

VTP Config

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|--------------------------------------|--|
| vtp domain <domain> | Sets the vtp domain of the switch. |
| vtp mode <server client transparent> | Sets the vtp mode to either server, client or transparent. |
| vtp password <password> | Sets the vtp password of the switch. |

VTP Verification

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|-------------------|---|
| show vtp status | shows current vtp status (with Revision number, vtp mode,...) |
| show vtp password | shows vtp password |

DTP Config

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|---|--|
| switchport mode <trunk access dynamic desirable dynamic auto> | Sets the port mode to either trunk, access,... |
| show dtp interface <interface> | |

Switchport commands

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| show interfaces trunk | Shows all trunk ports, what the native vlan of the port is,... |
| show interfaces <interface> switchport | shows all switchport info of interface. |
| switchport trunk native vlan <number> | sets the native vlan of the selected interface |

VLAN config

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|-----------------------------------|---|
| vlan <number> | creates a vlan |
| name <name> | After vlan created the name can be set |
| show vlan [brief id <vlan-id>] | shows the vlan. brief is a summary. |
| interface vlan <number> | creates a SVI where you can set a IP address |
| encapsulation dot1q <vlan-number> | Router command. Sets encapsulation (used for subinterfaces) |

Ether Channel

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|---|---|
| interface range <range> | selects multiple interfaces. |
| channel-group <number> mode <desirable auto active,passive> | creates the ether channel for the interface range selected. |
| interface port-channel <number> | selects the ether channel to set the switchport mode,... |
| show etherchannel summary | shows ether channel related |

Ether Channel sign

| | |
|----|---|
| -A | A |
| A | B |
| C | D |
| E | F |
| G | H |
| I | J |
| K | L |

DTP Behaviour

| | |
|---|---|
| - | - |
| - | - |
| - | - |
| - | - |
| - | - |
| - | - |

Other Commands

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|---------------|---------------------|
| show ip route | Shows routing table |
|---------------|---------------------|

