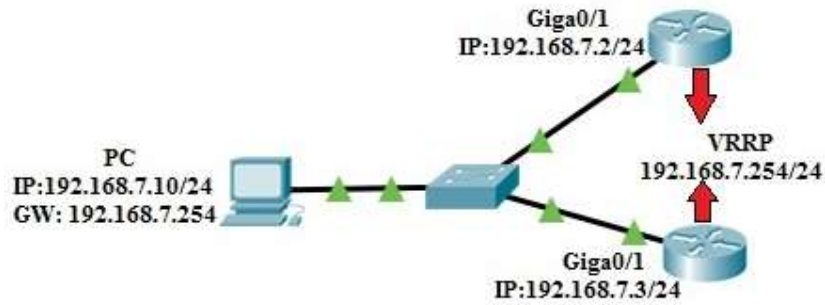


Verify VRRP



Router_1

```
interface GigEthernet0/1
ip address 192.168.7.2 255.255.255.0
vrrp associate 192.168.7.254 255.255.255.0
vrrp priority 200
```

Router_2

```
interface GigEthernet0/1
ip address 192.168.7.3 255.255.255.0
vrrp associate 192.168.7.254 255.255.255.0
vrrp priority 150
```

Router_1

```
interface GigEthernet0/1
ip address 192.168.7.2 255.255.255.0
no ip directed-broadcast
vrrp associate 192.168.7.254 255.255.255.0
vrrp priority 200
ip http firewalltype 0
--More--
```

```
Router_1#
Router_1#show vrr
-- VRRP protocol information
Router_1#show vrrp br
Router_1#show vrrp brief
Interface Grp Prio Pre State Master addr Virtual addr
g0/1 0 200 Y Master 192.168.7.2 192.168.7.254
Router_1#
Router_1#show vrrp de
Router_1#show vrrp detail
GigEthernet0/1 - Group 0
VRRP State is Master
Configured version: 3, actual version: 3
Virtual IP address : 192.168.7.254/24
Virtual Mac address : 0000,5e00,0100
Current Priority : 200 (Config 200)
VRRP timer : Advertise 1.000s (default) master_down 3.020s
VRRP current timer : Advertise 0.030s master_down 0.000s preempt after 0.0 s
Preempt is set (delay : 0 s)
Learn Advertise Interval is not set
Master Router IP : 192.168.7.2, priority : 200, advertisement : 1.000 s
Router_1#
Router_1#
```

Router_2

```
interface GigabitEthernet0/1
ip address 192.168.7.3 255.255.255.0
no ip directed-broadcast
vrrp associate 192.168.7.254 255.255.255.0
vrrp priority 150
ip http firewalltype 0
!
```

```
COM3 - PuTTY
no ip directed-broadcast
ip http firewalltype 0
!
interface GigabitEthernet0/5
no ip address
no ip directed-broadcast
ip http firewalltype 0
!
interface Serial1/0
no ip address
no ip directed-broadcast
!
interface Serial2/0
Router_2#
Router_2#
Router_2#
Router_2#
Router_2#
Router_2#
Router_2#show vrr
Router_2#show vrr
-- VRRP protocol information
Router_2#show vrr br
Router_2#show vrr brief
Interface Grp Prio Pre State Master addr Virtual addr
g0/1 0 150 Y BACKUP 192.168.7.2 192.168.7.254
Router_2#
Router_2#
Router_2#show vrr det
Router_2#show vrr detail
GigabitEthernet0/1 - Group 0
VRRP State is BACKUP
Configured version: 3, actual version: 3
Virtual IP address : 192.168.7.254/24
Virtual Mac address : 0000.5e00.0100
Current Priority : 150 (Config 150)
VRRP timer : Advertise 1.000s (default) master_down 3.040s
VRRP current timer : Advertise 0.000s master_down 2.760s preempt after 0.0 s
Preempt is set (delay : 0 s)
Learn Advertise Interval is not set
Master Router IP : 192.168.7.2, priority : 200, advertisement : 1.000 s
Router_2#
Router_2#
Router_2#
```

```
Router_2#show vrr br
Router_2#show vrr brief
Interface Grp Prio Pre State Master addr Virtual addr
g0/1 0 150 Y BACKUP 192.168.7.2 192.168.7.254
Router_2#
Router_2#
Router_2#show vrr det
Router_2#show vrr detail
GigabitEthernet0/1 - Group 0
VRRP State is BACKUP
Configured version: 3, actual version: 3
Virtual IP address : 192.168.7.254/24
Virtual Mac address : 0000.5e00.0100
Current Priority : 150 (Config 150)
VRRP timer : Advertise 1.000s (default) master_down 3.040s
VRRP current timer : Advertise 0.000s master_down 2.760s preempt after 0.0 s
Preempt is set (delay : 0 s)
Learn Advertise Interval is not set
Master Router IP : 192.168.7.2, priority : 200, advertisement : 1.000 s
Router_2#
Router_2#
Router_2#<190>Jan 10 17:43:52 Router_2 VRRP 06AA6200 [Core 0]: VRRP(0:q0/1):State BACKUP =>Master
Router_2#show vrr brief
Interface Grp Prio Pre State Master addr Virtual addr
g0/1 0 150 Y Master 192.168.7.3 192.168.7.254
Router_2#
Router_2#
Router_2#show vrr detail
GigabitEthernet0/1 - Group 0
VRRP State is Master
Configured version: 3, actual version: 3
Virtual IP address : 192.168.7.254/24
Virtual Mac address : 0000.5e00.0100
Current Priority : 150 (Config 150)
VRRP timer : Advertise 1.000s (default) master_down 3.040s
VRRP current timer : Advertise 0.260s master_down 0.000s preempt after 0.0 s
Preempt is set (delay : 0 s)
Learn Advertise Interval is not set
Master Router IP : 192.168.7.3, priority : 150, advertisement : 1.000 s
Router_2#
```

```

Router_1#show ip interface brief
Interface          IP-Address      Method Protocol-Status
Null0              unassigned     manual up
GigEthernet0/0    unassigned     manual down
GigEthernet0/1    192.168.7.2    manual down
GigEthernet0/2    unassigned     manual down
GigEthernet0/3    unassigned     manual down
GigEthernet0/4    unassigned     manual down
GigEthernet0/5    unassigned     manual down
Async0/6          unassigned     manual down
Router_1#
Router_1#
Router_1#
Router_1#
Router_1#show vrrp detail
GigEthernet0/1 - Group 0
VRRP State is Init
Configured version: 3, actual version: 3
Virtual IP address : 192.168.7.254/24
Virtual Mac address : 0000.5e00.0100
Current Priority : 200 (Config 200)
VRRP timer : Advertise 1.000s (default) master_down 3.020s
VRRP current timer : Advertise 0.000s master_down 0.000s preempt after 0.0 s
Preempt is set (delay : 0 s)
Learn Advertise Interval is not set
Master Router IP : unknown, priority : 200, advertisement : 1.000 s
Router_1#
Router_1#

