

DistanceU

Command List 0.0

First Packet Tracer lab!

Commands I used for this little project. (VLANs, Switches, PCs)

Switch0

```
Switch>en
```

```
Switch#conf t
```

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

```
Switch(config)#vlan 10
```

```
Switch(config-vlan)#name V10
```

```
Switch(config-vlan)#ex
```

```
Switch(config)#vlan 11
```

```
Switch(config-vlan)#name V11
```

```
Switch(config-vlan)#ex
```

```
Switch(config)#vlan 12
```

```
Switch(config-vlan)#name V12
```

```
Switch(config-vlan)#ex
```

```
Switch(config)#ex
```

```
Switch#
```

```
%SYS-5-CONFIG_I: Configured from console by console
```

```
show vlan
```

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

10 V10 active

11 V11 active
12 V12 active
1002 fddi-default active
1003 token-ring-default active
1004 fddinet-default active
1005 trnet-default active

VLAN Type SAID MTU Parent RingNo BridgeNo Stp BrdgMode Trans1 Trans2

1 enet 100001 1500 - - - - 0 0
10 enet 100010 1500 - - - - 0 0
11 enet 100011 1500 - - - - 0 0
12 enet 100012 1500 - - - - 0 0
1002 fddi 101002 1500 - - - - 0 0
1003 tr 101003 1500 - - - - 0 0
1004 fdnet 101004 1500 - - - ieee - 0 0
1005 trnet 101005 1500 - - - ibm - 0 0

Switch#

Switch#conf t

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

Switch(config)#int fa 0/1

Switch(config-if)#switchport access vlan 10

Switch(config-if)#ex

Switch(config)#int fa 0/6

Switch(config-if)#sw a vlan 10

Switch(config-if)#ex

Switch(config)#int fa 0/2

Switch(config-if)#sw a vlan 11

Switch(config-if)#ex

Switch(config)#int fa 0/5

Switch(config-if)#sw a vlan 12

Switch(config-if)#ex

Switch(config)#int fa 0/7

Switch(config-if)#sw mode trunk

Switch(config-if)#

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/7, changed state to down

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/7, changed state to up

Switch(config-if)#sw nonegotiate

Switch(config-if)#ex

Switch(config)#int fa 0/8

Switch(config-if)#sw m t

Switch(config-if)#

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/8, changed state to down

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/8, changed state to up

Switch(config-if)#sw non

Switch(config-if)#ex

Switch(config)#ex

Switch#

%SYS-5-CONFIG_I: Configured from console by console

Switch#conf t

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

Switch(config)#int fa 0/5

Switch(config-if)#sw m a

Switch(config-if)#sw a vlan 11

Switch(config-if)#ex

Switch(config)#int fa 0/3

Switch(config-if)#sw a vlan 12

Switch(config-if)#ex

Switch(config)#int fa 0/4

Switch(config-if)#sw a vlan 12

Switch(config-if)#ex

Switch(config)#ex

Switch#

%SYS-5-CONFIG_I: Configured from console by console

Switch#show vlan

VLAN Name Status Ports

1 default active 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
10 V10 active Fa0/1, Fa0/6
11 V11 active Fa0/2, Fa0/5
12 V12 active Fa0/3, Fa0/4
1002 fddi-default active
1003 token-ring-default active
1004 fddinet-default active
1005 trnet-default active

VLAN Type SAID MTU Parent RingNo BridgeNo Stp BrdgMode Trans1 Trans2

1 enet 100001 1500 - - - - 0 0
10 enet 100010 1500 - - - - 0 0
11 enet 100011 1500 - - - - 0 0
12 enet 100012 1500 - - - - 0 0
1002 fddi 101002 1500 - - - - 0 0
1003 tr 101003 1500 - - - - 0 0
1004 fdnet 101004 1500 - - - ieee - 0 0
1005 trnet 101005 1500 - - - ibm - 0 0

