

IP STANDARD ACCESS LISTS (Worksheet #1)

Build an IP standard access list that will block access to the 165.45.68.0 network from IP addresses 207.41.5.34, 207.41.5.89, and 204.98.34.128 but allow all other traffic to communicate freely:

```
interface E0
 ip address 165.45.68.254 255.255.255.0
 ip access-group 1 out          or      ip access-group 1 (default is outbound)

access-list 1 deny 207.41.5.34      or      1 deny 207.41.5.34 0.0.0.0
access-list 1 deny 207.41.5.89      or      1 deny 207.41.5.89 0.0.0.0
access-list 1 deny 204.98.34.128    or      1 deny 204.98.34.128 0.0.0.0
access-list 1 permit any            or      1 permit 0.0.0.0 255.255.255.255
```

Build an IP standard access list that will prevent host 165.45.68.10 from accessing any other network other than it's own network but allow other hosts on that network to communicate freely:

```
interface E0
 ip address 165.45.68.254 255.255.255.0
 ip access-group 1 in

access-list 1 deny 165.45.68.10      or      1 deny 165.45.68.10 0.0.0.0
access-list 1 permit any            or      1 permit 0.0.0.0 255.255.255.255

access-list _____
```

Build an IP standard access list that will allow host 206.95.74.34 to communicate with hosts on the 165.45.68.0 network but will prevent any other host from communicating to hosts on the 165.45.68.0 network.

```
interface E0
 ip address 165.45.68.254 255.255.255.0
 ip access-group 1          or      access-group 1 out

access-list 1 permit 206.95.74.34    or      1 permit 206.95.74.34 0.0.0.0
access-list 1 deny 0.0.0.0 255.255.255.255 or you can use the implicit deny

access-list _____
```