```

```

Router_1#
Router_1#
<190>Jan 10 16:48:30 Router_1 Ether 06AA6200 [Core 0]: GigEthernet0/1 Link UP
<190>Jan 10 16:48:30 Router_1 VRRP 060AA120 [Core 0]: %VRRP(0:0/1):State Init ->BACKUP
<190>Jan 10 16:48:30 Router_1 Ether 060AA120 [Core 0]: GigEthernet0/1 Proto UP
<190>Jan 10 16:48:31 Router_1 VRRP 06AA6200 [Core 0]: %VRRP(0:0/1):State BACKUP =>Master
<189>Jan 10 16:48:31 Router_1 ARP 04EA6200 [Core 1]: IP Address Conflict ON GigEthernet0/1(192.168.7.254 -> 00:00:5e:00:01:00)

```

```

Router_1#
Router_1#show ip interface brief
Interface          IP-Address      Method Protocol-Status
Null0              unassigned     manual up
GigEthernet0/0    unassigned     manual down
GigEthernet0/1    192.168.7.2    manual up
GigEthernet0/2    unassigned     manual down
GigEthernet0/3    unassigned     manual down
GigEthernet0/4    unassigned     manual down
GigEthernet0/5    unassigned     manual down
Async0/6          unassigned     manual down
Router_1#show vrrp br
Router_1#show vrrp brief
Interface Grp Prio Pre State Master addr Virtual addr
0/1      0 200 Y Master 192.168.7.2 192.168.7.254
Router_1#
Router_1#
Router_1#show vrrp detail
GigEthernet0/1 - Group 0
VRRP State is Master
Configured version: 3, actual version: 3
Virtual IP address : 192.168.7.254/24
Virtual Mac address : 0000.5e00.0100
Current Priority : 200 (Config 200)
VRRP timer : Advertise 1.000s (default) master_down 3.020s
VRRP current timer : Advertise 0.100s master_down 0.000s preempt after 0.0 s
Preempt is set (delay : 0 s)
Learn Advertise Interval is not set
Master Router IP : 192.168.7.2, priority : 200, advertisement : 1.000 s
Router_1#

```

```

192.168.7.3 - PUTTY
Router_2#
Router_2#
Router_2#
Router_2#
Router_2#
Router_2#
Router_2#
Router_2#
Router_2#
Router_2#
Router_2#
Router_2#
Router_2#show vrrp brief
Interface Grp Prio Pre State Master addr Virtual addr
0/1      0 150 Y Master 192.168.7.3 192.168.7.254
Router_2#
Router_2#
Router_2#show vrrp brief
Interface Grp Prio Pre State Master addr Virtual addr
0/1      0 150 Y BACKUP 192.168.7.2 192.168.7.254
Router_2#

```