## R1：

<Huawei>sys

Enter system view, return user view with Ctrl+Z.

[Huawei]

Nov 12 2022 18:13:04-08:00 Huawei %%01IFPDT/4/IF\_STATE(l)[0]:Interface GigabitEt

hernet0/0/0 has turned into UP state.

[Huawei]undo

Nov 12 2022 18:13:07-08:00 Huawei %%01IFPDT/4/IF\_STATE(l)[1]:Interface GigabitEt

hernet0/0/1 has turned into UP state.

[Huawei]undo in en

Info: Information center is disabled.

[Huawei]

[Huawei]

[Huawei]

[Huawei]sys R1

[R1]int g0/0/0

[R1-GigabitEthernet0/0/0]ip add 10.1.1.1 24

[R1-GigabitEthernet0/0/0]int g0/0/1

[R1-GigabitEthernet0/0/1]ip add 13.1.1.1 24

[R1-GigabitEthernet0/0/1]

[R1]int g0/0/0

[R1-GigabitEthernet0/0/0]dhcp se re

[R1-GigabitEthernet0/0/0]dhcp se re

^

Error:Ambiguous command found at '^' position.

[R1-GigabitEthernet0/0/0]dhcp sel

[R1-GigabitEthernet0/0/0]dhcp select re

[R1-GigabitEthernet0/0/0]dhcp select relay

Error: Please enable DHCP in the global view first.

[R1-GigabitEthernet0/0/0]dhcp rel

[R1-GigabitEthernet0/0/0]dhcp relay server-ip 13.1.1.3

Error: Please configure dhcp select relay first.

[R1-GigabitEthernet0/0/0]dhcp se

[R1-GigabitEthernet0/0/0]dhcp select re

[R1-GigabitEthernet0/0/0]dhcp select relay

Error: Please enable DHCP in the global view first.

[R1-GigabitEthernet0/0/0]dhcp ena

[R1-GigabitEthernet0/0/0]dhcp ena

Info: The operation may take a few seconds. Please wait for a moment.done.

[R1]q

<R1>

<R1>

<R1>

<R1>

<R1>sys

Enter system view, return user view with Ctrl+Z.

[R1]

[R1]

[R1]dhcp en

[R1]dhcp enable

[R1]int g0/0/0

[R1-GigabitEthernet0/0/0]dhcp sel

[R1-GigabitEthernet0/0/0]dhcp select re

[R1-GigabitEthernet0/0/0]dhcp select relay

[R1-GigabitEthernet0/0/0]dhcp relay server-ip 13.1.1.3

[R1-GigabitEthernet0/0/0]

## R2：

<Huawei>sys

Enter system view, return user view with Ctrl+Z.

[Huawei]

[Huawei]

[Huawei]sys R2

[R2]un in en

Info: Information center is disabled.

[R2]

[R2]

[R2]

[R2]int g0/0/0

[R2-GigabitEthernet0/0/0]ip add 20.1.1.1 24

[R2-GigabitEthernet0/0/0]int g0/0/1

[R2-GigabitEthernet0/0/1]ip add 23.1.1.1 24

[R2-GigabitEthernet0/0/1]

R2]dhcp en

[R2]dhcp enable

Info: The operation may take a few seconds. Please wait for a moment.done.

[R2]int g0/0/0

[R2-GigabitEthernet0/0/0]dhcp s

[R2-GigabitEthernet0/0/0]dhcp select r

[R2-GigabitEthernet0/0/0]dhcp select relay

[R2-GigabitEthernet0/0/0]dhcp relay ser

[R2-GigabitEthernet0/0/0]dhcp relay server-ip 21.1.1.3

## Server：

<Huawei>sys

Enter system view, return user view with Ctrl+Z.

[Huawei]sys Server

[Server]un in en

Info: Information center is disabled.

[Server]int g0/0/0

[Server-GigabitEthernet0/0/0]ip add 13.1.1.3 24

[Server-GigabitEthernet0/0/0]int g0/0/1

[Server-GigabitEthernet0/0/1]ip add 23.1.1.3 24

[Server-GigabitEthernet0/0/1]

[Server]ip route-static 10.1.1.0 24 13.1.1.1

[Server]ip route-static 20.1.1.0 24 23.1.1.1

[Server]dhcp enable

Info: The operation may take a few seconds. Please wait for a moment.done.

