

# Netwerkdokumentatie

Github Repository

<https://github.com/ThimoQuaremPXL/NetwerkDocumentatie>

## Configuraties

QuaremRouter	SwitchDesktop	SwitchLaptop
<pre>(config) &gt;hostname QuaremRouter &gt;ip domain-name pxl.be &gt;enable secret pxl &gt;service password-encryption &gt;ipv6 unicast-routing  #Setting up SSH &gt;crypto key generate rsa general-keys modulus 1024 &gt;username pxl password pxl  #set up DHCP desktop ip dhcp pool desktop  (dhcp-config) &gt;network 192.168.0.0 255.255.255.128 &gt;default-router 192.168.0.1 &gt;dns-server 192.168.0.1 &gt;domain-name pxl.be  #set up DHCP laptop (dhcp-config) &gt;network 192.168.0.128 255.255.255.128 &gt;default-router 192.168.0.129 &gt;dns-server 192.168.0.129 &gt;domain-name pxl.be (config-line) console &gt;password pxl &gt;login  (config-line) vty 0 15 &gt;transport input ssh &gt;login local</pre>	<pre>(config) &gt;hostname SwitchDesktop &gt;ip domain-name pxl.be &gt;enable secret pxl &gt;service password-encryption  #Setting up SSH &gt;crypto key generate rsa general-keys modulus 1024 &gt;username pxl password pxl  (config-line) console &gt;password pxl &gt;login  (config-line) vty 0 15 &gt;transport input ssh &gt;login local  (config-if)vlan 1 &gt;ip address 192.168.0.127 255.255.255.128 &gt;no shutdown</pre>	<pre>(config) &gt;hostname SwitchLaptop &gt;ip domain-name pxl.be &gt;enable secret pxl &gt;service password-encryption  #Setting up SSH &gt;crypto key generate rsa general-keys modulus 1024 &gt;username pxl password pxl  (config-line) console &gt;password pxl &gt;login  (config-line) vty 0 15 &gt;transport input ssh &gt;login local  (config-if)vlan 1 &gt;ip address 192.168.0.254 255.255.255.128 &gt;no shutdown</pre>

<pre>(config-if)gig0/0/0 &gt;ip address 192.168.0.1 255.255.255.128 &gt;no shutdown  (config-if)gig0/0/1 &gt;ip address 192.168.0.129 255.255.255.128 &gt;no shutdown &gt;ipv6 address 2001:db8:1:2::1/64 &gt;ipv6 address fe80::1 link-local &gt;ipv6 dhcp pool ip6dhcp (dhcpv6 config) &gt;address 2001:db8:1:2::1/64 &gt;dns-server fe80::1 &gt;domain-name pxl.be</pre>		
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# Netwerk informatie

## QuaremRouter

**hostname:** QuaremRouter

**password console:** pxl

**enable password:** pxl

**ssh login**

- **Username:** pxl
- **password:** pxl

**IP adressen:**

- **gig0/0/0:** 192.168.0.1/25    2001:db8:1:1::1/64    #is default-gateway  
SwitchDesktop
- **gig 0/0/1:** 192.168.0.129/25    2001:db8:1:2::1/64    #is default-gateway  
SwitchLaptop

## SwitchDesktop

**hostname:** SwitchDesktop

**password console:** pxl

**enable password:** pxl

**ssh login**

- **Username:** pxl
- **password:** pxl

**IP adressen:**

**VLAN1:** 192.168.0.254/25  
**Default-Gateway:** 192.168.0.129  
**Domain-name:** pxl.be  
**DNS-server:** 192.168.0.129

## SwitchLaptop

**hostname:** SwitchLaptop

**password console:** pxl

**enable password:** pxl

**ssh login**

- **Username:** pxl
- **password:** pxl

**IP adressen:**

**VLAN1:** 192.168.0.254/25  
**Default-Gateway:** 192.168.0.129  
**Domain-name:** pxl.be  
**DNS-server:** 192.168.0.129

## Desktops

**hostname:**pc-(00-09)

### **DHCP-config:**

**Network:** 192.168.0.0/25

**default-router:** 192.168.0.1/25

**dns-server:**192.168.0.1/25

**domain-name:** pxl.be

## laptops

**hostname:**laptop-(00-09)

### **DHCP-config:**

**Network:** 192.168.0.128/25

**default-router:** 192.168.0.129/25

**dns-server:**192.168.0.129/25

**domain-name:** pxl.be

# Diagram

