Министерство образования Республики Беларусь

Учреждение образования БЕЛОРУССКИЙ ГОСУДАРСТВЕННЫЙ УНИВЕРСИТЕТ ИНФОРМАТИКИ И РАДИОЭЛЕКТРОНИКИ

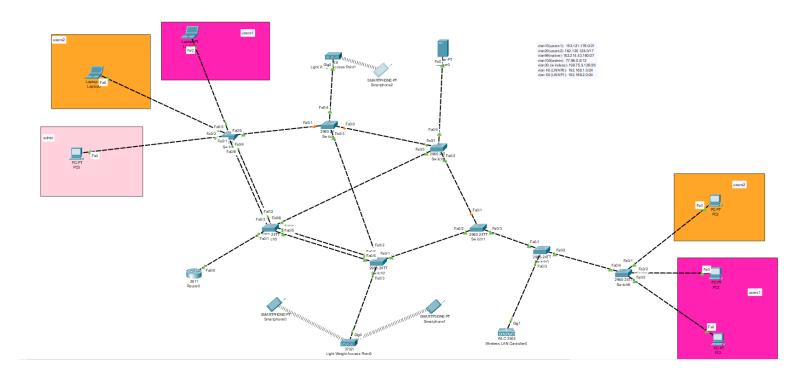
Факультет компьютерных систем и сетей Кафедра электронных вычислительных машин Дисциплина: Оборудование компьютерных сетей

ОТЧЕТ по лабораторной работе № 4

ВАРИАНТ № 112

Студент:			
Преподаватель:			

1. Реализация топологии в Cisco Packet Tracer



2. Рабочие конфигурации

Switch0

Switch2

Switch4

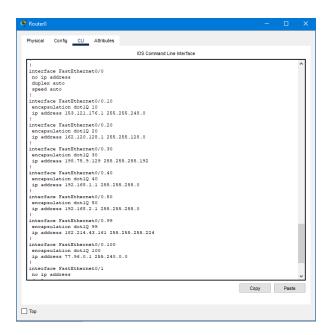
```
Physical Config CLI Attributes
                                                                  IOS Command Line Interface
     switchport trunk allowed vlan 10,20,30,40,50,100 switchport mode trunk duplex full speed 100
      channel-group 1 mode on
     !
interface FastEthernet0/3
switchport trunk native vlan 99
switchport trunk allowed vlan 10,20,30,40,50,100
switchport mode trunk
duplex full
speed 100
channel-group 1 mode on
     interface FastEthernet0/4
      Interrace Fastbinerneto/4
switchport trunk native vlan 99
switchport trunk allowed vlan 10,20,30,40,50,100
switchport mode trunk
      duplex full
      speed 100
channel-group 2 mode on
     interface FastEthernet0/5
      switchport trunk native vlan 99
switchport trunk allowed vlan 10,20,30,40,50,100
switchport mode trunk
duplex full
      speed 100
      channel-group 2 mode on
     !
interface FastEthernet0/6
switchport trunk native vlan 99
switchport trunk allowed vlan 10,20,30,40,50,100
switchport mode trunk
     .
interface FastEthernet0/7
                                                                                                                                   Copy Paste
□ Тор
```

