

H3C????????????????

??H3C MSR????????????

1.1????????????

????H3C????????????(Console)????

1.????????(CRT?Xshell?MobaXterm)?

2.????a???? H3C????????

???? ?????????(????)?

3???????????????? ?

4.????????????????<H3C>????????

1.2????????

1.????telnet????

<H3C> system-view ?????

[H3C]telnet server enable ?????telnet??

[H3C]configure-user count 5 ?????????????

[H3C]local-user telnet ?????(??telnet????????)

[H3C-luser-telnet]password simple h3c ??telnet????????

[H3C-luser-telnet]service-type telnet ?????????(??telnet)[H3C-luser-telnet]level 3 ?????????

[H3C-luser-telnet]quit ?????

[H3C][H3C]user-interface vty 0 4 ?????

[H3C-ui-vty0-4]authentication-mode scheme ??“scheme”????

2.????

????ip??

<H3C> system-view ?????

[H3C] interface serial 3/0 ?????

[H3C-Serial3/0] ip address 200.1.1.1 255.255.255.0 ?????ip??

[H3C-Serial3/0] undo shutdown ?????

[H3C-Serial3/0] quit ?????

3.????

<H3C> system-view ?????

```
[H3C]ip route-static 192.168.1.0 255.255.255.0 192.168.0.1 ??????????[H3C]ip route-static 0.0.0.0 0.0.0.0 192.168.0.1 ??????????
```

4.????????

```
display current-configuration ??????????
```

```
<H3C>save ???????
```

```
display interface GigabitEthernet 0/0 ??????????
```

1.3 ????????????

1.??VLAN????????vlan?

```
<H3C> system-view ???????
```

```
[H3C]vlan 10 ??vlan 10
```

```
[H3C-vlan100]port ethernet 0/1 ??????????vlan?
```

```
[H3C-vlan100]quit ???????
```

2.??vlan????????ip??

```
<H3C> system-view ???????
```

```
[H3C]interface vlan-interface 1 ??vlan???
```

```
[H3C-Vlan-interface100] ip address 192.168.1.1 255.255.255.0 ??ip???
```

3. ???????

```
[H3C] interface vlan-interface 1
```

```
[H3C-Vlan-interface10] ip address 192.168.1.1 255.255.255.0
```

```
[H3C-Vlan-interface10] quit
```

```
[H3C] ip route-static 0.0.0.0 0.0.0.0 192.168.1.2 ???????
```

4.????????

```
<H3C> system-view ???????
```

```
[H3C]interface ethernet 0/1
```

```
[H3C]port link-type trunk ??????????trunk
```

```
[H3C]port trunk permit vlan all trunk????????vlan??
```

```
[H3C]saveTrunk????????vlan????????????????????
```

5.?????telnet???????????

```
<H3C> system-view ???????
```

```
[H3C]local-user telnet ???????(???telnet???????????????)
```

```
[H3C-luser-telnet]password simple h3c  ??telnet????????????
[H3C-luser-telnet]service-type telnet  ??????????(??telnet)[H3C-luser-telnet]level 3  ?????????
[H3C-luser-telnet]quit  ?????
[H3C][H3C]user-interface vty 0 4  ?????
[H3C-ui-vty0-4]authentication-mode scheme  ??"scheme"????
```

??H3C????????????

2.1 IP??????

```
<Quidway>system-view----????????
[Quidway] interface Vlan-interface 1---????????VLAN-1
[Quidway-Vlan-interface1]ip add 192.168.X.254 255.255.255.0--??IP??[Quidway-Vlan-interface1]quit
[Quidway] ip route-static 0.0.0.0 0.0.0.0 192.168.0.33-????????
```

2.2 ????????

```
<Quidway>system-view----????????
[Quidway] user-interface vty 0 4
[Quidway-ui-vty0-4] user privilege level 3—????
[Quidway-ui-vty0-4] set authentication password cipher 123456 ?cipher????
```

2.3 ????????????

```
<Quidway>system-view----????????
[Quidway]interface Ethernet 1/0/1---????
[Quidway-Ethernet1/0/1] duplex full—?????"????"
[Quidway-Ethernet1/0/1] speed 100---?????"100M"????????????1000M?
```

2.4 ??VLAN???

```
<Quidway>system-view----????????
[Quidway]VLAN 100---??VLAN---ID?:100
[Quidway]VLAN 101---??VLAN---ID?:101
[Quidway-vlan100] port Ethernet 1/0/1 to Ethernet 1/0/10----??1???10????VLAN 100
[Quidway-vlan101] port Ethernet 1/0/11 to Ethernet 1/0/24----??11???24????VLAN 101
```

2.5 ??TRUNK??

```
????????????????VLAN?100?101?VLAN 100????VLAN
????????
```

```
<Quidway>system-view---?????????
[Quidway]VLAN 100 ---??VLAN---ID?:100
[Quidway]VLAN 101 ---??VLAN---ID?:101
[Quidway-vlan100] port Ethernet 1/0/1 to Ethernet 1/0/10
[Quidway-vlan101] port Ethernet 1/0/11 to Ethernet 1/0/24
[Quidway] interface Vlan-interface 100
[Quidway-Vlan-interface100]ip address 192.168.100.254 255.255.255.0
[Quidway-Vlan-interface100]quit
[Quidway]ip route-static 0.0.0.0 0.0.0.0 192.168.100.33 ???????????
```

```
?????????GigabitEthernet1/1/1
?????????????????
[Quidway] interface GigabitEthernet 1/1/1 --???????
[Quidway-GigabitEthernet1/1/1] port link-type trunk --TRUNK?????????[Quidway-GigabitEthernet1/1/1]
port trunk permit????vlan all
[Quidway-GigabitEthernet1/1/1] duplex full—?????“?????”
[Quidway-GigabitEthernet1/1/1] speed 1000---?????“1000M”
```

2.6 SNMP?????

```
[Quidway]snmp-agent community read 1234---SNMP?????
[Quidway]snmp-agent community write 4567—SNMP?????
[Quidway]snmp-agent sys-info version all --SNMP?????V1?V2c?V3?????????????????
```

2.7 ???ARP?????

```
<Quidway>system-view
[Quidway]dhcp-snooping --?????DHCP Snooping ???
??VLAN 1 ??????ARP ???????
[Quidway]vlan 1[Quidway-vlan1]arp detection enable
[Quidway-vlan1]quit
```

```
??????Ethernet1/0/1 ?DHCP Snooping ??????ARP ??????[Quidway]interface Ethernet1/0/1
[Quidway-Ethernet1/0/1]dhcp-snooping trust
[Quidway-Ethernet1/0/1]arp detection trust
[Quidway-Ethernet1/0/1]quit
```

????Ethernet1/0/2 ??ARP ??????????ARP ???????????20pps?--

??

[Quidway]interface Ethernet1/0/2

[Quidway-Ethernet1/0/2]arp rate-limit enable

[Quidway-Ethernet1/0/2]arp rate-limit 20

[Quidway-Ethernet1/0/2]quit

????????????????????????????30 ??

[Quidway] arp protective-down recover enable

[Quidway] arp protective-down recover interval 30

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