SWITCH 5

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, Gig0/1

Gig0/2

10 VLAN0010 active

20 20 active

30 30 active Fa0/24

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

20 enet 100020 1500 - - - - - 0 0

30 enet 100030 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#conf t

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

Switch(config)#vlan 10

Switch(config-vlan)#name 10

Switch(config-vlan)#

Switch(config-vlan)#ex

Switch(config)#

Switch(config)#ex

Switch#

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

Switch#sh 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, Gig0/1

Gig0/2

10 10 active

20 20 active

30 30 active Fa0/24

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

20 enet 100020 1500 - - - - - 0 0

30 enet 100030 1500 - - - - - 0 0

--More--

%CDP-4-NATIVE\_VLAN\_MISMATCH: Native VLAN mismatch discovered on FastEthernet0/24 (30), with Switch GigabitEthernet1/0/1 (1).

%CDP-4-NATIVE\_VLAN\_MISMATCH: Native VLAN mismatch discovered on FastEthernet0/24 (30), with Switch GigabitEthernet1/0/1 (1).

%CDP-4-NATIVE\_VLAN\_MISMATCH: Native VLAN mismatch discovered on FastEthernet0/24 (30), with Switch GigabitEthernet1/0/1 (10).

%CDP-4-NATIVE\_VLAN\_MISMATCH: Native VLAN mismatch discovered on FastEthernet0/24 (30), with Switch GigabitEthernet1/0/1 (10).

Switch con0 is now available

Press RETURN to get started.

%CDP-4-NATIVE\_VLAN\_MISMATCH: Native VLAN mismatch discovered on FastEthernet0/24 (30), with Switch GigabitEthernet1/0/1 (1).

%SPANTREE-2-RECV\_PVID\_ERR: Received 802.1Q BPDU on non trunk FastEthernet0/24 VLAN1.

%SPANTREE-2-BLOCK\_PVID\_LOCAL: Blocking FastEthernet0/24 on VLAN0001. Inconsistent port type.

%CDP-4-NATIVE\_VLAN\_MISMATCH: Native VLAN mismatch discovered on FastEthernet0/24 (30), with Switch GigabitEthernet1/0/1 (1).

%CDP-4-NATIVE\_VLAN\_MISMATCH: Native VLAN mismatch discovered on FastEthernet0/24 (30), with Switch GigabitEthernet1/0/1 (1).

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/24, changed state to down

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/24, changed state to up

Switch>enable

Switch#

Switch#configure terminal

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

Switch(config)#interface FastEthernet0/1

Switch(config-if)#

Switch(config-if)#exit

Switch(config)#interface FastEthernet0/1

Switch(config-if)#

Switch(config-if)#

Switch(config-if)#switchport access vlan 20

Switch(config-if)#

Switch(config-if)#

Switch(config-if)#switchport access vlan 10

Switch(config-if)#

Switch(config-if)#

Switch(config-if)#switchport access vlan 30

Switch(config-if)#

Switch(config-if)#switchport mode trunk

Switch(config-if)#

%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

Switch(config-if)#exit

Switch(config)#interface FastEthernet0/2

Switch(config-if)#

Switch(config-if)#switchport mode trunk

Switch(config-if)#

%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

Switch(config-if)#exit

Switch(config)#interface FastEthernet0/1

Switch(config-if)#

Switch(config-if)#exit

Switch(config)#interface FastEthernet0/1

Switch(config-if)#

Switch(config-if)#switchport mode access

Switch(config-if)#

Switch(config-if)#exit

Switch(config)#interface FastEthernet0/2

Switch(config-if)#

Switch(config-if)#switchport mode access

Switch(config-if)#

Switch(config-if)#

Switch(config-if)#switchport access vlan 30

Switch(config-if)#

SWITCH 6

Motherboard revision number : B0

Model number : WS-C2960-24TT-L

System serial number : FOC1010X104

Top Assembly Part Number : 800-27221-02

Top Assembly Revision Number : A0

Version ID : V02

CLEI Code Number : COM3L00BRA

Hardware Board Revision Number : 0x01

Switch Ports Model SW Version SW Image

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\* 1 26 WS-C2960-24TT-L 15.0(2)SE4 C2960-LANBASEK9-M

Cisco IOS Software, C2960 Software (C2960-LANBASEK9-M), Version 15.0(2)SE4, RELEASE SOFTWARE (fc1)

Technical Support: http://www.cisco.com/techsupport

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Compiled Wed 26-Jun-13 02:49 by mnguyen

Press RETURN to get started!