Switch6

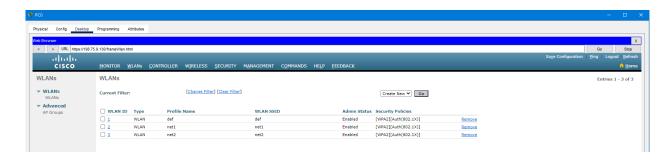
```
Physical Config CLI Attributes
                                                              IOS Command Line Interface
     :
spanning-tree mode pvst
spanning-tree extend system-id
     :
interface FastEthernet0/1
     switchport access vlan 20 switchport mode access
      spanning-tree portfast
spanning-tree bpduguard enable
     :
interface FastEthernet0/2
     switchport access vlan 10 switchport mode access
     spanning-tree portfast
spanning-tree bpduguard enable
     :
interface FastEthernet0/3
     switchport access vlan 10
switchport mode access
spanning-tree portfast
spanning-tree bpduguard enable
     :
interface FastEthernet0/4
switchport trunk native vlan 99
switchport trunk allowed vlan 10,20,30,40,50,100
switchport mode trunk
     interface FastEthernet0/5
     :
interface FastEthernet0/6
     :
interface FastEthernet0/7
                                                                                                                      Copy Paste
Пор
```

```
Switch8
   Physical Config CLI Attributes
                                                         IOS Command Line Interface
    spanning-tree mode pvst
    interface FastEthernet0/1
switchport trunk native vlan 99
switchport trunk allowed vlan 10,20,30,40,50,100
switchport mode trunk
    interface FastEthernet0/2
     switchport trunk native vlan 99
switchport trunk allowed vlan 10,20,30,40,50,100
switchport mode trunk
    :
interface FastEthernet0/3
switchport trunk native vlan 99
switchport trunk allowed vlan 10,20,30,40,50,100
switchport mode trunk
    interface FastEthernet0/4
     switchport access vlan 30 switchport mode access
    interface FastEthernet0/5
    interface FastEthernet0/6
    interface FastEthernet0/7
    interface FastEthernet0/8
    interface FastEthernet0/9
                                                                                                             Copy Paste
□ Тор
```

