Cisco Cheat Sheet

Basic Configuration

Initial Commands
Name the device: `Router# configure terminal`
`Router(config)# hostname [hostname]`

VLAN

Access Control Lists
This chapter describes how to configure Access Control Lists (ACLs).

> **Let op!** Each ACL contains an implicit DENY at the end!

Spanning Tree
This chapter describes how to configure Spanning Tree.

Link Aggregation
This chapter describes how to configure port channels and to apply and configure the Link Aggregation Control Protocol (LACP).

Configure Interfaces
```
s1(config)# interface range fe0/1-2
s1(config-if-range)# shutdown
s1(config-if-range)# channel-group 1 mode active
s1(config-if-range)# exit
s1(config)# interface port-channel 1
s1(config-if)# switchport mode trunk
s1(config-if)# switchport trunk allowed vlan 1,2,20
```

Verify Link Aggregation
```
s1# show interface port-channel1
s1# show etherchannel summary
s1# show etherchannel port-channel
s1# show interfaces f0/1 etherchannel
```
More information about Link Aggregation Control Protocol (LACP) (802.3ad) for Gigabit Interfaces.

OSPF
This chapter describes how to configure OSPF.

Single-Area OSPF

Multi-Area OSPF

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https://github.com/roaldnefs/cisco-cheatsheet