How to create a routed OpenVPN scenario
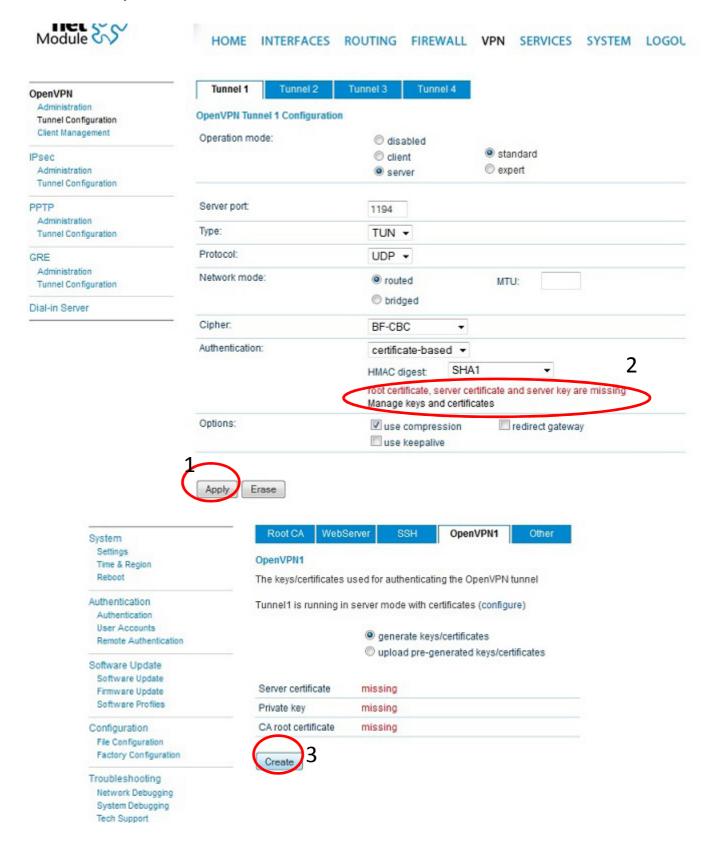
NetModule Router as OpenVPN server, IP: 192.168.1.0 ←→ NetModule Router as OpenVPN client, IP: 192.168. 4.0

Create an OpenVPN server

net Module

HOME   INTERFACES   ROUTING   FIREWALL   VPN

OpenVPN
Administration
Tunnel Configuration
Client Management

IPsec
Administration
Tunnel Configuration

| Clients | Networking | Routes | Download |

Client Management

Enabled	Client	Connection info
☑ 4	Client1	
☐	Client2	

5 Apply   Refresh

net Module

HOME   INTERFACES   ROUTING   FIREWALL   VPN   SERVICES   SYSTEM   LOGOUT

OpenVPN
Administration
Tunnel Configuration
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IPsec
Administration
Tunnel Configuration

PPTP
Administration
Tunnel Configuration

GRE
Administration
Tunnel Configuration

Dial-in Server

| Clients | Networking | Routes | Download |

Transport Network

| Network: | 10.8.0.0 |
| Netmask: | 255.255.255.0 |

Client Networks

This menu can be used to configure a fixed tunnel endpoint address for each client. You may also specify a network whose packets should get routed towards the client.

Select client: Client1 ▾

Tunnel address: ⦿ dynamic
                   ○ fixed

Client network: ○ none   ⦿ specify
                   Network: 192.168.4.0
                   Netmask: 255.255.255.0

Apply   6

net Module

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Dial-in Server

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Client Routes

This list of network routes will be pushed to each client, so that matching

Network	Netmask
192.168.1.0	255.255.255.0

The server network will be
pushed to the client

Enable routing between clients: ☑

Apply 7

---

net Module

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 Tunnel Configuration

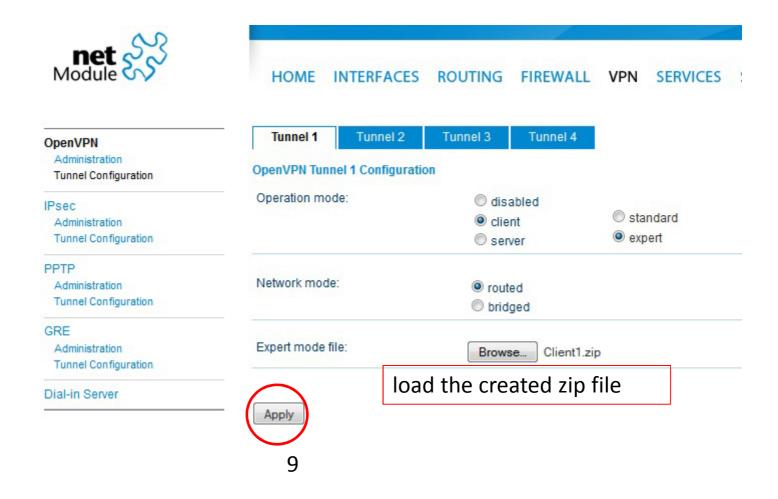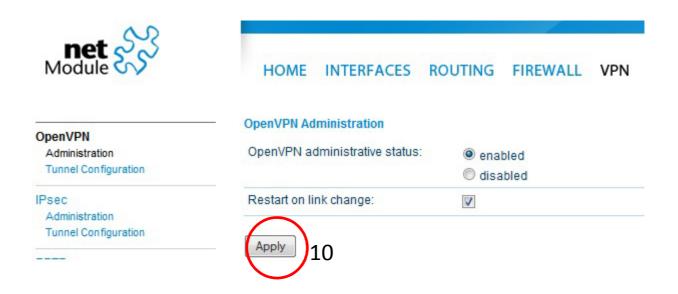| Clients | Networking | Routes | **Download** |

Download OpenVPN Client

Download Expert Mode Files

Server address/hostname: 138.188.1.2

Download 8

Create an OpenVPN client

| Tunnel 1 | Tunnel 2 | Tunnel 3 | Tunnel 4 |

OpenVPN

- Administration
- Tunnel Configuration

IPsec

- Administration
- Tunnel Configuration

PPTP

- Administration
- Tunnel Configuration

GRE

- Administration
- Tunnel Configuration

Dial-in Server

HOME   INTERFACES   ROUTING   FIREWALL   VPN   SERVICES

OpenVPN Tunnel 1 Configuration

Operation mode:
- ○ disabled
- ◉ client   ○ standard
- ○ server   ◉ expert

Network mode:
- ◉ routed
- ○ bridged

Expert mode file: [Browse...] Client1.zip

load the created zip file

[Apply]

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HOME   INTERFACES   ROUTING   FIREWALL   VPN

OpenVPN

- Administration
- Tunnel Configuration

IPsec

- Administration
- Tunnel Configuration

OpenVPN Administration

OpenVPN administrative status:
- ◉ enabled
- ○ disabled

Restart on link change: ☑

[Apply] 10

Start OpenVPN on server and client