%LINK-5-CHANGED: Interface GigabitEthernet0/1, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/1, changed state to up

%LINK-3-UPDOWN: Interface GigabitEthernet0/1, changed state to down

%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/1, changed state to down

%LINK-5-CHANGED: Interface FastEthernet0/24, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/24, changed state to up

%LINK-5-CHANGED: Interface FastEthernet0/2, changed state to up

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

%LINK-5-CHANGED: Interface FastEthernet0/1, changed state to up

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

Switch>en

Switch#conf t

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

Switch(config)#vlan 10

Switch(config-vlan)#name 10

Switch(config-vlan)#int fa0/24

Switch(config-if)#switchport access vlan 10

Switch(config-if)#vlan 20

Switch(config-vlan)#name 20

Switch(config-vlan)#vlan 30

Switch(config-vlan)#name 30

Switch(config-vlan)#ex

Switch(config)#ex

Switch#

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

Switch#sh 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, Gig0/1

Gig0/2

10 10 active Fa0/24

20 20 active

30 30 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

--More--

%CDP-4-NATIVE\_VLAN\_MISMATCH: Native VLAN mismatch discovered on FastEthernet0/24 (10), with Switch GigabitEthernet1/0/2 (1).

%CDP-4-NATIVE\_VLAN\_MISMATCH: Native VLAN mismatch discovered on FastEthernet0/24 (10), with Switch GigabitEthernet1/0/2 (1).

%CDP-4-NATIVE\_VLAN\_MISMATCH: Native VLAN mismatch discovered on FastEthernet0/24 (10), with Switch GigabitEthernet1/0/2 (1).

%CDP-4-NATIVE\_VLAN\_MISMATCH: Native VLAN mismatch discovered on FastEthernet0/24 (10), with Switch GigabitEthernet1/0/2 (20).

Switch con0 is now available

Press RETURN to get started.

%CDP-4-NATIVE\_VLAN\_MISMATCH: Native VLAN mismatch discovered on FastEthernet0/24 (10), with Switch GigabitEthernet1/0/2 (1).

%SPANTREE-2-RECV\_PVID\_ERR: Received 802.1Q BPDU on non trunk FastEthernet0/24 VLAN1.

%SPANTREE-2-BLOCK\_PVID\_LOCAL: Blocking FastEthernet0/24 on VLAN0001. Inconsistent port type.

%CDP-4-NATIVE\_VLAN\_MISMATCH: Native VLAN mismatch discovered on FastEthernet0/24 (10), with Switch GigabitEthernet1/0/2 (1).

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/24, changed state to down

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/24, changed state to up

Switch>enable

Switch#

Switch#configure terminal

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

Switch(config)#interface FastEthernet0/1

Switch(config-if)#

Switch(config-if)#switchport mode trunk

Switch(config-if)#

%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

Switch(config-if)#exit

Switch(config)#interface FastEthernet0/2

Switch(config-if)#

Switch(config-if)#switchport mode trunk

Switch(config-if)#

%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

Switch(config-if)#exit

Switch(config)#interface FastEthernet0/1

Switch(config-if)#

Switch(config-if)#switchport mode access

Switch(config-if)#

Switch(config-if)#

Switch(config-if)#switchport access vlan 10

Switch(config-if)#

Switch(config-if)#exit

Switch(config)#interface FastEthernet0/2

Switch(config-if)#

Switch(config-if)#switchport mode access

Switch(config-if)#

Switch(config-if)#

Switch(config-if)#switchport access vlan 20

Switch(config-if)#

SWITCH 7

Switch(config-vlan)#vlan 30

Switch(config-vlan)#name 30

Switch(config-vlan)#ex

Switch(config)#ex

Switch#

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

Switch#sh 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, Gig0/1

Gig0/2

10 10 active

20 20 active Fa0/24

30 30 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

20 enet 100020 1500 - - - - - 0 0

30 enet 100030 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#

%CDP-4-NATIVE\_VLAN\_MISMATCH: Native VLAN mismatch discovered on FastEthernet0/24 (20), with Switch GigabitEthernet1/0/3 (1).

