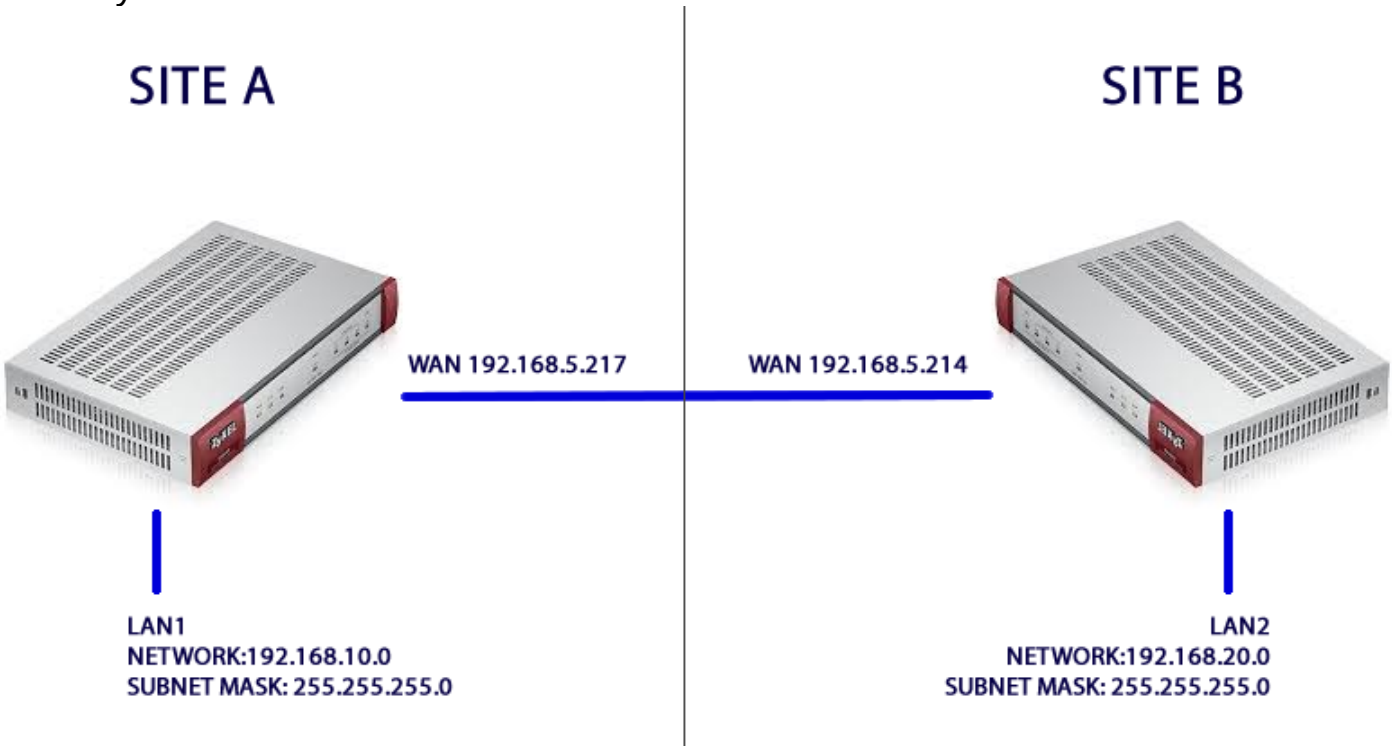
IPSec Site-to-Site VPN between 2 USG devices

