

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

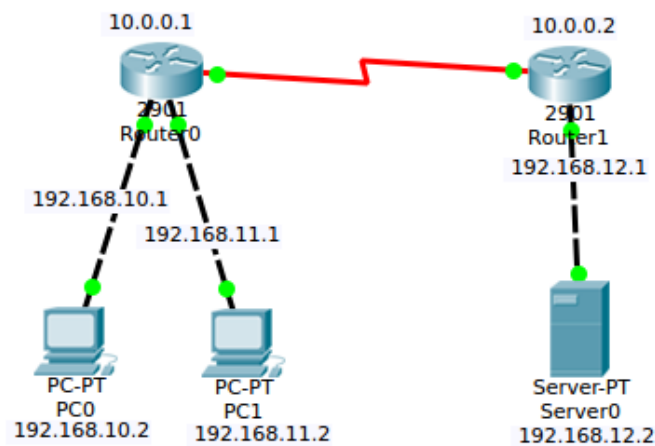
Date: 01/04/19

WEEK-5

Assignment-1

Problem Statement: Standard Number Access Control List

Screen-Shot:



CLI code:

Router-1:

```
Router>en
Router#configure terminal
Router(config)#interface gigabitEthernet 0/0
Router(config-if)#ip address 192.168.10.1 255.255.255.0
Router(config-if)#no shutdown
Router(config-if)#exit
Router(config)#interface gigabitEthernet 0/1
Router(config-if)#ip address 192.168.11.1 255.255.255.0
Router(config-if)#no shutdown
Router(config-if)#exit
Router(config)#interface serial 0/3/0
Router(config-if)#ip address 10.0.0.1 255.0.0.0
Router(config-if)#clock rate 64000
Router(config-if)#no shutdown
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)#access-list 2 deny 192.168.11.0 0.0.0.255
Router(config)#access-list 2 permit any
Router(config)#interface serial 0/3/0
Router(config-if)#ip access-group 2 out
```

Router-2:

```
Router>en
Router#configure terminal
Router(config)#interface gigabitEthernet 0/0
Router(config-if)#ip address 192.168.12.1 255.255.255.0
Router(config-if)#no shutdown
Router(config-if)#exit
Router(config)#interface serial 0/3/0
Router(config-if)#ip address 10.0.0.2 255.0.0.0
Router(config-if)#no shutdown
Router(config-if)#exit
Router(config)#router rip
Router(config-router)#network 192.168.12.0
Router(config-router)#network 10.0.0.0
Router(config-router)#version 2
Router(config-router)#exit
```