%CDP-4-NATIVE\_VLAN\_MISMATCH: Native VLAN mismatch discovered on FastEthernet0/24 (20), with Switch GigabitEthernet1/0/3 (1).

%CDP-4-NATIVE\_VLAN\_MISMATCH: Native VLAN mismatch discovered on FastEthernet0/24 (20), with Switch GigabitEthernet1/0/3 (1).

%CDP-4-NATIVE\_VLAN\_MISMATCH: Native VLAN mismatch discovered on FastEthernet0/24 (20), with Switch GigabitEthernet1/0/3 (30).

Switch con0 is now available

Press RETURN to get started.

%CDP-4-NATIVE\_VLAN\_MISMATCH: Native VLAN mismatch discovered on FastEthernet0/24 (20), with Switch GigabitEthernet1/0/3 (1).

%SPANTREE-2-RECV\_PVID\_ERR: Received 802.1Q BPDU on non trunk FastEthernet0/24 VLAN1.

%SPANTREE-2-BLOCK\_PVID\_LOCAL: Blocking FastEthernet0/24 on VLAN0001. Inconsistent port type.

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/24, changed state to down

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/24, changed state to up

Switch>enable

Switch#

Switch#configure terminal

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

Switch(config)#interface FastEthernet0/1

Switch(config-if)#

Switch(config-if)#switchport mode trunk

Switch(config-if)#

%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

Switch(config-if)#exit

Switch(config)#interface FastEthernet0/2

Switch(config-if)#

Switch(config-if)#switchport mode trunk

Switch(config-if)#

%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

Switch(config-if)#exit

Switch(config)#interface FastEthernet0/1

Switch(config-if)#

Switch(config-if)#switchport mode access

Switch(config-if)#

Switch(config-if)#

Switch(config-if)#switchport access vlan 20

Switch(config-if)#

Switch(config-if)#exit

Switch(config)#interface FastEthernet0/2

Switch(config-if)#

Switch(config-if)#switchport mode access

Switch(config-if)#

Switch(config-if)#

Switch(config-if)#switchport access vlan 20

Switch(config-if)#

MLS

Switch(config-vlan)#name 10

Switch(config-vlan)#ex

Switch(config)#int gi1/0/1

Switch(config-if)#switchport access vlan 1

%CDP-4-NATIVE\_VLAN\_MISMATCH: Native VLAN mismatch discovered on GigabitEthernet1/0/1 (1), with Switch FastEthernet0/24 (30).

0

Switch(config-if)#switchport access vlan 10

Switch(config-if)#

%CDP-4-NATIVE\_VLAN\_MISMATCH: Native VLAN mismatch discovered on GigabitEthernet1/0/2 (1), with Switch FastEthernet0/24 (10).

%CDP-4-NATIVE\_VLAN\_MISMATCH: Native VLAN mismatch discovered on GigabitEthernet1/0/3 (1), with Switch FastEthernet0/24 (20).

Switch(config-if)#ex

Switch(config)#vlan 20

Switch(config-vlan)#name 20

Switch(config-vlan)#vlan 30

Switch(config-vlan)#name 30

Switch(config-vlan)#ex

Switch(config)#int gi1/0

%CDP-4-NATIVE\_VLAN\_MISMATCH: Native VLAN mismatch discovered on GigabitEthernet1/0/1 (10), with Switch FastEthernet0/24 (30).

%Invalid interface type and number

Switch(config)#int gi1/0/2

Switch(config-if)#switchport acce

%CDP-4-NATIVE\_VLAN\_MISMATCH: Native VLAN mismatch discovered on GigabitEthernet1/0/2 (1), with Switch FastEthernet0/24 (10).

ss

% Incomplete command.