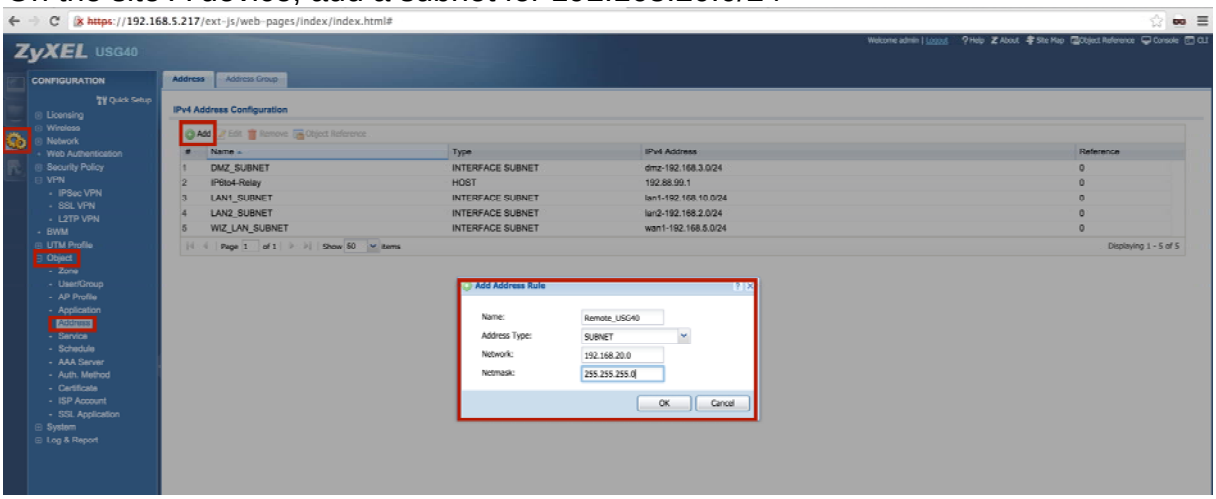
This guide will demonstrate how to configure site-to-site IPSec VPN on USG devices. By doing this, hosts in the LAN sides will be able to reach the other side securely over the Internet.



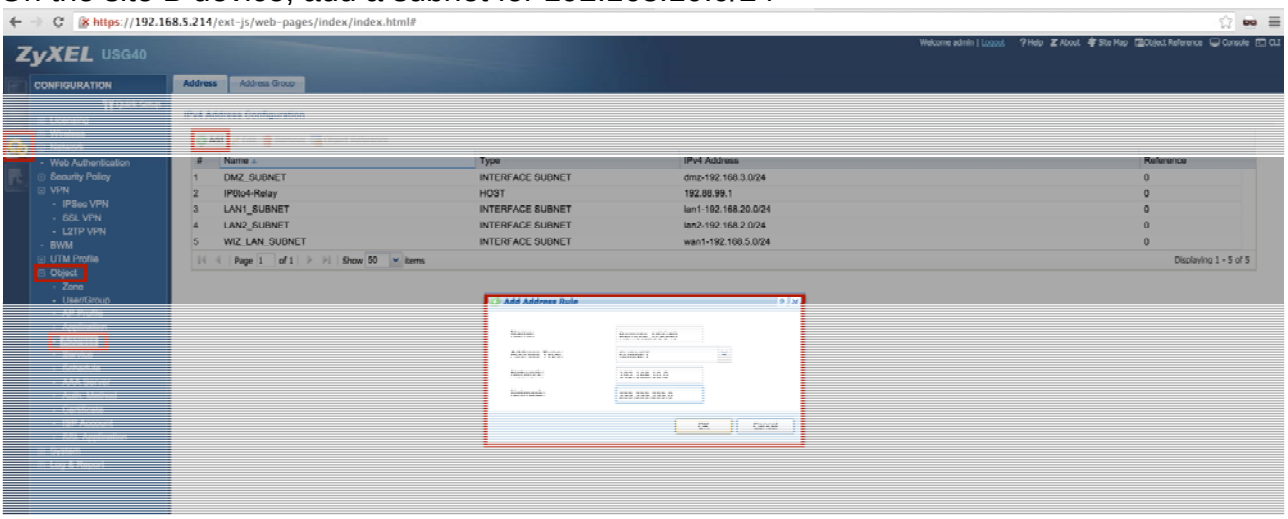
1. Open your web browser and type the IP address of the device into the address bar (defaultLAN IP address : 192.168.1.1)

2. Login (default username : admin Password: 1234)

3. Create an address object for remote subnet (Configuration > Object > Address)
   On the site A device, add a subnet for 192.168.20.0/24



