

### Start Configuration

```
conf t
line con 0
logging synchronous
exit
ipv6 unicast-routing
no ip domain-lookup
```

### WAN Interface

```
ip address 10.28.11.1 255.255.255.252
ipv6 address 2001:ABCD:ABCD:XY::1/126
ip ospf hello 5
ipv6 ospf hello 5
ipv6 ospf 5 area 0
no shut
```

### WAN Interface im Backbone

```
ip address 10.28.11.1 255.255.255.252
ipv6 address 2001:ABCD:ABCD:XY::1/126
ip ospf hello 4
ipv6 ospf hello 4
ipv6 ospf 0 area 0
no shut
```

### Router OSPF

```
auto-cost reference-bandwidth 100000
network 10.28.11.0 0.0.0.255 area 28
network 10.28.11.netzaddr 0.0.0.3 area 28
router-id 10.28.11.10
passive-interface fa
area 28 range 10.288.0.0 255.255.0.0
```

### Interface des Switch-Moduls

```
switchport mode access
switchport nonegotiate
spanning-tree portfast
spanning-tree bpduguard enable
```

### trunk distribution

```
int range fa0/1 - fa0/lastIF
switchport mode dynamic desirable
switchport native vlan 99
```

### WAN links

```
ip ospf hello 4
ipv6 ospf hello 4
```

### access-switches

```
int range fa0/firstIF - fa0/lastIF
switchport mode access
switchport nonegotiate
spanning-tree portfast
spanning-tree bpduguard enable
```



By [zacfac15](#)  
[cheatography.com/zacfac15/](https://cheatography.com/zacfac15/)

Not published yet.  
Last updated 3rd June, 2020.  
Page 1 of 1.

Sponsored by [Readable.com](#)  
Measure your website readability!  
<https://readable.com>