

Configure VTP

VTP Domain [Domainname]

| Set VTP domain

VTP Mode Server|Client|Transparent

| Set VTP mode

VTP Password [password]

| Set VTP password

Show VTP status

| Verify VTP configurations

Configure Extended VLAN

VTP Mode Transparent

| Set VTP Mode to Transparent

Vlan 2000

| Create an extended VLAN

(Troubleshooting) Test Layer 3 Connectivity

Show run | section interface

| Verify VLAN Configuration

Configure an EtherChannel with Cisco PAGP

Channel-group 1 mode desirable

| Add Port to a channel-group (Etherchannel)

Interface port-channel 1

| Configure the logical interface

Switchport mode trunk

| Create a static trunk

Show etherchannel summary

| Verify that EtherChannel is working

Show spanning-tree

| Show the port channel as one logical link

Configure DTP

Show interfaces trunk

| Verify trunking link

switchport mode trunk

| Configure a static trunk link

Add VLANs and Assign Ports

Vlan [Number]

| Create a Vlan where the VlanID equals the entered number

Name [Name]

| Name the created Vlan

Show vlan brief

| Displays all Vlans

Switchport mode access

| Create a static access link

Switchport access vlan [number]

| Assign the current port to the chosen vlan.

IP Address [IP-Address] [Subnetmask]

| Assign an IP Address to the SVI of VLAN 99

Configure an 802.3ad LACP EtherChannel

channel-group [number] mode active

| Configure a port channel as LACP

Configure a Redundant EtherChannel Link

channel-group [number] mode active

| Use this config for one Switch

channel-group [number] mode passive

| Enter this config on the other Switch



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