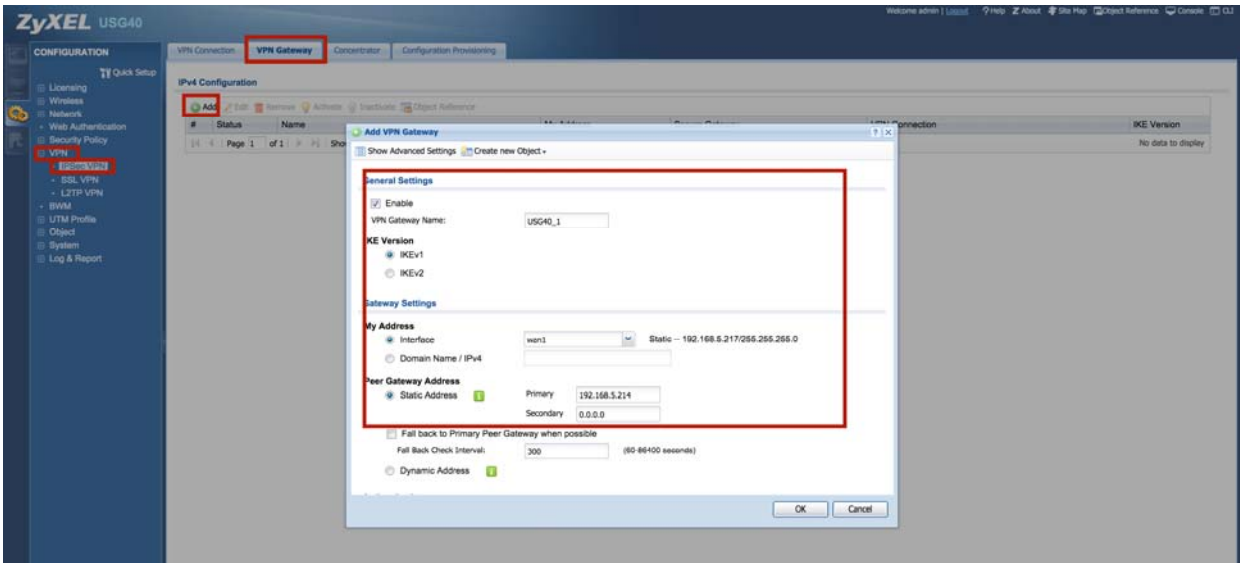
On the site B device, add a subnet for 192.168.10.0/24