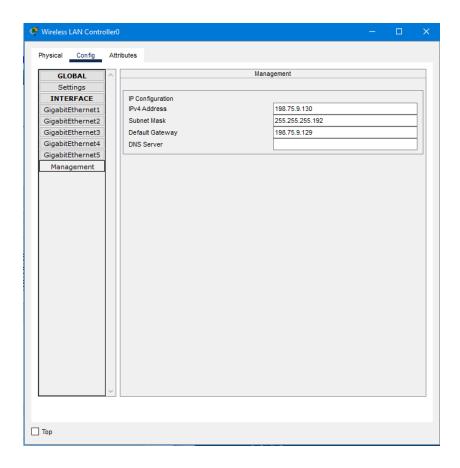
Router0



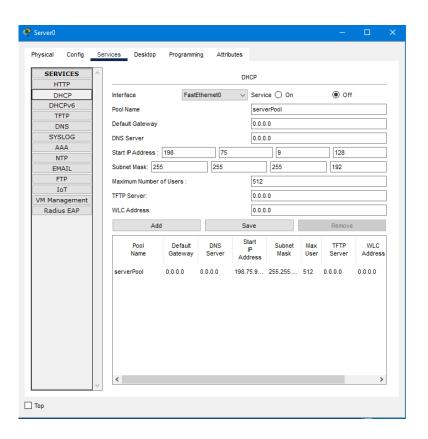
WLC

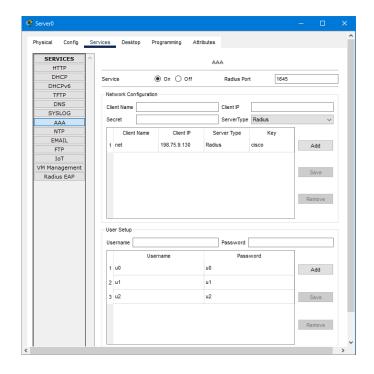




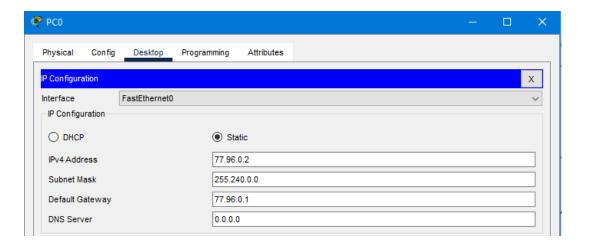


Server0

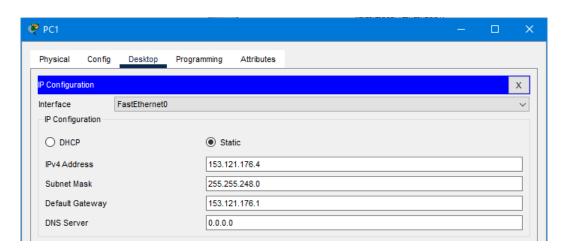




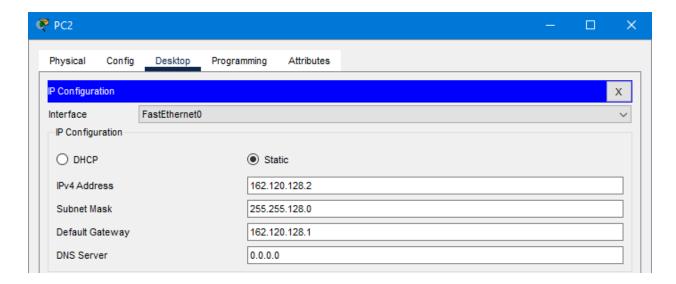
PC0 (Admin)



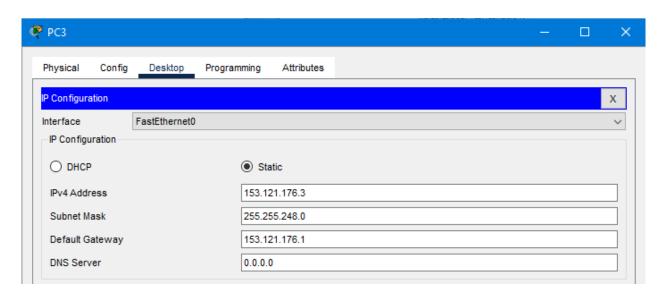
PC1



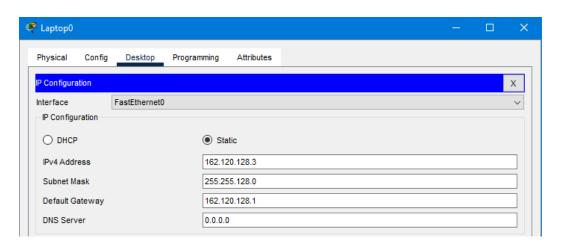
PC2



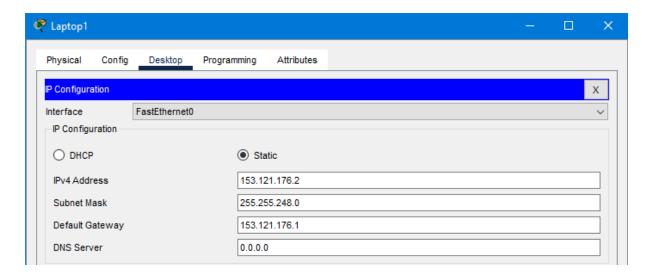
PC3



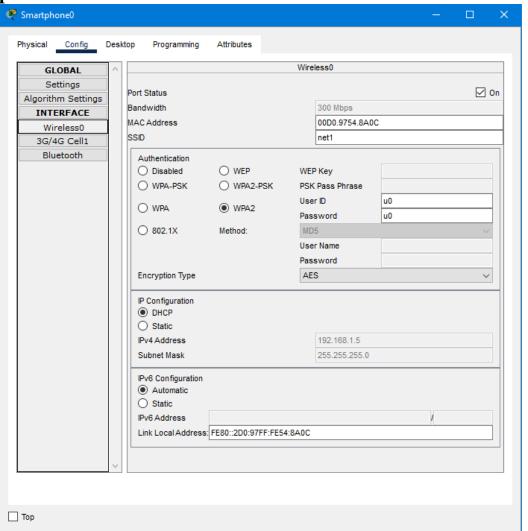
Laptop0



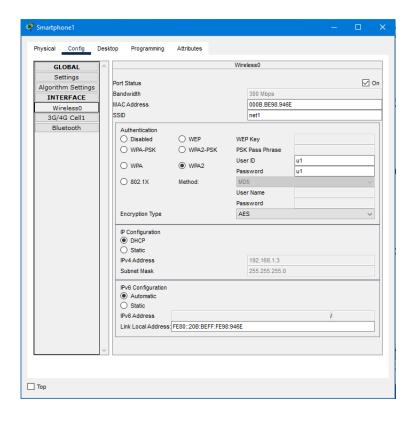
Laptop1



Smartphone0



Smartphone1



Smartphone2

