

Networking Administration

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Switching

3Com

Choosing which firmware to boot

verifying current versions:

> show version

setting next-active to the backup (before update) one:

> boot system backup

setting next-active to the active (most recent) one:

> boot system active

Reset to defaults:

<https://www.vmadmin.co.uk/networking/81-hp-3com/358-reset-3com-switch-to-factory-defaults-forgot-password>

Cisco

ACLs

Adding ACL example

```
360 permit tcp any 10.3.4.102 0.0.0.0 eq 8000
```

Removing last ACL

```
no 360
```

Global features

Filtering output

"COMMAND | i" or "COMMAND | include" will filter command output

example:

```
"switch1#show running-config | i trunk"
```

```
"switch1#show running-config | include trunk"
```

Trunk between Cisco and Linux

Cisco configuration

```
interface GigabitEthernet0/11
switchport trunk allowed vlan 200,231
switchport mode trunk
switchport voice vlan 280
spanning-tree portfast
end
```

Kali Linux configuration

/etc/network/interfaces

```
interface GigabitEthernet0/11
switchport trunk allowed vlan 200,231
switchport mode trunk
switchport voice vlan 280
spanning-tree portfast
end
```

Kali Linux configuration