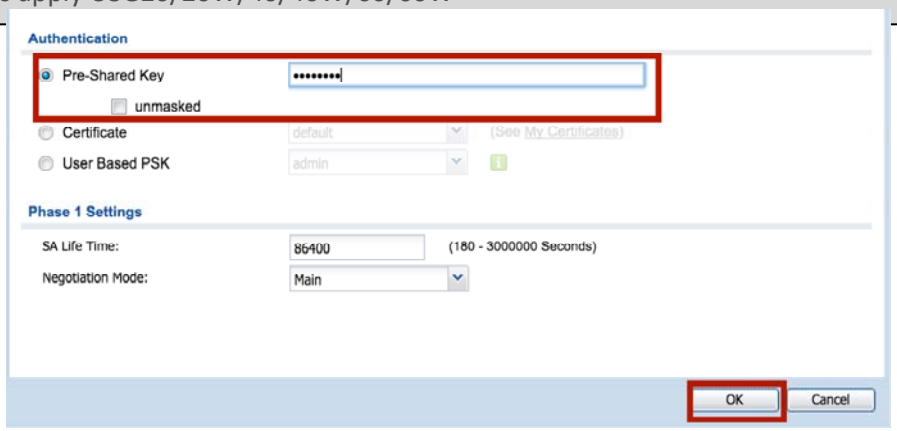


4. Create a VPN Gateway on both devices
(Configuration > VPN > IPSec VPN >VPN>ateway>Add)

SITE A DEVICE

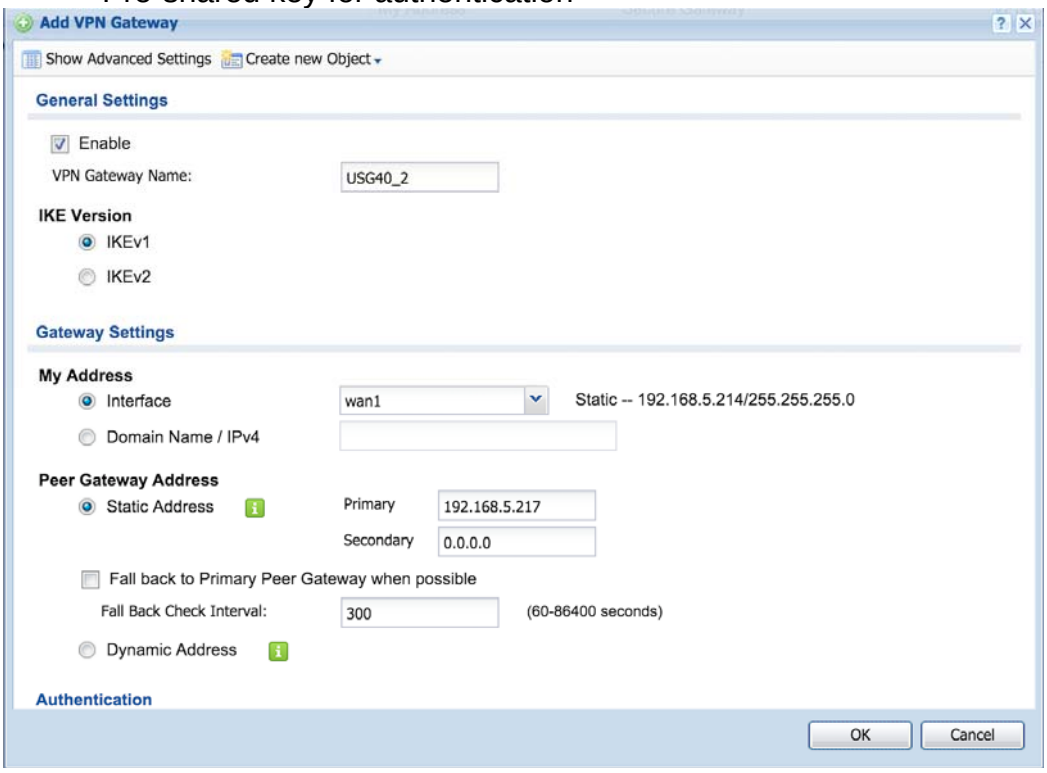
- Enable
- My address as wan1
- Peer gateway address with a static IP address of the wan 1 on site 2 (192.168.5.214)
- Pre-shared key for authentication

