-vrrp Exit from VRRP group configuration mode
- match-address Match addresses in advertisement packet
- no Negate a command or set its defaults
- preempt Enable preemption of lower priority Master
- priority Priority of this VRRP group
- shutdown Shutdown the group
- timers Set the VRRP timers
- track Event Tracking
- vrrpv2 Set VRRPv2 compatibility mode
- vrrs VRRS related commands

```
Switch(config-if-vrrp)#address 172.16.10.5
```

```
Switch(config-if-vrrp)#priority 150
```

```
Switch(config-if-vrrp)#preempt
```

```
Switch(config-if-vrrp)#end
```

```
Switch#sh run
```

!

interface Vlan10

ip address 172.16.10.1 255.255.255.0

vrrp 10 address-family ipv4

priority 150

address 172.16.10.5 primary

exit-vrrp

Switch#**sh vrrp**

Vlan1 - Group 1 - Address-Family IPv4

State is INIT (Interface Down)

State duration 1 hours 39 mins 1 secs

Virtual IP address is no address

Virtual MAC address is 0000.5E00.0101

Advertisement interval is 1000 msec

Preemption enabled

Priority is 100

Master Router is unknown, priority is unknown

Master Advertisement interval is unknown

Master Down interval is unknown

Vlan10 - Group 10 - Address-Family IPv4

State is INIT (Interface Down)

State duration 5 mins 15.230 secs

Virtual IP address is 172.16.10.5

Virtual MAC address is 0000.5E00.010A

Advertisement interval is 1000 msec

Preemption enabled

Priority is 150

Master Router is unknown, priority is unknown

Master Advertisement interval is unknown

Master Down interval is unknown