**GW:**

**BASIC:**

Hostname: GW

Domain: vba.local

Terminal Password: Passw0rd

Banner: ”Authorized access only”

Domain Lookup: Slået fra Password kryptering: Slået til

Lokal bruger:

Brugernavn: admin

Adganskode: Passw0rd

Krypteringsnøgle: Modulus RSA 1024

Console 0:

Sync logging: Slået til

Password: Passw0rd

VTY (0-15)

Slå login local til.

Iinje input: SSH

**Interfaces:**

Vlan 2: Navn: Vlan2

IP: 172.21.2.1/30

NAT IN

Vlan 3:

Navn: Vlan 3

## IP: 172.21.3.1/30

NAT IN

G0/0:

IP: 10.233.144.80/24

NAT OUT

Shutdown F0/1/3:

Mode: Access

Access: Vlan2

Shutdown F0/1/0:

Mode: Access

Access: Vlan3 Shutdown

**Statisk routing:**

Port: G0/0

IP: 10.233.144.1

**OSPF:**

Process ID: 1

Router-ID 1.1.1.1

Netværk:

172.21.2.0 0.0.0.3 Area 0

172.21.3.0 0.0.0.3 Area 0 Udlevering af default route Passive interface: G0/0

**DHCP:**

Excluded addresses:

172.21.10.1 - 172.21.10.31

172.21.20.1 - 172.21.20.31

172.21.30.1 - 172.21.30.31

172.21.40.1 - 172.21.40.31

**Pools:**

direktion:

Network: 172.21.10.0/24

DNS: 8.8.8.8

Default Router: 172.21.10.3

Domæne: vba.local

lager:

Network: 172.21.20.0/24

DNS: 8.8.8.8

Default Router: 172.21.20.3

Domæne: vba.local

regnskab:

Network: 172.21.30.0/24

DNS: 8.8.8.8

Default Router: 172.21.30.3

Domæne: vba.local server:

Network: 172.21.40.0/24

DNS: 8.8.8.8

Default-Router: 172.21.40.3 Domæne: vba.local

**NAT:**

Standard Access List:

Navn: TILLAD-NAT

Permit: 172.21.0.0 0.0.255.255 Nat opsætning: Source list: TILLAD-NAT interface: G0/0 (overload)

**RA**

**BASIC:**

Hostname: RA

Domain: vba.local

Terminal Password: Passw0rd

Banner: “Authorized access only”

Domain lookups: disable

Slået til: Password kryptering

Lokal Bruger:

Brugernavn: admin Adganskode: Passw0rd

Krypteringsnøgle: Modulus RSA 1024 Console 0:

Sync logging slået til

Password: Passw0rd

VTY (0-4)

Password: Passw0rd

Slå login local til. Input: SSH

**VLANS:**

# **Vlan 2:**

Navn: Vlan2

IP: 172.21.2.2/30 **Vlan 10:**

## Navn: direktion

IP: 172.21.10.1/24 Standby 10 ip: 172.21.10.3 ip helper: 172.21.2.1 **Vlan 20:**

Navn: lager

IP: 172.21.20.1/24 Standby: 172.21.20.3

ip helper: 172.21.2.1

**Vlan 30:**

Navn: regnskab

IP: 172.21.30.1/24 Standby: 172.21.30.3 ip helper: 172.21.2.1

**Vlan 40:**

Navn: server

IP: 172.21.40.1/24 Standby: 172.21.40.3 ip helper: 172.21.2.1

**Vlan 99:**

Navn: management

IP: 172.21.99.1/24 Standby: 172.21.99.3

Slå L3 routing til

**Interfaces:**

F0/48:

Mode: Access

Access: Vlan2

Port åbnes

**OSPF:**

Process ID: 1

Router-ID 2.2.2.2

Kendte Netværk:

172.21.2.0 0.0.0.3 area 0

172.21.10.0 0.0.0.255 area 0

172.21.20.0 0.0.0.255 area 0

172.21.30.0 0.0.0.255 area 0

172.21.40.0 0.0.0.255 area 0

172.21.99.0 0.0.0.255 area 0 Passive interface:

Vlan: 10, 20,30, 40, 99

**Etherchannel:**

Channel Group: 1

Interfaces: F0/1-2

Encapsulation: dot1q

Mode: trunk / desirable

Allowed Vlan: 10,20,30,40,99

**RB**

**BASIC:**

Hostname: RB

Domain: vba.local

Terminal Password: Passw0rd

Banner: “Authorized access only”

Domain lookup: Disable

Password kryptering: Til SSH user

Brugernavn: admin

Adgangskode: Passw0rd

Krypteringsnøgle: Modulus RSA 1024 Console 0:

Sync logging: Slået til

Password: Passw0rd

VTY (0-4)

Slå login local til. Input: SSH

**VLANS:**

Vlan 3:

Navn: Vlan3

IP: 172.21.3.2

Vlan 10:

Navn: direktion

IP: 172.21.10.2

Standby: 172.21.10.3

Ip helper: 172.21.3.1

Vlan 20:

Navn: lager

IP: 172.21.20.2

Standby: 172.21.20.3

ip helper: 172.21.3.1

Vlan 30:

Navn: regnskab

IP 172.21.30.2

Standby: 172.21.30.3

ip helper: 172.21.3.1

Vlan 40:

Navn: server

IP: 172.21.40.2

Standby: 172.21.40.3

ip helper: 172.21.3.1 Vlan 99:

Navn management

IP: 172.21.99.2

## Standby: 172.21.10.3

Slå L3 routing til

**Interfaces:**

F0/48:

Access mode

Access: Vlan 3

**OSPF:**

Process ID: 1

Router-ID 3.3.3.3

Kendte Netværk:

172.21.3.0 0.0.0.3 area 0

172.21.10.0 0.0.0.255 area 0

172.21.20.0 0.0.0.255 area 0

172.21.30.0 0.0.0.255 area 0

172.21.40.0 0.0.0.255 area 0

172.21.99.0 0.0.0.255 area 0 Passive interface:

Vlan: 10, 20, 30, 40

**Etherchannel:**

Channel-group: 5 Interfaces: F0/1-2 Encapsulation: dot1q Mode: Trunk / desirable

Allowed: Vlan 10,20,30,40,99

**SW-A**

**BASIC:**

Hostname: SW-A

Domæne: vba.local

Terminal password: Passw0rd

Banner: “Authorized access only”

Slået fra: Domain lookup

Slået til: Password encryption

Local user:

Brugernavn: admin Adgangskode: Passw0rd

Krypteringsnøgle: Modulus RSA 1024

Console 0

Sync logging enabled

Password: Passw0rd

VTY 0 4

Lokalt login slås til

Input: SSH

**VLANS:**

Vlan 10:

Navn: Direktion

Vlan 20:

Navn: Lager

Vlan 30: Navn: Regnskab

Vlan 40: Navn: Server

int Vlan 99: Navn: Management IP: 172.21.99.95 Default-Gateway: 172.21.99.3

**Etherchannel:**

Channel-group 1:

Interfaces: F0/1-2

Mode: Trunk / desirable

Allowed VLAN: 10,20,30,40,99

Channel-group 2:

Interfaces: F0/3-4

Mode: Trunk / desirable

Allowed VLAN: 10,20,30,40,99

Channel-group 4:

Interfaces: F0/5-6

Mode: Trunk / desirable

Allowed VLAN: 10,20,30,40,99

Ports:

* direktion f0/7-12
* lager f0/13-15
* regnskab f0/16-17
* blackhole f0/18-19
* server f0/20-23
* management f0/24

**SW-B**

**BASIC:**

Hostname: SW-B

Domæne: vba.local

Terminal password: Passw0rd

Banner: “Authorized access only”

Slået fra: Domain lookup

Slået til: Password encryption

Local user:

Brugernavn: admin Adgangskode: Passw0rd

Krypteringsnøgle: Modulus RSA 1024

Console 0

Sync logging enabled

Password: Passw0rd

VTY 0 4

Lokalt login slås til

Input: SSH

**VLANS:**

Vlan 10:

Navn: Direktion

Vlan 20:

Navn: Lager

Vlan 30: Navn: Regnskab

Vlan 40: Navn: Server

Int Vlan 99: Navn: Management IP: 172.21.99.96 Default-gateway: 172.21.99.3

**Etherchannel:**

Channel-group 3:

Interfaces: F0/1-2

Mode: Trunk / desirable

Allowed VLAN: 10,20,30,40,99

Channel-group 4:

Interfaces: F0/3-4

Mode: Trunk / desirable

Allowed VLAN: 10,20,30,40,99

Channel-group 5:

Interfaces: F0/5-6

Mode: Trunk / desirable

Allowed VLAN: 10,20,30,40,99

Ports:

* direktion f0/7-12
* lager f0/13-15
* regnskab f0/16-17
* blackhole f0/18-19
* server f0/20-23
* management f0/24

**SW-C**

**BASIC:**

Hostname: SW-C

Domæne: vba.local

Terminal password: Passw0rd

Banner “Authorized access only”

Slået fra: Domain lookup

Slået til: Password encryption

Local user:

Brugernavn: admin Adgangskode: Passw0rd

Krypteringsnøgle: Modulus RSA 1024

Console 0

Sync logging enabled

Password: Passw0rd

VTY 0 4

Lokalt login slås til

Input: SSH

**VLANS:**

Vlan 10:

Navn: Direktion

Vlan 20:

Navn: Lager

Vlan 30: Navn: Regnskab

Vlan 40: Navn: Server

Int Vlan 99: Navn: Management IP: 172.21.99.97 Default-gateway: 172.21.99.3

**Etherchannel:**

Channel-group 2:

Interfaces: F0/1-2

Mode: Trunk / desirable

Allowed VLAN: 10,20,30,40,99

Channel-group 3:

Interfaces: F0/3-4

Mode: Trunk / desirable

Allowed VLAN: 10,20,30,40,99

Ports:

* direktion f0/7-12
* lager f0/13-15
* regnskab f0/16-17
* blackhole f0/18-19
* server f0/20-23
* management f0/24