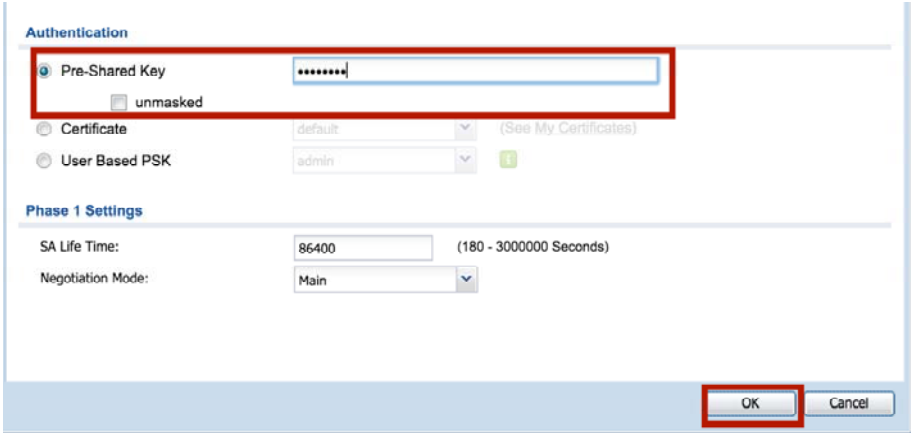




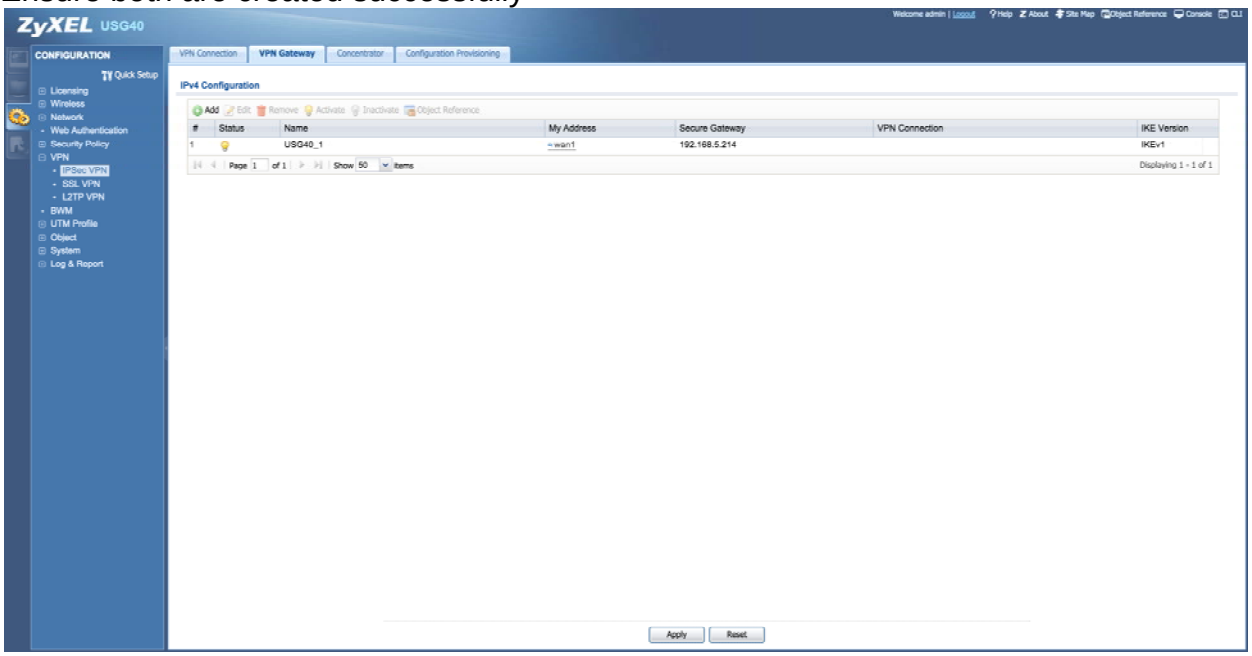
SITE B DEVICE

- Enable
- My address as wan1
- Peer gateway address with a static IP address of the wan 1 on SITE A (192.168.5.217)
- Pre-shared key for authentication

