

ROUTES:

```
ip route 172.16.0.0 255.255.0.0 10.200.200.254
```

```
ip route 0.0.0.0 0.0.0.0 10.200.200.254
```

CONF:

```
interface FastEthernet0/1.10
```

```
encapsulation dot1Q 10
```

```
ip address 172.23.1.30 255.255.255.224
```

```
no shutdown
```

```
exit
```

```
interface FastEthernet0/1.20
```

```
encapsulation dot1Q 20
```

```
ip address 172.23.1.78 255.255.255.240
```

```
no shutdown
```

```
exit
```

```
interface FastEthernet0/1.30
```

```
encapsulation dot1Q 30
```

```
ip address 172.23.1.62 255.255.255.224
```

```
no shutdown
```

```
exit
```

```
interface FastEthernet0/1.40
```

```
encapsulation dot1Q 40
```

```
ip address 172.23.0.254 255.255.255.0
```

```
no shutdown
```

```
exit
```

```
access-list 110 permit tcp any gt 1023 any eq 80

access-list 110 permit tcp any gt 1023 any eq 443

access-list 110 permit udp any host 172.16.23.1 eq 53

access-list 110 permit tcp any gt 1023 host 172.16.23.1 eq 80

access-list 110 permit icmp any 172.23.1.64 0.0.0.15 echo-reply

access-list 110 permit tcp any any eq 25

access-list 110 permit tcp any any eq 110

access-list 110 permit tcp any any eq 143

access-list 110 permit tcp any any eq 587

access-list 110 permit tcp any any eq 995

access-list 110 permit tcp any any eq 993

access-list 110 permit udp any any eq 443

access-list 110 permit udp any any eq 3481

access-list 110 permit udp any any gt 50000

access-list 110 deny tcp any any eq 20

access-list 110 deny tcp any any eq 21

int fa0/1.10

ip access-group 110 in

exit

access-list 120 permit tcp any any eq 25

access-list 120 permit tcp any any eq 110
```

access-list 120 permit udp any any eq 443

access-list 120 permit udp any any eq 3481

access-list 120 permit udp any any gt 50000

access-list 120 permit tcp any any eq 20

access-list 120 permit tcp any any eq 21

int fa0/1.20

ip access-group 120 in

exit

access-list 130 permit tcp any gt 1023 any eq 80

access-list 130 permit tcp any gt 1023 any eq 443

access-list 130 permit udp any host 172.16.23.1 eq 53

access-list 130 permit tcp any gt 1023 host 172.16.23.1 eq 80

access-list 130 permit icmp any 172.23.1.64 0.0.0.15 echo-reply

access-list 130 permit tcp any any eq 25

access-list 110 permit tcp any any eq 110

access-list 110 permit tcp any any eq 143

access-list 110 permit tcp any any eq 587

access-list 110 permit tcp any any eq 995

access-list 110 permit tcp any any eq 993

access-list 130 permit tcp any any eq 110

```
access-list 130 permit udp any any eq 443
```

```
access-list 130 permit udp any any eq 3481
```

```
access-list 130 permit udp any any gt 50000
```

```
access-list 130 permit tcp any any eq 20
```

```
access-list 130 permit tcp any any eq 21
```

```
int fa0/1.30
```

```
ip access-group 130 in
```

```
exit
```

```
access-list 140 permit tcp any gt 1023 any eq 80
```

```
access-list 140 permit tcp any gt 1023 any eq 443
```

```
access-list 140 permit icmp any 172.23.1.64 0.0.0.15 echo-reply
```

```
access-list 140 permit tcp any any eq 25
```

```
access-list 110 permit tcp any any eq 110
```

```
access-list 110 permit tcp any any eq 143
```

```
access-list 110 permit tcp any any eq 587
```

```
access-list 110 permit tcp any any eq 995
```

```
access-list 110 permit tcp any any eq 993
```

```
access-list 140 permit tcp any any eq 110
```

```
access-list 140 permit udp any any eq 443
```

```
access-list 140 permit udp any any eq 3481
```

```
access-list 140 permit udp any any gt 50000
```

```
access-list 140 deny tcp any any eq 20
```

```
access-list 140 deny tcp any any eq 21
```

```
int fa0/1.40
```

```
ip access-group 140 in
```

```
exit
```

```
access-list 101 permit tcp any eq 80 any gt 1023 established
```

```
access-list 101 permit tcp any eq 443 any gt 1023 established
```

```
access-list 101 permit udp host 172.16.23.1 eq 53 any gt 1023
```

```
access-list 101 permit icmp any 172.23.1.64 0.0.0.15 echo-reply
```

```
access-list 101 permit tcp host 172.16.23.1 eq 3389 172.23.1.64 0.0.0.15 gt 1023
```

```
access-list 101 permit udp host 172.16.23.3 eq 161 any
```

```
access-list 101 permit icmp any any
```

```
int fa0/0
```

```
ip access-group 101 in
```