

温兆和 10205501432, 计网编程作业四

P6. 接口 0: 00000000 ~ 00111111

共 2^6 个地址.

接口 1: 01000000 ~ 01011111

共 2^5 个地址.

接口 2: 01100000 ~ 01111111; 10000000 ~ 10111111

共 $2^5 + 2^6$ 个地址.

接口 3: 11000000 ~ 11111111

共 2^6 个地址.

P8. ~~60~~³ 个网 1. 60 个接口, 至少 6 个二进制位

223. 1. 17. 0/26

子网 2: 90 个接口; 至少 7 个二进制位

223. 1. 17. 0/25

子网 3: 12 个接口; 至少 4 个二进制位

223. 1. 17. 0/28

P11. 128. 119. 40. 128

~~总共~~ 每块拥有 $\frac{2^6}{4} = 16$ 个 IP 地址.

分别: 128. 119. 40. 128/28.

128. 119. 40. 144/28

128. 119. 40. 160/28

128. 119. 40. 176/28.

P15. 设至少发 n 个数据报.



Forward (2)

Ingress Port = 2; IP Src = 10.1.*.* IP Dst = 10.3.*.*

Forward (1)

Ingress Port = 1. ~~IP Src = 10.2.*.*~~ IP Dst = 10.2.0.4

Forward (4)

Ingress Port = 2. IP Dst = 10.2.0.4.

Forward (4)

Ingress Port = 1. IP Dst = 10.2.0.3

Forward (3)

Ingress Port = 2. IP Dst = 10.2.0.3

Forward (3)

IP Src = 10.2.0.4 IP Dst = 10.2.0.3

Forward (3)

IP Src = 10.2.0.3 IP Dst = 10.2.0.4

Forward (4)

P20

IP Src = 10.2.0.3 IP Dst = 10.1.*.*

Forward (2)

IP Src = 10.2.0.3 IP Dst = 10.3.*.*

Forward (2)

IP Src = 10.2.0.4 IP Dst = 10.1.*.*

Forward (1)

IP Src = 10.2.0.4 IP Dst = 10.3.*.*



Forward (1)

JI



扫描全能王 创建