**ASSIGNMENT – 3**

**Exercise - 1**

**CSCI-6708 Advanced Network Security**

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**Exercise 1:**

1. access-list 110 deny ip 170.16.10.5 0.0.0.0 170.16.80.16 0.0.0.0

access-list 110 permit ip any any

R3 # interface E0

Ip access group 1 out

1. access-list 2 deny 170.16.40.0 0.0.0.255

access-list 2 permit 170.16.0.0 0.0.255.255

R2 # interface E0

Ip access group 2 out

1. access-list 102 deny tcp 170.16.50.75 0.0.0.0 170.16.70.2 0.0.0.0 eq 80

access-list 102 deny tcp 170.16.50.7 0.0.0.0 170.16.70.2 0.0.0.0 eq 80

access-list 102 permit ip any any

R3 # interface E0

Ip access group 102 out

1. access-list 103 permit tcp 170.16.80.16 0.0.0.0 170.16.40.89 eq 23

access-list 103 deny tcp 170.16.80.0 0.0.0.255 170.16.40.89 eq 23

access-list 103 permit ip any any

R2 # interface E1

Ip access group 103 out

1. access-list 104 permit tcp 170.16.10.5 0.0.0.0 170.16.70.0 0.0.0.255 range 20-21

access-list 104 deny tcp 170.16.0.0 0.0.255.255 170.16.70.0 0.0.0.255 range 20-21

access-list 104 permit ip 170.16.0.0 0.0.255.255 any

R3 # interface E1

Ip access group 104 out

1. access-list 5 deny 170.16.20.0 0.0.0.255

access-list 5 permit any

R3 # interface E1

Ip access group 5 out

1. access list 101 permit ip 170.16.70.2 0.0.0.0 170.16.0.0 0.0.255.255

access-list 101 deny ip 170.16.70.2 0.0.0.0 any

access-list 101 permit ip any any

R3 # interface E1

Ip access group 101 in