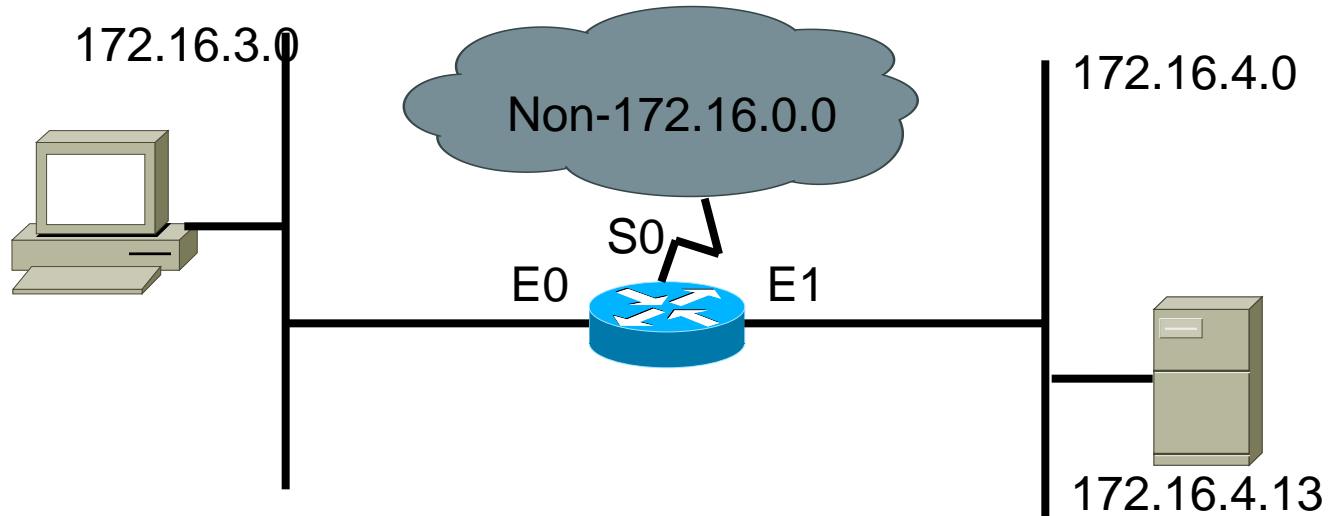


Standard and Extended Access-list

Examples

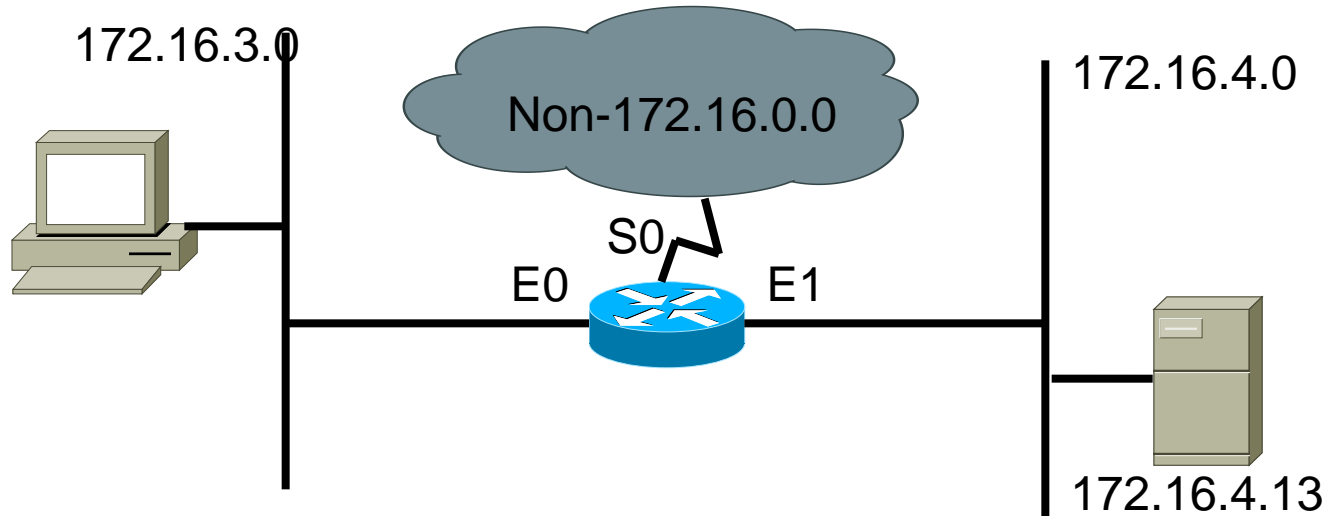
1. Allow only traffic from source 172.16.0.0 to be forwarded out on E0 and E1.
Non-172.16.0.0 network traffic is blocked



```
Access-list 1 permit 172.16.0.0 0.0.255.255  
(implicit deny all – not visible in list)  
(access-list 1 deny 0.0.0.0 255.255.255.255)
```

```
Interface ethernet 0  
Ip access-group 1 out  
Interface ethernet 1  
Ip access-group 1 out
```