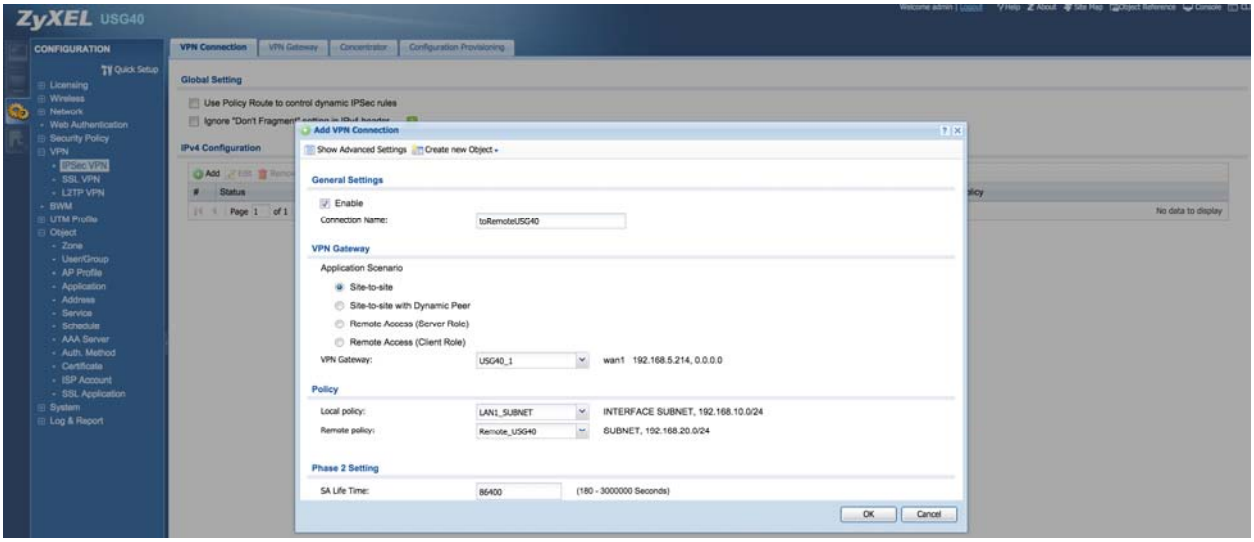


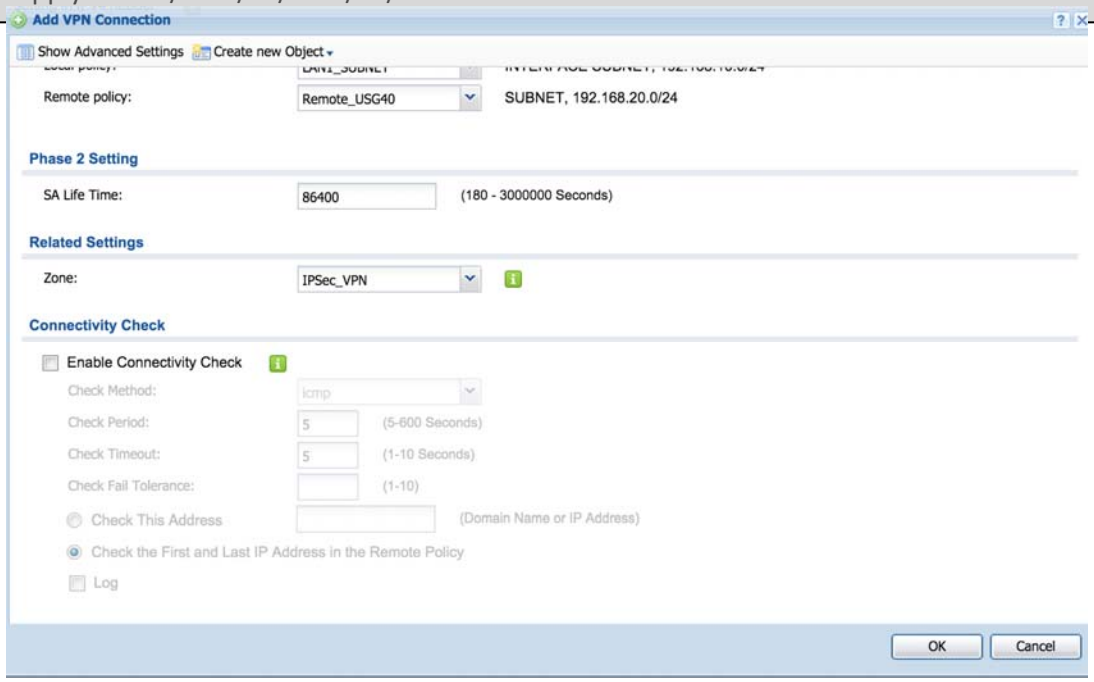


5. Ensure both are created successfully



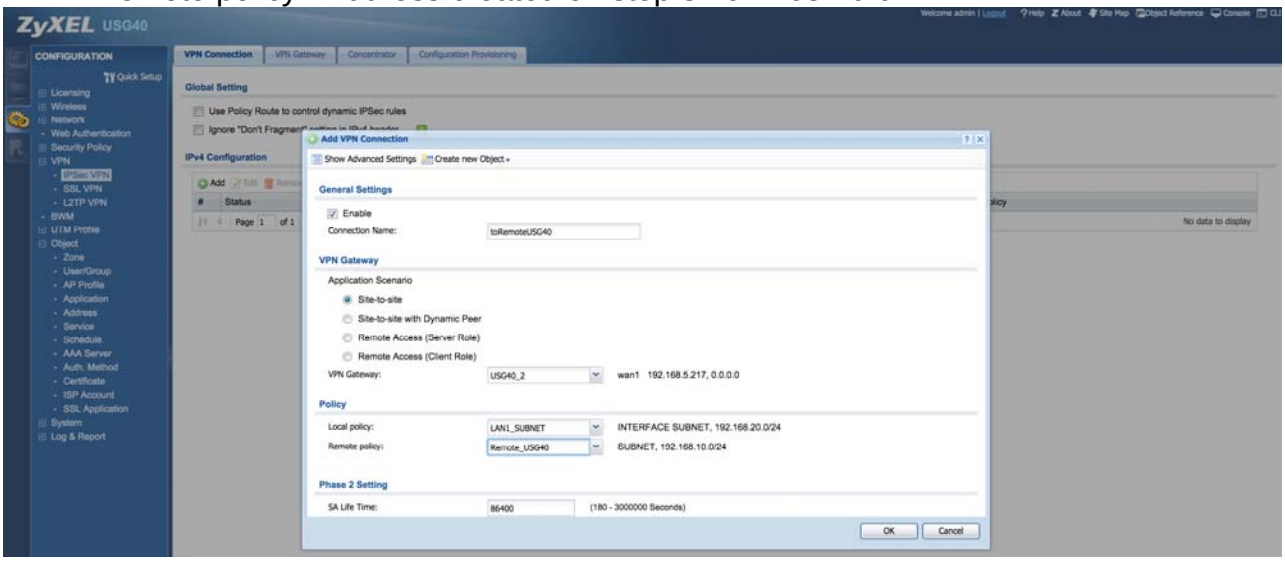
6. Create VPN connection (Configuration > VPN > IPSec VPN > VPN Connection > Add)
Site A device
   - Enable
   - Site-to-Site
   - VPN Gateway as the gateway created on step 5
   - Local policy : LAN_SUBNET 192.168.10.0