VLAN Type SAID MTU Parent RingNo BridgeNo Stp BrdgMode Trans1 Trans2

Remote SPAN VLANs

Primary Secondary Type Ports

Switch#

Switch1

Switch(config-if)#int fa 0/3

Switch(config-if)#sw a vlan 12

Switch(config-if)#int fa 0/4

Switch(config-if)#sw a vlan 12

Switch(config-if)#ex

Switch(config)#int fa 0/7

Switch(config-if)#sw m t

Switch(config-if)#

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/7, changed state to down

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/7, changed state to up

Switch(config-if)#sw non

Switch(config-if)#ex

Switch(config)#ex

Switch#

%SYS-5-CONFIG_I: Configured from console by console

Switch#en

Switch#conf t

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

Switch(config)#int fa 0/8

Switch(config-if)#sw m t

Switch(config-if)#

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/8, changed state to down

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/8, changed state to up

```
Switch(config-if)#sw non
Switch(config-if)#ex
Switch(config)#ex
Switch#
%SYS-5-CONFIG_I: Configured from console by console
```

```
Switch#show vlan
```

```
VLAN Name Status Ports
```

```
-----
1 default active 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
10 V10 active Fa0/1, Fa0/6
11 V11 active Fa0/2, Fa0/5
12 V12 active Fa0/3, Fa0/4
1002 fddi-default active
1003 token-ring-default active
1004 fddinet-default active
1005 trnet-default active
```

```
VLAN Type SAID MTU Parent RingNo BridgeNo Stp BrdgMode Trans1 Trans2
```

```
-----
1 enet 100001 1500 - - - - 0 0
10 enet 100010 1500 - - - - 0 0
11 enet 100011 1500 - - - - 0 0
12 enet 100012 1500 - - - - 0 0
1002 fddi 101002 1500 - - - - 0 0
1003 tr 101003 1500 - - - - 0 0
1004 fdnet 101004 1500 - - - ieee - 0 0
1005 trnet 101005 1500 - - - ibm - 0 0
```

```
VLAN Type SAID MTU Parent RingNo BridgeNo Stp BrdgMode Trans1 Trans2
```

```
-----
Remote SPAN VLANs
```

Primary Secondary Type Ports

Switch#

Switch#en

Switch#conf t

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

Switch(config)#vlan 10

Switch(config-vlan)#name V10

Switch(config-vlan)#ex

Switch(config)#vlan 11

Switch(config-vlan)#name V11

Switch(config-vlan)#ex

Switch(config)#vlan 12

Switch(config-vlan)#name V12

Switch(config-vlan)#ex

Switch(config)#int fa 0/1

Switch(config-if)#sw m a

Switch(config-if)#sw a vlan 10

Switch(config-if)#int fa 0/6

Switch(config-if)#sw a vlan 10

Switch(config-if)#int fa 0/2

Switch(config-if)#sw a vlan 11

Switch(config-if)#int fa 0/5

Switch(config-if)#sw a vlan 11

Switch(config-if)#int fa 0/3

Switch(config-if)#sw a vlan 12

Switch(config-if)#int fa 0

^

% Invalid input detected at '^' marker.

Switch(config-if)#int fa 0/4

Switch(config-if)#sw a vlan 12

Switch(config-if)#int fa 0/7

Switch(config-if)#sw m t

Switch(config-if)#sw m t

Switch(config-if)#sw non

```

Switch(config-if)#ex
Switch(config)#int fa 0/8
Switch(config-if)#sw m t
Switch(config-if)#sw non
Switch(config-if)#ex
Switch(config)#ex
Switch#
%SYS-5-CONFIG_I: Configured from console by console

```

```
Switch#show vlan
```

```
VLAN Name Status Ports
```

```

-----
1 default active 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
10 V10 active Fa0/1, Fa0/6
11 V11 active Fa0/2, Fa0/5
12 V12 active Fa0/3, Fa0/4
1002 fddi-default active
1003 token-ring-default active
1004 fddinet-default active
1005 trnet-default active

```

```
VLAN Type SAID MTU Parent RingNo BridgeNo Stp BrdgMode Trans1 Trans2
```

```

-----
1 enet 100001 1500 ----- 0 0
10 enet 100010 1500 ----- 0 0
11 enet 100011 1500 ----- 0 0
12 enet 100012 1500 ----- 0 0
1002 fddi 101002 1500 ----- 0 0
1003 tr 101003 1500 ----- 0 0
1004 fdnet 101004 1500 --- ieee - 0 0
1005 trnet 101005 1500 --- ibm - 0 0

```

```
VLAN Type SAID MTU Parent RingNo BridgeNo Stp BrdgMode Trans1 Trans2
```

Remote SPAN VLANs

Primary Secondary Type Ports

Switch#en

Switch#conf t

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

Switch(config)#int fa 0/4

Switch(config-if)#sw a vlan 12

Switch(config-if)#int fa 0/7

Switch(config-if)#sw m t

Switch(config-if)#sw a vlan 10

Switch(config-if)#sw m t