VPN

Sunday, December 10, 2023   6:39 PM

172.16.12.0/24

172.16.23.0/24

Ether 1 -Bridge Or Nar

12.2

Ether 1 -Bridge Or Nar

23.3

Ether 1 -Bridge Or Nar

R1

Ether2 - Lan Segment 1

Ether2 - Lan Segment 1

R2

Ether3 - Lan Segment 2

Ether2 - Lan Segment 2
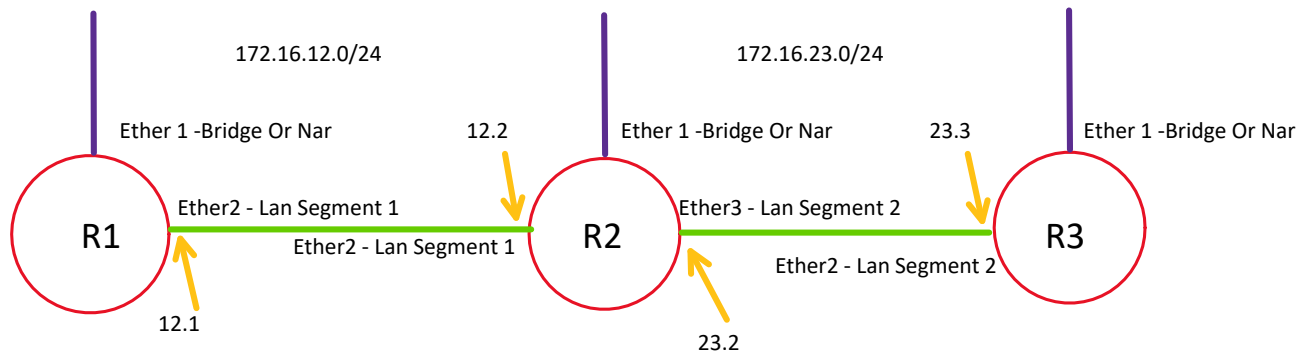
R3

12.1

23.2

R1

1. SetUp DHCP Client On Ether1
2. Set Up IP add On Ether2
   172.16.12.1/24
3. SetUp SrcNat Masq
   Out Int Ether1
4. SetUp Static Route
   Dst Add = 172.16.23.0/24
   Gateway = 172.16.12.2

For All VPN Most Do :

1. Create a Profile :
   1.1-Set Local Add Like :
   10.1.1.1

   1.2-Set a Remote Add Or Choose a IP Pool Like :
   10.1.1.2 Or Select IP Pool

   (To Create IP Pool Go to IP > Pool
   Add a New and Add Address Like :
   10.1.1.2-10.1.1.100)

   1.3-Set a DNS Server

   1.4 Check Change TCP MSS = No

2. Create a Secret

   2.1-Name = Username

   2.2- Password

   2.3- Profile

Senario 1

PPTP

1. PPP > PPTP Server > Enable

2. Authentication : mschap1 , mschap2

Senario 2

L2TP

1. PPP > L2TP Server > Enable

2. Authentication : mschap1 , mschap2

R2

1. Set Up IP add On Ether 2
   172.16.12.2/24
2. Set Up IP add On Ether 3
   172.16.23.2/24
3. Setup Default Route to R1
   Dst Add = 0.0.0.0/0
   Gateway = 172.16.12.1

R3

1. Set Up IP add On Ether2
   172.16.23.3/24
2. Setup Default Route to R2
   Dst Add = 0.0.0.0/0
   Gateway = 172.16.23.2

Senario 1

1. Interface > Add > PPTP Client
2. Dial Out :
   2.1 Connect To = VPN Server Address
   2.2 User
   2.3 Password
   2.4 Add Default Route
   2.5 Disable chap , pap

Senario 2

1. Interface > Add > L2TP Client
2. Dial Out :
   2.1 Connect To = VPN Server Address
   2.2 User
   2.3 Password
   2.4 Add Default Route

Senario 3
1. Interface > Add > L2TP Client
2. Dial Out :
   2.1 Connect To = VPN Server Address
   2.2 User
   2.3 Password
   2.4 Use IP Sec = Enable
   Set Server IPsec
   2.5 Add Default Route

Senario 3

L2TP IP Sec

1. PPP > L2TP Server > Enable

2. Use Ipsec = Yes
   IPsec Secret = 12345678

3. Authentication : mschap1 , mschap2