**Ôn thi cuối kỳ thiết kế mạng Đề 1**

**configure terminal**

**line vty 0 15**

**password ctk44mmt**

**login**

**exit**

**enable password ctk44mmt**

**end**

**write memory**

**DS1**

en

conf t

vlan 101

Name KeToan

vlan 102

Name NhanSu

exit

vlan 999

Name Management

exit

int VLAN101

ip add 10.0.101.1 255.255.255.0

exit

int VLAN102

ip add 10.0.102.1 255.255.255.0

exit

int VLAN999

ip add 10.99.9.1 255.255.255.0

exit

vtp domain ITDLU

vtp password mangmaytinh

vtp mode server

int Gi1/1/1

no switchport

ip add 10.0.1.2 255.255.255.252

no shut

int Gi1/1/2

no switchport

ip add 10.0.1.9 255.255.255.252

no shut

router eigrp 100

net 10.0.1.9 0.0.0.3

net 10.0.1.2 0.0.0.3

exit

ip dhcp excluded-address 10.0.102.0 10.0.102.1

ip dhcp pool NhanSu

network 10.0.102.1 255.255.255.0

default-router 10.0.102.0

dns-server 10.0.10.10

exit

ip dhcp excluded-address 10.0.101.0 10.0.101.1

ip dhcp pool KeToan

network 10.0.101.1 255.255.255.0

default-router 10.0.101.0

dns-server 10.0.10.10

enable

configure terminal

hostname DS1

line vty 0 15

password ctk44mmt

login

exit

enable password ctk44mmt

end

write memory

spanning-tree vlan 101 root primary

spanning-tree vlan 102 root primary

spanning-tree vlan 999 root primary

end

write memory

**DS2**

En

Conf t

Vlan 103

Name Dev

exit

Vlan 104

Name Wifi

exit

Vlan 999

Name Management

exit

int VLAN103

ip add 10.0.103.1 255.255.255.0

exit

int VLAN104

ip add 10.0.104.1 255.255.255.0

exit

int VLAN999

ip add 10.99.9.2 255.255.255.0

exit

En

Conf t

Vtp domain ITDLU

Vtp password mangmaytinh

Vtp mode client

en

conf t

int Gi1/1/1

no switchport

ip add 10.0.1.6 255.255.255.252

no shut

int Gi1/1/2

no switchport

ip add 10.0.1.10 255.255.255.252

no shut

exit

router eigrp 100

net 10.0.1.6 0.0.0.3

net 10.0.1.10 0.0.0.3

ip dhcp excluded-address 10.0.103.0 10.0.103.1

ip dhcp pool Dev

network 10.0.103.1 255.255.255.0

default-router 10.0.103.0

dns-server 10.0.10.10

exit

ip dhcp excluded-address 10.0.104.0 10.0.104.1

ip dhcp pool WIFI

network 10.0.104.1 255.255.255.0

default-router 10.0.104.0

dns-server 10.0.10.10

enable

configure terminal

hostname DS2

line vty 0 15

password ctk44mmt

login

exit

enable password ctk44mmt

end

write memory

spanning-tree vlan 103 root primary

spanning-tree vlan 104 root primary

end

write memory

**SW-A1**

en

conf t

Vlan 101

Name KeToan

exit

Vlan 102

Name NhanSu

Exit

Vlan 103

Name Dev

exit

Vlan 104

Name Wifi

exit

Vlan 999

Name Management

Exit

int VLAN999

ip add 10.99.9.11 255.255.255.0

exit

Vtp domain ITDLU

Vtp password mangmaytinh

Vtp mode client

interface range GigabitEthernet0/1 - 2

switchport mode trunk

interface range FastEthernet0/1 - 24

spanning-tree portfast

interface range FastEthernet0/1 - 10

switchport mode access

switchport access vlan 101

interface range FastEthernet0/11 - 20

switchport mode access

switchport access vlan 102

interface range FastEthernet0/21 - 24

switchport mode access

switchport access vlan 104

hostname SW-A1

line vty 0 15

password ctk44mmt

login

exit

enable password ctk44mmt

end

write memory

spanning-tree vlan 101 priority 4096

spanning-tree vlan 102 priority 4096

spanning-tree vlan 103 priority 4096

spanning-tree vlan 104 priority 4096

spanning-tree vlan 999 priority 4096

end

write memory

**SW-A2**

en

conf t

Vlan 101

Name KeToan

exit

Vlan 102

Name NhanSu

Exit

Vlan 103

Name Dev

exit

Vlan 104

Name Wifi

exit

Vlan 999

Name Management

Exit

int VLAN999

ip add 10.99.9.12 255.255.255.0

exit

Vtp domain ITDLU

Vtp password mangmaytinh

Vtp mode client

interface range GigabitEthernet0/1 - 2

switchport mode trunk

interface range FastEthernet0/1 - 24

spanning-tree portfast

interface range FastEthernet0/1 - 10

switchport mode access

switchport access vlan 101

interface range FastEthernet0/11 - 20

switchport mode access

switchport access vlan 102

interface range FastEthernet0/21 - 24

switchport mode access

switchport access vlan 104

hostname SW-A2

line vty 0 15

password ctk44mmt

login

exit

enable password ctk44mmt

end

write memory

spanning-tree vlan 101 priority 4096

spanning-tree vlan 102 priority 4096

spanning-tree vlan 103 priority 4096

spanning-tree vlan 104 priority 4096

spanning-tree vlan 999 priority 4096

end

write memory

**SW-A3**

en

conf t

Vlan 101

Name KeToan

exit

Vlan 102

Name NhanSu

Exit

Vlan 103

Name Dev

exit

Vlan 104

Name Wifi

exit

Vlan 999

Name Management

Exit

int VLAN999

ip add 10.99.9.13 255.255.255.0

exit

Vtp domain ITDLU

Vtp password mangmaytinh

Vtp mode client

exit

interface range FastEthernet0/1 - 24

spanning-tree portfast

interface range FastEthernet0/1 - 20

switchport mode access

switchport access vlan 103

interface range FastEthernet0/21 - 24

switchport mode access

switchport access vlan 104

hostname SW-A3

line vty 0 15

password ctk44mmt

login

exit

enable password ctk44mmt

end

write memory

spanning-tree vlan 101 priority 4096

spanning-tree vlan 102 priority 4096

spanning-tree vlan 103 priority 4096

spanning-tree vlan 104 priority 4096

spanning-tree vlan 999 priority 4096

end

write memory

**SW-A4**

en

conf t

Vlan 101

Name KeToan

exit

Vlan 102

Name NhanSu

Exit

Vlan 103

Name Dev

exit

Vlan 104

Name Wifi

exit

Vlan 999

Name Management

Exit

int VLAN999

ip add 10.99.9.14 255.255.255.0

exit

Vtp domain ITDLU

Vtp password mangmaytinh

Vtp mode client

interface range FastEthernet0/1 - 24

spanning-tree portfast

interface range FastEthernet0/1 - 20

switchport mode access

switchport access vlan 103

interface range FastEthernet0/21 - 24

switchport mode access

switchport access vlan 104

hostname SW-A4

line vty 0 15

password ctk44mmt

login

exit

enable password ctk44mmt

end

write memory

spanning-tree vlan 101 priority 4096

spanning-tree vlan 102 priority 4096

spanning-tree vlan 103 priority 4096

spanning-tree vlan 104 priority 4096

spanning-tree vlan 999 priority 4096

end

write memory