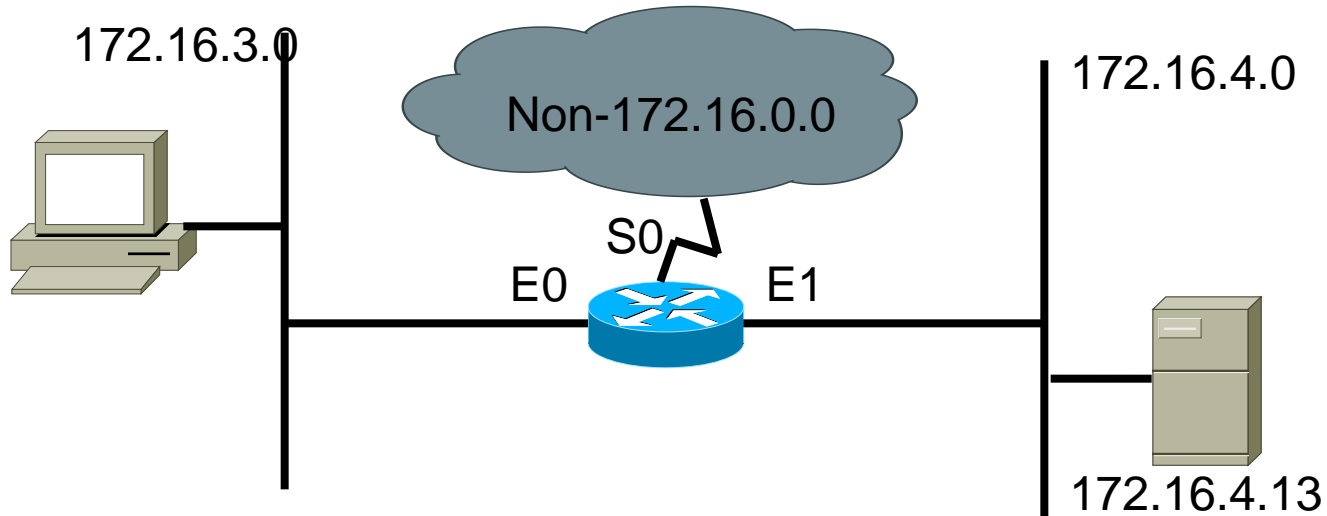
2. Block traffic from 172.16.4.13 and to allow all other traffic to be forwarded on interface E0



```
Access-list 1 deny 172.16.4.13 0.0.0.0  
Access-list 1 permit 0.0.0.0 255.255.255.255
```

```
Interface ethernet 0  
Ip access-group 1 out
```