[Server]ip pool one

Info: It's successful to create an IP address pool.

[Server-ip-pool-one]network 10.1.1.0 mask 24

[Server-ip-pool-one]gateway-list 10.1.1.1

[Server-ip-pool-one]dns-list 10.1.1.254

[Server-ip-pool-one]exc

[Server-ip-pool-one]excluded-ip-address 10.1.1.254

[Server-ip-pool-one]

Server]dhcp enable

Info: The operation may take a few seconds. Please wait for a moment.done.

[Server]ip pool one

Info: It's successful to create an IP address pool.

[Server-ip-pool-one]network 10.1.1.0 mask 24

[Server-ip-pool-one]gateway-list 10.1.1.1

[Server-ip-pool-one]dns-list 10.1.1.254

[Server-ip-pool-one]exc

[Server-ip-pool-one]excluded-ip-address 10.1.1.254

[Server-ip-pool-one]dis this

[V200R003C00]

#

ip pool one

gateway-list 10.1.1.1

network 10.1.1.0 mask 255.255.255.0

excluded-ip-address 10.1.1.254

dns-list 10.1.1.254

#

return

[Server-ip-pool-one]static-b

[Server-ip-pool-one]static-bind ip

[Server-ip-pool-one]static-bind ip-address 10.1.1.88 mac

[Server-ip-pool-one]static-bind ip-address 10.1.1.88 mac-address 00e0-fc54-0af6

[Server-ip-pool-one]

[Server-ip-pool-one]dis this

[V200R003C00]

#

ip pool one

gateway-list 10.1.1.1

network 10.1.1.0 mask 255.255.255.0

static-bind ip-address 10.1.1.88 mac-address 00e0-fc54-0af6

excluded-ip-address 10.1.1.254

dns-list 10.1.1.254

#

return

[Server-ip-pool-one]q

[Server]

[Server]

[Server]

[Server]ip pool two

Info: It's successful to create an IP address pool.

[Server-ip-pool-two]network 20.1.1.0 mask 24

[Server-ip-pool-two]gateway-list 20.1.1.1

[Server-ip-pool-two]dns-list 20.1.1.254

[Server-ip-pool-two]exc

[Server-ip-pool-two]excluded-ip-address 20.1.1.4 20.1.1.254

[Server-ip-pool-two]

[Server-ip-pool-two]

[Server-ip-pool-two]q

[Server]

[Server]

[Server]

[Server]int g0/0/0

[Server-GigabitEthernet0/0/0]dhcp se

[Server-GigabitEthernet0/0/0]dhcp select g

[Server-GigabitEthernet0/0/0]dhcp select global

[Server-GigabitEthernet0/0/0]int g0/0/1

[Server-GigabitEthernet0/0/1]dhcp s g

## 打印机

<dayinji>sys

Enter system view, return user view with Ctrl+Z.

[dayinji]

[dayinji]

[dayinji]

[dayinji]dhcp enable

Info: The operation may take a few seconds. Please wait for a moment.done.

[dayinji]int g0/0/0

[dayinji-GigabitEthernet0/0/0]ip add dhcp-all

[dayinji-GigabitEthernet0/0/0]ip add dhcp-alloc

[dayinji-GigabitEthernet0/0/0]

[dayinji-GigabitEthernet0/0/0]

[dayinji-GigabitEthernet0/0/0]

[dayinji-GigabitEthernet0/0/0]

[dayinji-GigabitEthernet0/0/0]

[dayinji-GigabitEthernet0/0/0]

Nov 12 2022 18:30:00-08:00 dayinji %%01IFNET/4/LINK\_STATE(l)[0]:The line protoco

l IP on the interface GigabitEthernet0/0/0 has entered the UP state.

[dayinji-GigabitEthernet0/0/0]q

[dayinji]

[dayinji]

[dayinji]

[dayinji]dis ip int bri

\*down: administratively down

^down: standby

(l): loopback

(s): spoofing

The number of interface that is UP in Physical is 2

The number of interface that is DOWN in Physical is 2

The number of interface that is UP in Protocol is 2

The number of interface that is DOWN in Protocol is 2

Interface IP Address/Mask Physical Protocol

GigabitEthernet0/0/0 10.1.1.88/24 up up

GigabitEthernet0/0/1 unassigned down down

GigabitEthernet0/0/2 unassigned down down

NULL0 unassigned up up(s)