Switch(config-if)#switchport access vlan 20

Switch(config-if)#

%CDP-4-NATIVE\_VLAN\_MISMATCH: Native VLAN mismatch discovered on GigabitEthernet1/0/3 (1), with Switch FastEthernet0/24 (20).

Switch(config-if)#int gi1/0/3

Switch(config-if)#switchport access vlan 30

Switch(config-if)#int gi1/0

%CDP-4-NATIVE\_VLAN\_MISMATCH: Native VLAN mismatch discovered on GigabitEthernet1/0/1 (10), with Switch FastEthernet0/

Switch(config-if)#int gi1/0/

%CDP-4-NATIVE\_VLAN\_MISMATCH: Native VLAN mismatch discovered on GigabitEthernet1/0/2 (20), with Switch FastEthernet0/24 (10).

1

Switch(config-if)#int gi1/0/1

Switch(config-if)#switchport access vlan 30

Switch(config-if)#

%CDP-4-NATIVE\_VLAN\_MISMATCH: Native VLAN mismatch discovered on GigabitEthernet1/0/3 (30), with Switch FastEthernet0/24 (20).

Switch(config-if)#int gi1/0/2

Switch(config-if)#switchport access vlan 10

Switch(config-if)#int gi1/0/3

Switch(config-if)#switchport access vlan 20

Switch(config-if)#int gi1/0/1

Switch(config-if)#switchport trunk encapsulation dot1q

^

% Invalid input detected at '^' marker.

Swiswitchport switchport accint gi1/0/1int gi1/0/1

Switch(config-if)#sw

Switch(config-if)#

Switch(config-if)#exit

Switch(config)#interface GigabitEthernet1/0/1

Switch(config-if)#

Switch(config-if)#switchport mode trunk

Switch(config-if)#

%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet1/0/1, changed state to down

%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet1/0/1, changed state to up

Switch(config-if)#exit

Switch(config)#interface GigabitEthernet1/0/2

Switch(config-if)#

Switch(config-if)#switchport mode trunk

Switch(config-if)#

%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet1/0/2, changed state to down

%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet1/0/2, changed state to up

Switch(config-if)#exit

Switch(config)#interface GigabitEthernet1/0/3

Switch(config-if)#

Switch(config-if)#switchport mode trunk

Switch(config-if)#

%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet1/0/3, changed state to down

%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet1/0/3, changed state to up

Switch(config-if)#exit

Switch(config)#interface GigabitEthernet1/0/2

Switch(config-if)#

Switch(config-if)#exit

Switch(config)#interface GigabitEthernet1/0/1

Switch(config-if)#

%CDP-4-NATIVE\_VLAN\_MISMATCH: Native VLAN mismatch discovered on GigabitEthernet1/0/3 (1), with Switch FastEthernet0/24 (20).

Switch(config-if)#exit

Switch(config)#interface GigabitEthernet1/0/2

Switch(config-if)#

Switch(config-if)#exit

Switch(config)#interface GigabitEthernet1/0/3

Switch(config-if)#

Switch(config-if)#

Switch(config-if)#exit

Switch(config)#interface GigabitEthernet1/0/1

Switch(config-if)#

Switch(config-if)#

Switch(config-if)#exit

Switch(config)#interface GigabitEthernet1/0/1

Switch(config-if)#

Switch(config-if)#exit

Switch(config)#interface GigabitEthernet1/0/2

Switch(config-if)#

Switch(config-if)#exit

Switch(config)#interface GigabitEthernet1/0/3

Switch(config-if)#

Switch(config-if)#exit

Switch(config)#interface GigabitEthernet1/0/4

Switch(config-if)#

Switch(config-if)#interface GigabitEthernet1/0/1

Switch(config-if)#switchport trunk allow vlan 10-30

Switch(config-if)#interface GigabitEthernet1/0/2

Switch(config-if)#switchport trunk allow vlan 10-30

Switch(config-if)#interface GigabitEthernet1/0/3

Switch(config-if)#switchport trunk allow vlan 10-30

Switch(config-if)#ex

Switch(config)#ex

Switch#

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

Switch#