**Configirations: part 3**

Switch Main-S1: (switch, pc)

Main-S1(config)#vlan 11

Main-S1(config-vlan)#name v11

Main-S1(config-vlan)#exit

Main-S1(config)#vlan 22

Main-S1(config-vlan)#name v22

Main-S1(config-vlan)#exit

Main-S1(config)#exit

Main-S1#

%SYS-5-CONFIG\_I: Configured from console by console

Main-S1#show vlan brief

VLAN Name Status Ports

---- -------------------------------- --------- -------------------------------

1 default active Fa0/1, Fa0/2, Fa0/3, Fa0/4

Fa0/5, Fa0/6, Fa0/7, Fa0/8

Fa0/9, Fa0/10, Fa0/11, Fa0/12

Fa0/13, Fa0/14, Fa0/15, Fa0/16

Fa0/17, Fa0/18, Fa0/19, Fa0/20

Fa0/21, Fa0/22, Fa0/23, Fa0/24

Gig0/1, Gig0/2

11 v11 active

22 v22 active

1002 fddi-default active

1003 token-ring-default active

1004 fddinet-default active

1005 trnet-default active

Main-S1# enable

Main-S1#config t

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

Main-S1(config)#interface fastEthernet 0/10

Main-S1(config-if)#switchport mode access

Main-S1(config-if)#switchport access vlan 11

Main-S1(config-if)#exit

Main-S1(config)#exit

Main-S1#

%SYS-5-CONFIG\_I: Configured from console by console

Main-S1#show vlan breif

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% Invalid input detected at '^' marker.

Main-S1#show vlan brief

VLAN Name Status Ports

---- -------------------------------- --------- -------------------------------

1 default active Fa0/1, Fa0/2, Fa0/3, Fa0/4

Fa0/5, Fa0/6, Fa0/7, Fa0/8

Fa0/9, Fa0/11, Fa0/12, Fa0/13

Fa0/14, Fa0/15, Fa0/16, Fa0/17

Fa0/18, Fa0/19, Fa0/20, Fa0/21

Fa0/22, Fa0/23, Fa0/24, Gig0/1

Gig0/2

11 v11 active Fa0/10

22 v22 active

1002 fddi-default active

1003 token-ring-default active

1004 fddinet-default active

1005 trnet-default active

Main-S1#config t

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

Main-S1(config)#

(switch , switch):

Main-S1#config t

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

Main-S1(config)#interface range fastEthernet 0/5-6 , f0/1-2

Main-S1(config-if-range)#switchport mode trunk

Main-S1(config-if-range)#

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/5, changed state to down

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/5, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/6, changed state to down

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/6, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/1, changed state to down

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/1, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/2, changed state to down

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/2, changed state to up

Main-S2: (switch , pc)

Main-S2(config)#vlan 11

Main-S2(config-vlan)#name v11

Main-S2(config-vlan)#exit

Main-S2(config)#vlan 22

Main-S2(config-vlan)#name v22

Main-S2(config-vlan)#exit

Main-S2(config)#exit

Main-S2#

%SYS-5-CONFIG\_I: Configured from console by console

Main-S2#show vlan brief

VLAN Name Status Ports

---- -------------------------------- --------- -------------------------------

1 default active Fa0/1, Fa0/2, Fa0/3, Fa0/4

Fa0/5, Fa0/6, Fa0/7, Fa0/8

Fa0/9, Fa0/10, Fa0/11, Fa0/12

Fa0/13, Fa0/14, Fa0/15, Fa0/16

Fa0/17, Fa0/18, Fa0/19, Fa0/20

Fa0/21, Fa0/22, Fa0/23, Fa0/24

Gig0/1, Gig0/2

11 v11 active

22 v22 active

1002 fddi-default active

1003 token-ring-default active

1004 fddinet-default active

1005 trnet-default active

Main-S2#config t

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

Main-S2(config)#interface fastEthernet 0/10

Main-S2(config-if)#switchport mode access

Main-S2(config-if)#switchport access vlan 22

Main-S2(config-if)#exit

Main-S2(config)#interface fastEthernet 0/1

Main-S2(config-if)#switchport mode access

Main-S2(config-if)#switchport access vlan 11

Main-S2(config-if)#exit

Main-S2(config)#exit

Main-S2#

%SYS-5-CONFIG\_I: Configured from console by console

Main-S2#show vlan brief

VLAN Name Status Ports

---- -------------------------------- --------- -------------------------------

1 default active Fa0/2, Fa0/3, Fa0/4, Fa0/5

Fa0/6, Fa0/7, Fa0/8, Fa0/9

Fa0/11, Fa0/12, Fa0/13, Fa0/14

Fa0/15, Fa0/16, Fa0/17, Fa0/18

Fa0/19, Fa0/20, Fa0/21, Fa0/22

Fa0/23, Fa0/24, Gig0/1, Gig0/2

11 v11 active Fa0/1

22 v22 active Fa0/10

1002 fddi-default active

1003 token-ring-default active

1004 fddinet-default active

1005 trnet-default active

(switch, switch) (Trunk):

Main-S2#config t

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

Main-S2(config)#interface range fastEthernet 0/3-4 , f 0/5-6

Main-S2(config-if-range)#switchport mode trunk

Main-S2(config-if-range)#

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/3, changed state to down

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/3, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/4, changed state to down

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/4, changed state to up

Main-S2(config-if-range)#exit

Main-S2(config)#exit

Main-S2#

%SYS-5-CONFIG\_I: Configured from console by console

Main-MLs:

Main-MLS#config t

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

Main-MLS(config)#vlan 11

Main-MLS(config-vlan)#name v11

Main-MLS(config-vlan)#exit

Main-MLS(config)#vlan 22

Main-MLS(config-vlan)#name v22

Main-MLS(config-vlan)#exit

Main-MLS(config)#interface vlan 11

Main-MLS(config-if)#

%LINK-5-CHANGED: Interface Vlan11, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface Vlan11, changed state to up

Main-MLS(config-if)#ip address 172.16.1.33 255.255.255.252

Main-MLS(config-if)#no shutdown

Main-MLS(config-if)#exit

Main-MLS(config)#interfave vlan 22

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% Invalid input detected at '^' marker.

Main-MLS(config)#interface vlan 22

Main-MLS(config-if)#

%LINK-5-CHANGED: Interface Vlan22, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface Vlan22, changed state to up

Main-MLS(config-if)#ip address 172.16.0.225 255.255.255.252

Main-MLS(config-if)#no shutdown

Main-MLS(config-if)#exit

Main-MLS(config)#interface range f0/1-4

Main-MLS(config-if-range)#switchport mode trunk

Command rejected: An interface whose trunk encapsulation is "Auto" can not be configured to "trunk" mode.

Command rejected: An interface whose trunk encapsulation is "Auto" can not be configured to "trunk" mode.

Command rejected: An interface whose trunk encapsulation is "Auto" can not be configured to "trunk" mode.

Command rejected: An interface whose trunk encapsulation is "Auto" can not be configured to "trunk" mode.

Main-MLS(config-if-range)#switchport trunk

% Incomplete command.

Main-MLS(config-if-range)#switchport trunk encapsulation dot1q

Main-MLS(config-if-range)#switchport mode trunk

Main-MLS(config-if-range)#

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/1, changed state to down

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/1, changed state to up

Main-MLS(config-if-range)#ip routing

Main-MLS(config)#no shutdown

^

% Invalid input detected at '^' marker.

Main-MLS(config)#exit

Main-MLS#

%SYS-5-CONFIG\_I: Configured from console by console

Main-MLS#