

LEASED LINE'NIN VPN İLE YEDEKLENMESİ

Leased Line'in her iki ucunda da bir VPN router varsa ve internete bağlanıyorsa, failover bağlantısı eklemek için aralarında bir VPN tüneli oluşturabiliriz. Bu makale, routing LAN subneti için bir VPN'in nasıl ayarlanacağını ve yalnızca primary line başarısız olduğunda etkin olmasını gösterir.

DrayOS

Diyelim ki WAN 1 leased line ve WAN 2 bir internet bağlantısıdır.

1. LAN to LAN VPN profilinde. **VPN Dial-Out through** için "WAN2 only: Only establish VPN if WAN1 down" ve **Call Direction** için "Dial-Out" seçin

VPN and Remote Access >> LAN to LAN

Profile Index : 1

1. Common Settings

Profile Name: 1	Call Direction: <input type="radio"/> Both <input checked="" type="radio"/> Dial-Out <input type="radio"/> Dial-in
<input checked="" type="checkbox"/> Enable this profile	Tunnel Mode: <input type="radio"/> GRE Tunnel
VPN Dial-Out Through: WAN2 only: Only establish VPN if WAN1 down	<input checked="" type="checkbox"/> Always on
Nethbios Naming Packet: <input checked="" type="radio"/> Pass <input type="radio"/> Block	Idle Timeout: -1 second(s)
Multicast via VPN: <input checked="" type="radio"/> Pass <input type="radio"/> Block (for some IGMP, IP-Camera, DHCP Relay..etc.)	<input type="checkbox"/> Enable PING to keep IPsec tunnel alive
	PING to the IP: <input type="text"/>

2. Dial-Out Settings

Type of Server I am calling: <input type="radio"/> PPTP <input checked="" type="radio"/> IPsec Tunnel <input type="radio"/> L2TP with IPsec Policy (None) <input type="radio"/> SSL Tunnel	Username: ???
Server IP/Host Name for VPN. (such as draytek.com or 123.45.67.89) vpnserver.net	Password(Max 15 char): <input type="text"/>
Server Port (for SSL Tunnel): 443	PPP Authentication: PAP/CHAP/MS-CHAP/MS-CHAPv2
	VJ Compression: <input checked="" type="radio"/> On <input type="radio"/> Off
	IKE Authentication Method: <input checked="" type="radio"/> Pre-Shared Key
	IKE Pre-Shared Key: <input type="text"/>
	<input type="radio"/> Digital Signature(X.509)
	Peer ID: None

2. Router's CLI'ında **vpn pass2nd** komutunu yazın.

```
Account:admin
Password: *****

User login successful, expired time is "Unlimited".

Vigor> vpn pass2nd on
% 2nd subnet is allowed to pass VPN tunnel!

Vigor>
```

Şimdi, eğer primary line (leased line) kapalıysa, VPN WAN 2'de otomatik olarak kurulur ve routing subnet VPN üzerinden uzaktaki ağa sürekli olarak erişebilir.

VPN and Remote Access >> Connection Management

Dial-out Tool Refresh Seconds : 10 ▾ Refresh

General Mode: (index=0) wan1 1255.ddns.net ▾ Dial

Backup Mode: ▾ Dial

Load Balance Mode: ▾ Dial

VPN Connection Status

Current Page: 1

Page No. Go >>

VPN	Type	Remote IP	Virtual Network	Tx Pkts	Tx Rate(Bps)	Rx Pkts	Rx Rate(Bps)	UpTime
1 (Index=1)	IPsec Tunnel 3DES-SHA1 Auth	192.168.39.1 via WAN2	192.168.39.1/24	0	0	0	0	0:0:38 Drop

xxxxxxx : Data is encrypted.
xxxxxxx : Data isn't encrypted.

Linux

Diyelim ki WAN 2 leased line ve WAN 1 internet bağlantısıdır.

LAN to LAN profilinde,

- **Auto Dial-Out** özelliğini etkinleştirin.
- "If WAN2 down" seçeneğini seçin.
- **Dial-Out Through** için "WAN1" seçeneğini seçin.

IPsec

Profile : vpnbu

Enable

Basic Advanced GRE Proposal

Auto Dial-Out : Enable Disable If wan2 down ▾

For Remote Dial-In User : Enable Disable

Dial-Out Through : wan1 ▾ Default WAN IP WAN Alias IP

Failover to : ▾

Local IP / Subnet Mask : 192.168.90.1 255.255.255.0/24 ▾

Local Next Hop : 0.0.0.0 (0.0.0.0 : default gateway)

Remote Host : vpnsrvr.net

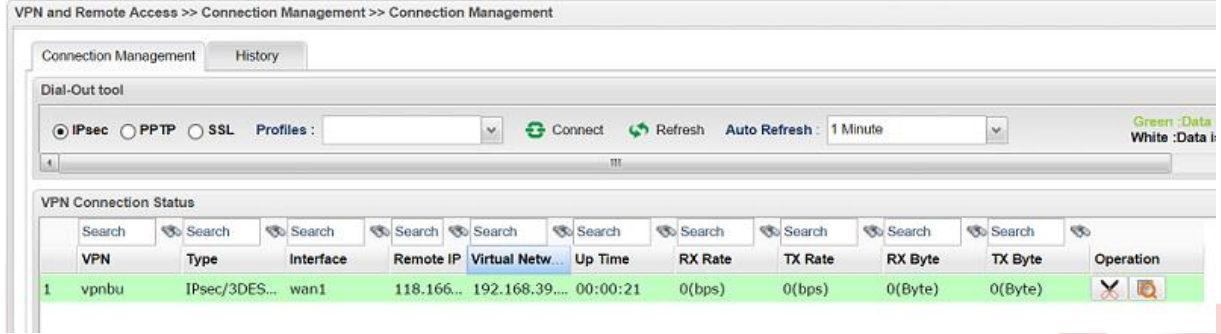
Remote IP / Subnet Mask : 192.168.39.1 255.255.255.0/24 ▾

Add Save

IP	Subnet Mask
No items to show.	

More Remote Subnet :

Şimdi WAN2 kapalıysa, WAN1 yukarı çıkacak ve VPN WAN 1'de otomatik olarak kurulacak ve routing subnet VPN üzerinden uzaktaki ağa sürekli olarak erişebilecektir.



VPN and Remote Access >> Connection Management >> Connection Management

Connection Management History

Dial-Out tool

IPsec PPTP SSL Profiles : [] Connect Refresh Auto Refresh : 1 Minute

VPN Connection Status

VPN	Type	Interface	Remote IP	Virtual Netw...	Up Time	RX Rate	TX Rate	RX Byte	TX Byte	Operation	
1	vpnbu	IPsec/3DES...	wan1	118.166...	192.168.39...	00:00:21	0(bps)	0(bps)	0(Byte)	0(Byte)	[X] []