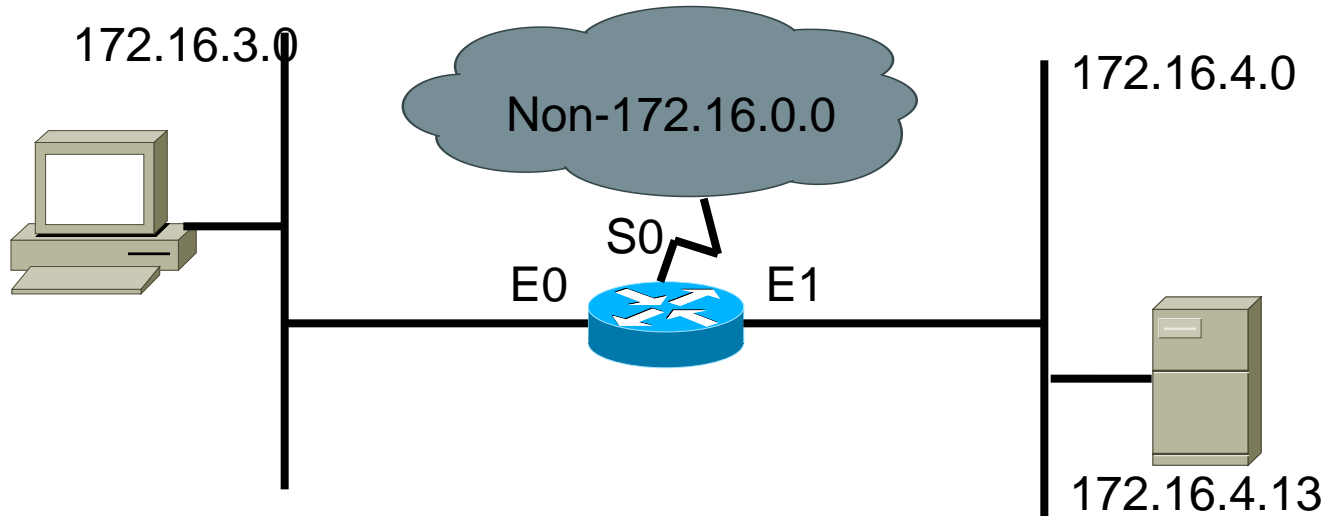
3. Block traffic from subnet 172.16.4.0 and to allow all other traffic to be forwarded out E0



```
Access-list 1 deny 172.16.4.0 0.0.0.255  
Access-list 1 permit any
```

```
Interface ethernet 0  
Ip access-group 1 out
```

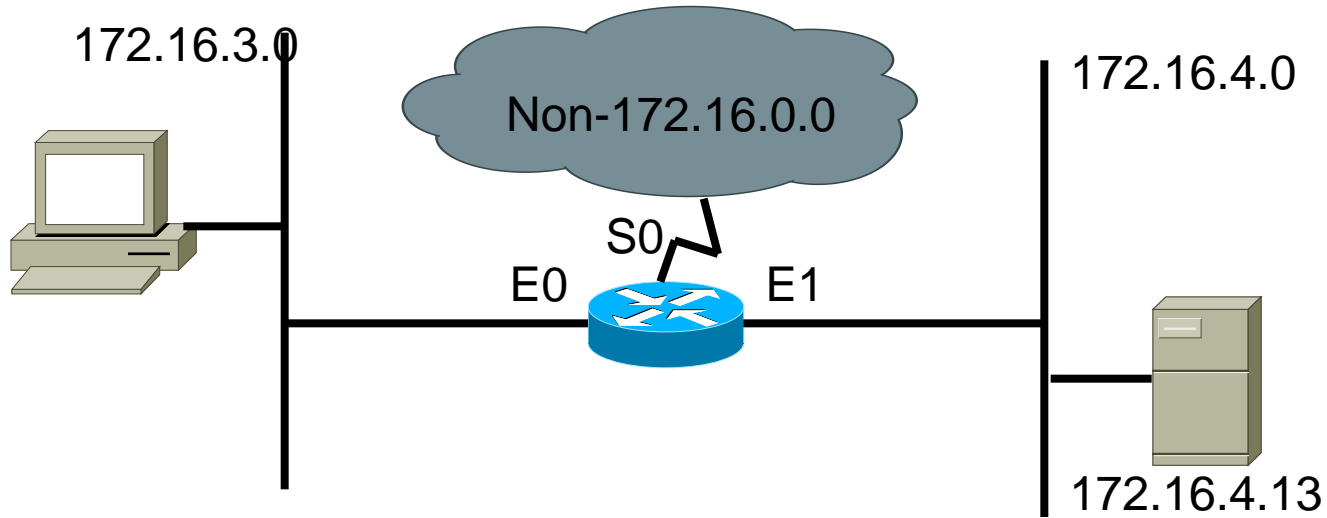
No. 4 Deny FTP traffic from subnet 172.16.4.0 to subnet 172.16.3.0. Permit statement allows all other "IP traffic out interface E0



```
Access-list 101 deny tcp 172.16.4.0 0.0.0.255 172.16.3.0 0.0.0.255 eq 21
Access-list 101 deny tcp 172.16.4.0 0.0.0.255 172.16.3.0 0.0.0.255 eq 20
Access-list 101 permit ip any any
```

```
Interface ethernet 0
Ip access-group 101 out
```

No. 5 Denies telnet traffic from 172.16.4.0 being sent out interface E0. All other traffic from any other source to any destination is permitted out E0



```
Access-list 101 deny tcp 172.16.4.0 0.0.0.255 any eq 23  
Access-list 101 permit ip any any
```

```
Interface ethernet 0  
Ip access-group 101 out
```