

JuZ

- [Hardware](#)
- [Vlan](#)
- [Dienste](#)

Hardware

Basis Switch Config for Brocade/ Ruckus Switch ICX 6450 und ICX 6XXX

```
enable
#Set hostname
hostname <name>
# set username and password
username root password yourpasswordthere
# enable authentication for webinterface
aaa authentication login default local
aaa authentication web default local
# disable http
#no web-management http
# enable https
crypto-ssl certificate generate
web-management https
# enable ssh key authentication disable password-authentication
ip ssh key-authentication yes
ip ssh password-authentication no
ip ssh interactive-authentication no
# switch off telnetserver
no telnet server
# import ssh pub keys
ip ssh pub-key-file tftp 192.168.1.8 public.key

# Create Interface and assing ip address
interface ve 1
ip address x.x.x.x/x
exit
# dns server address
ip dns server-address x.x.x.x
# set default route
ip route 0.0.0.0/0 x.x.x.x

# Add Ve 1 to Vlan 1
vlan 1
```

```
router-interface ve 1
exit
# Cerate Vlan 72
vlan 72 name freifunk-client
# set interfaces to get Tagged
tagged ethernet 1/1/1 to 1/1/48
tagged ethernet 1/2/1 to 1/2/4
exit
# set interfaces dual mode for 802.1 Q vlan tags
interface ethernet 1/1/1 to 1/1/48
dual-mode
exit
interfac ethernet 1/2/1 to 1/2/4
dual-mode
exit
## alternativ
# interface ethernet 1/1/1 to 1/1/48 ethernte 1/2/1 to 1/2/4
# dual-mode
```

Vlan

Vlan 1 - Primäres Lan

192.168.12.1/24

DHCP Range 192.168.12.100 - 192.168.12.199

Vlan 72 - Freifunk Client

Vlan 73 - Freifunk Mesh

vlan 666 - IPv6 Public Network

Netzwerk IPv6 Public Static Network Momentan nicht geroutet

2001:470:7335:6::1/64

Dienste