

Institute of Engineering & Management
Department of Computer Science & Engineering
Network Lab for 3rd year 6th semester 2019
Code: CS 692

Date: 01/04/19

WEEK-6

Assignment-1

Problem Statement: Standard Number Access Control List(denying access).

Screen-Shot:

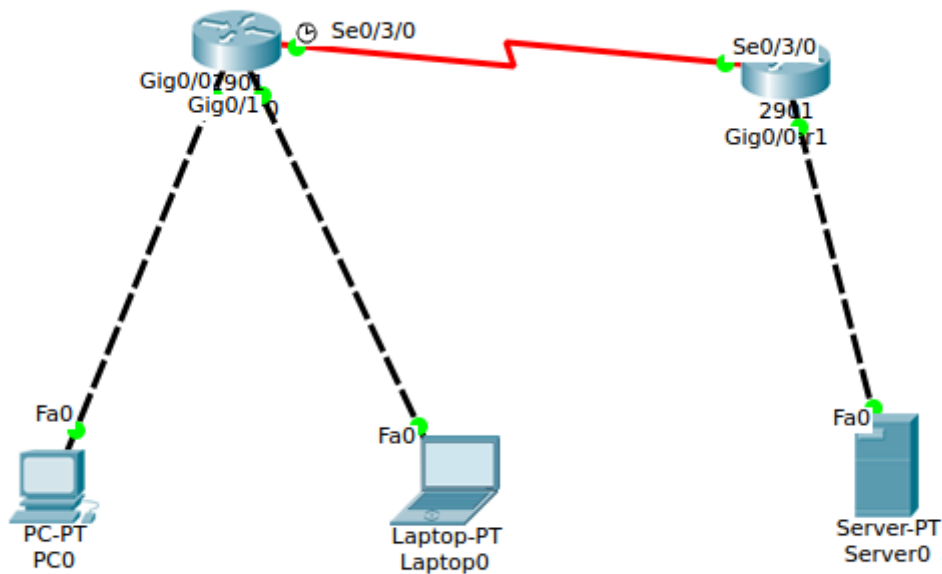


Fig: Network



Fig: Browser

CLI code:

Router-1:

```
Router>en
Router#config terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#interface gig0/0
Router(config-if)#ip address 192.168.10.1 255.255.255.0
Router(config-if)#no shutdown

Router(config-if)#
```

%LINK-5-CHANGED: Interface GigabitEthernet0/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/0, changed state to up

```
Router(config-if)#exit
Router(config)#interface gig0/1
Router(config-if)#ip address 192.168.11.1 255.255.255.0
Router(config-if)#no shutdown
```

Router(config-if)#
%LINK-5-CHANGED: Interface GigabitEthernet0/1, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/1, changed state to up

```
Router(config-if)#exit
Router(config)#interface se0/3/0
Router(config-if)#ip address 10.0.0.1 255.0.0.0
Router(config-if)#clock rate 64000
Router(config-if)#no shutdown
```

%LINK-5-CHANGED: Interface Serial0/3/0, changed state to down

```
Router(config-if)#exit
Router(config)#router rip
Router(config-router)#network 192.168.10.0
Router(config-router)#network 192.168.11.0
Router(config-router)#network 10.0.0.0
Router(config-router)#version 2
Router(config-router)#exit
Router(config)#
```

Router-2:

Router>en

Router#config terminal

Enter configuration commands, one per line. End with CNTL/Z.

```
Router(config)#interface gig0/0
Router(config-if)#ip address 192.168.10.1 255.255.255.0
Router(config-if)#no shutdown
```

Router(config-if)#
%LINK-5-CHANGED: Interface GigabitEthernet0/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/0, changed state to up

```
Router(config-if)#exit
Router(config)#interface gig0/1
Router(config-if)#ip address 192.168.11.1 255.255.255.0
Router(config-if)#no shutdown
```

```
Router(config-if)#
%LINK-5-CHANGED: Interface GigabitEthernet0/1, changed state to
up

%LINEPROTO-5-UPDOWN: Line protocol on Interface
GigabitEthernet0/1, changed state to up

Router(config-if)#exit
Router(config)#interface se0/3/0
Router(config-if)#ip address 10.0.0.1 255.0.0.0
Router(config-if)#clock rate 64000
Router(config-if)#no shutdown

%LINK-5-CHANGED: Interface Serial0/3/0, changed state to down
Router(config-if)#exit
Router(config)#router rip
Router(config-router)#network 192.168.10.0
Router(config-router)#network 192.168.11.0
Router(config-router)#network 10.0.0.0
Router(config-router)#version 2
Router(config-router)#exit
Router(config)#
Router#config terminal
Enter configuration commands, one per line.  End with CNTL/Z.
Router(config)#access-list 112 deny tcp 192.168.10.0 0.0.0.255
192.168.12.2 0.0.0.0 eq 80
Router(config)#access-list 112 permit ip any any
Router(config)#interface gig0/0
Router(config-if)#ip access-group 112 out
Router(config-if)#exit
Router(config)#
```