   - Remote policy : Address created on step 3 192.168.



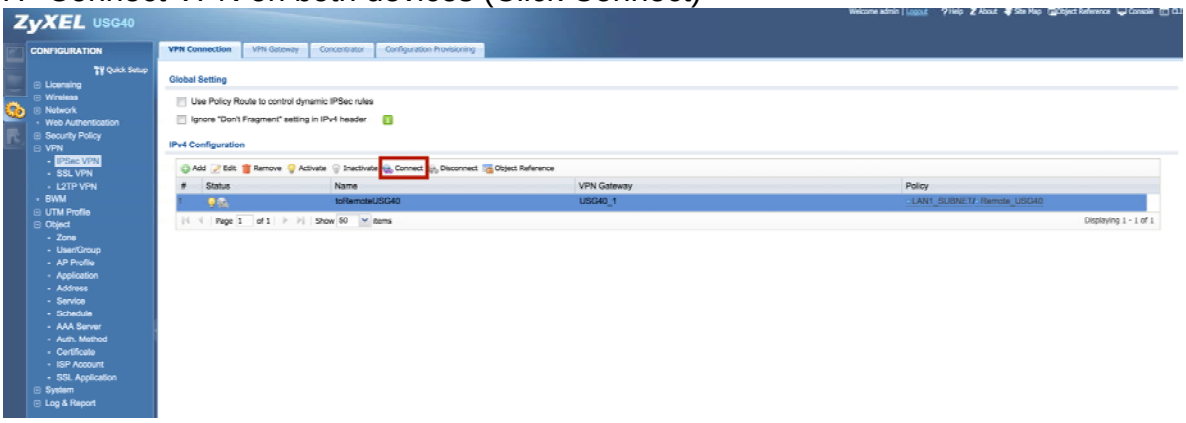


On the site 2 device

- Enable
- Site-to-Site
- VPN Gateway as the gateway created on step 5
- Local policy : LAN_SUBNET 192.168.20.0
- Remote policy : Address created on step 3 192.168.10.0



7. Connect VPN on both devices (Click Connect)



When it's connected the status will change to END