

**STANDARD ACLs EXERCISES:**

1. Design an IP access list that permits traffic from host 193.5.2.76, but denies all other IP traffic.
2. Design an IP access list that denies traffic from host 11.5.25.239, but permits all other IP traffic.
3. Design an IP access list that permits IP traffic from hosts on network 196.25.1.0/24, and denies other IP traffic.
4. Design an access list that denies IP traffic from hosts 152.5.35.83 and 104.2.64.33, permits IP traffic from all hosts on network 185.25.0.0/16, and denies all other IP traffic. Invoke your access list inbound on interface E2.
5. Given the statements:

```
interface ethernet 1
ip access-group 25 in
access-list 25 permit host 101.2.3.40
access-list 25 deny 203.45.0.0 0.0.255.255
access-list 25 permit any
```

What will the result be?

6. Design an access list that permits IP traffic from hosts 1.2.3.98 and 1.2.3.99, and denies all other IP traffic. Invoke your access list outbound on interface Token Ring 3/1.
7. Given the statements:

```
interface ethernet 7
ip access-group 13 in
ip access-group 84 out
access-list 13 permit host 201.3.4.2
access-list 13 deny 203.45.0.0 0.0.255.255
access-list 13 deny 84.7.22.240 0.0.0.7
access-list 13 permit any
access-list 84 permit 203.45.6.0 0.0.0.255
```

What will the result be?

8. Design an access list that permits all IP traffic from the hosts on networks 222.111.3.0/24 through 222.111.7.0/24, and denies all other IP traffic.
9. Design an access list that permits all IP traffic from the hosts on subnets 10.0.0.0/16 through 10.7.0.0/16, permits IP traffic from the hosts on subnets 10.9.0.0/16 through 10.15.0.0/16, and denies all other IP traffic. Place it outbound on E0 and inbound on Token Ring 2.