

## Basisconfig Switch:

Hostname:

```
# configure terminal
# hostname Switch1
```

Passwords:

```
# configure terminal
# line console 0
# password pxl
# login
# end
```

```
# configure terminal
# enable secret pxl
# exit
```

```
# configure terminal
# line vty 0 15
# password pxl
# login
# end
```

Encrypt passwords:

```
# configure terminal
# service password-encryption
# show running-config (encryption checken)
```

Banner message instellen:

```
# configure terminal
# banner motd #Only Authorized Acces!#
```

De configuratie opslaan:

```
# end
# copy running-config startup-config (checken)
```

## Optioneel:

Extra paswoord instellingen:

```
# service password-encryption
# security passwords min-length 8
# login block-for 120 attempts 3 within 60
# line vty 0 4
# password pxl123
# exec-timeout 5 30
# transport input ssh
# end
```

IP-adres, subnetmask en default gateway koppelen:

```
# configure terminal
# interface vlan 1
# ip address (ipv4 + subnetmask)
# no shutdown
# exit
# ip default-gateway (ipv4)
```

## Basisconfig Router:

Hostname:

```
# hostname Router1
```

Privileged EXEC mode beveiligen:

```
# enable secret pxl
```

EXEC mode beveiligen :

```
# line console 0
# password pxl
# login
```

Remote SSH opzetten en beveiligen:

```
# line vty 0 4
# password pxl
# login
# transport input ssh
```

Alle passwords encrypten :

```
# exit
# service password-encryption
```

Banner message instellen :

```
# banner motd #Authorized Acces Only!#
```

De configuratie opslaan:

```
# end
# copy running-config startup-config (checken)
```

## Optioneel:

Extra beveiligen van router

```
# auto secure
```

Extra paswoord instellingen:

```
# service password-encryption
# security passwords min-length 8
# login block-for 120 attempts 3 within 60
```

```
# line vty 0 4
# password pxl123
# exec-timeout 5 30
# transport input ssh
# end
```

SSH aanzetten:

```
# configure terminal
# ip domain name pxl.be
# crypto key generate rsa general-keys modulus 1024
# username Arno secret pxl123
# line vty 0 4
# login local
# transport input ssh
# exit
```

Interfaces configureren:

```
# interface GigabitEthernet 0/0/0 (G0/0/0)
# description (beschrijving)
# ip address ipv4-address subnet-mask
# ipv6 address ipv6-address/prefix-length
# no shutdown
```

Default gateway configureren:

```
# configure terminal
# ip default-gateway (ipv4)
```