

?? C3945 ?????????

?? C3945 ?????

?? C3945 ???? HSRP Hot Standby Router Protocol????????????

HSRP ? VRRP ???? HSRP ????? VRRP ?????

?? 1? HSRP????

HSRP???????????????????????? IP???????? Active????????

Standby????

????

???? Active?? C3945? IP 192.168.11.251

???? Standby?? C3945? IP 192.168.11.252

???? IP???????? 192.168.11.254

???????? 120?? 100???????? 100

HSRP ????? 192.168.11.251?

interface GigabitEthernet0/1

ip address 192.168.11.251 255.255.255.0

standby 1 ip 192.168.11.254 # ???? IP

standby 1 priority 120 # ?????

standby 1 preempt # ?????????

standby 1 authentication md5 key-string cisco # HSRP ??

HSRP ????? 192.168.11.252?

interface GigabitEthernet0/1

ip address 192.168.11.252 255.255.255.0

standby 1 ip 192.168.11.254

standby 1 priority 100 # ?????

standby 1 preempt

standby 1 authentication md5 key-string cisco

????

?? HSRP ??

show standby brief

???? Active??? "Active"

???? Standby??? "Standby"

□□□□□□

□□□□□□□□

```
interface GigabitEthernet0/1
shutdown
```

□□□□□□□□ show standby brief□□□□□□ "Active"□

□□□□□□

□□ preempt □□□□□□□□□□□□□□□□

□□ 2□ VRRP□□□□□□□□□□

VRRP□ Virtual Router Redundancy Protocol□ □□□□ HSRP□□□□□

HSRP□□□□□□□□□□ Cisco □□ □□□□
VRRP□□□□□□□□□□ Cisco□□□□ H3C □□□□

VRRP □□□□□□ 192.168.11.251□

```
interface GigabitEthernet0/1
ip address 192.168.11.251 255.255.255.0
vrrp 1 ip 192.168.11.254 # □□□□ IP
vrrp 1 priority 120 # □□□□□□
vrrp 1 preempt # □□□□□□□□□□□□
```

VRRP □□□□□□□□ 192.168.11.252□

```
interface GigabitEthernet0/1
ip address 192.168.11.252 255.255.255.0
vrrp 1 ip 192.168.11.254
vrrp 1 priority 100 # □□□□□□
vrrp 1 preempt
```

□□ 3□ GLBP□□□□□□ + □□□□

GLBP□ Gateway Load Balancing Protocol□
□□□□□□□□□□□□□□□□□□□□□□□□□□□□
GLBP □□□□□□□□ 192.168.11.251□

```
interface GigabitEthernet0/1
ip address 192.168.11.251 255.255.255.0
glbp 1 ip 192.168.11.254 # □□□□ IP
glbp 1 priority 120 # □□□□□□
glbp 1 preempt
glbp 1 load-balancing round-robin # □□□□□□
```

GLBP [] [] [] [] [] [] [] [] 192.168.11.252[]

```
interface GigabitEthernet0/1
ip address 192.168.11.252 255.255.255.0
glbp 1 ip 192.168.11.254
glbp 1 priority 100 # [ ] [ ] [ ] [ ] [ ] [ ]
glbp 1 preempt
```



Diagram illustrating the relationship between HSRP, VRRP, and GLBP:




- HSRP: Represented by a single block.
- VRRP: Represented by a single block.
- GLBP: Represented by a block that is the sum of HSRP and VRRP, indicated by a plus sign and a bracket.

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[illegible]

HSRP/VRRP  

GLBP   + 

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