PFSENSE İLE NSX EDGE ARASINDA IPSEC YAPILANDIRMASI

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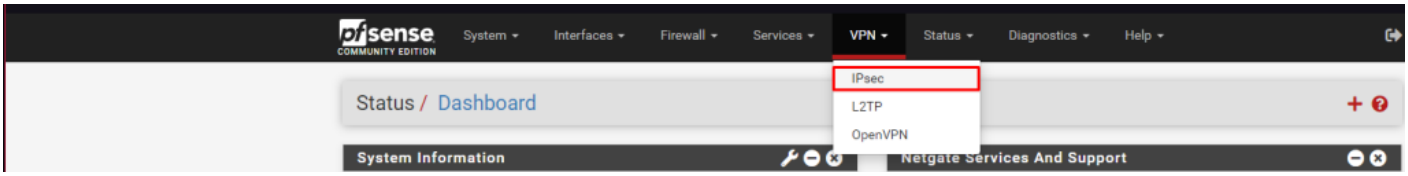
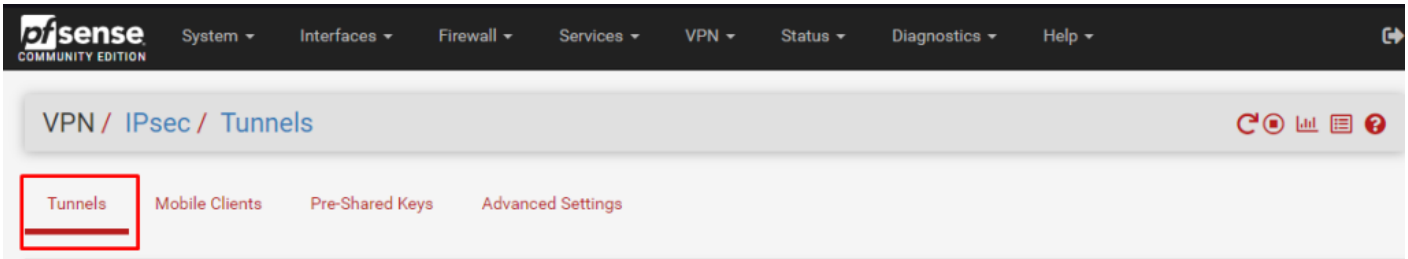
Sopshos UTM ile NSX Edge firewall ipsec bağlantısı için arasında faz1 ve faz2 uygun yapılan şekilde yapılandırmanız gerekmektedir.

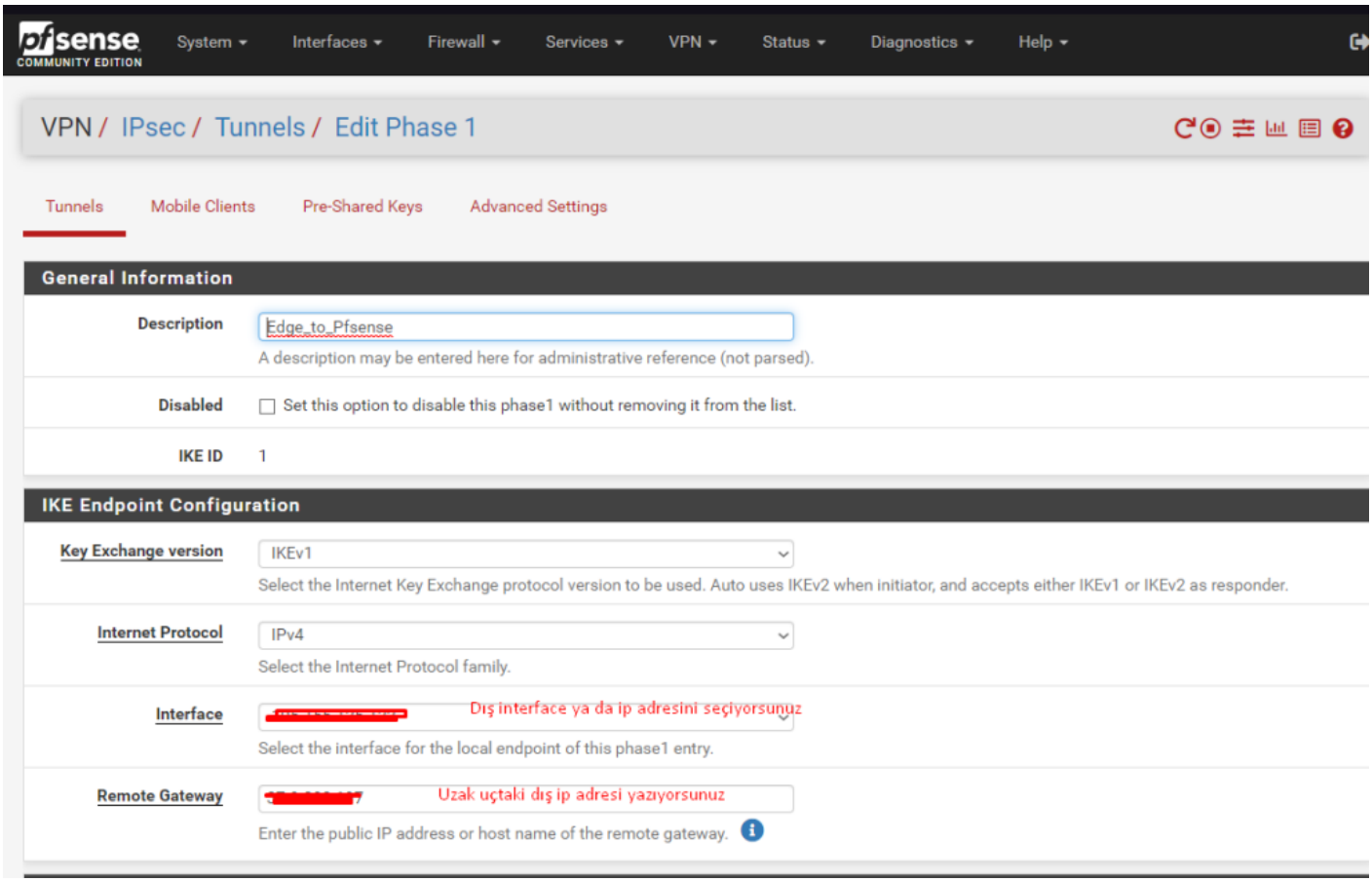
pfSense UTM Tanımları:



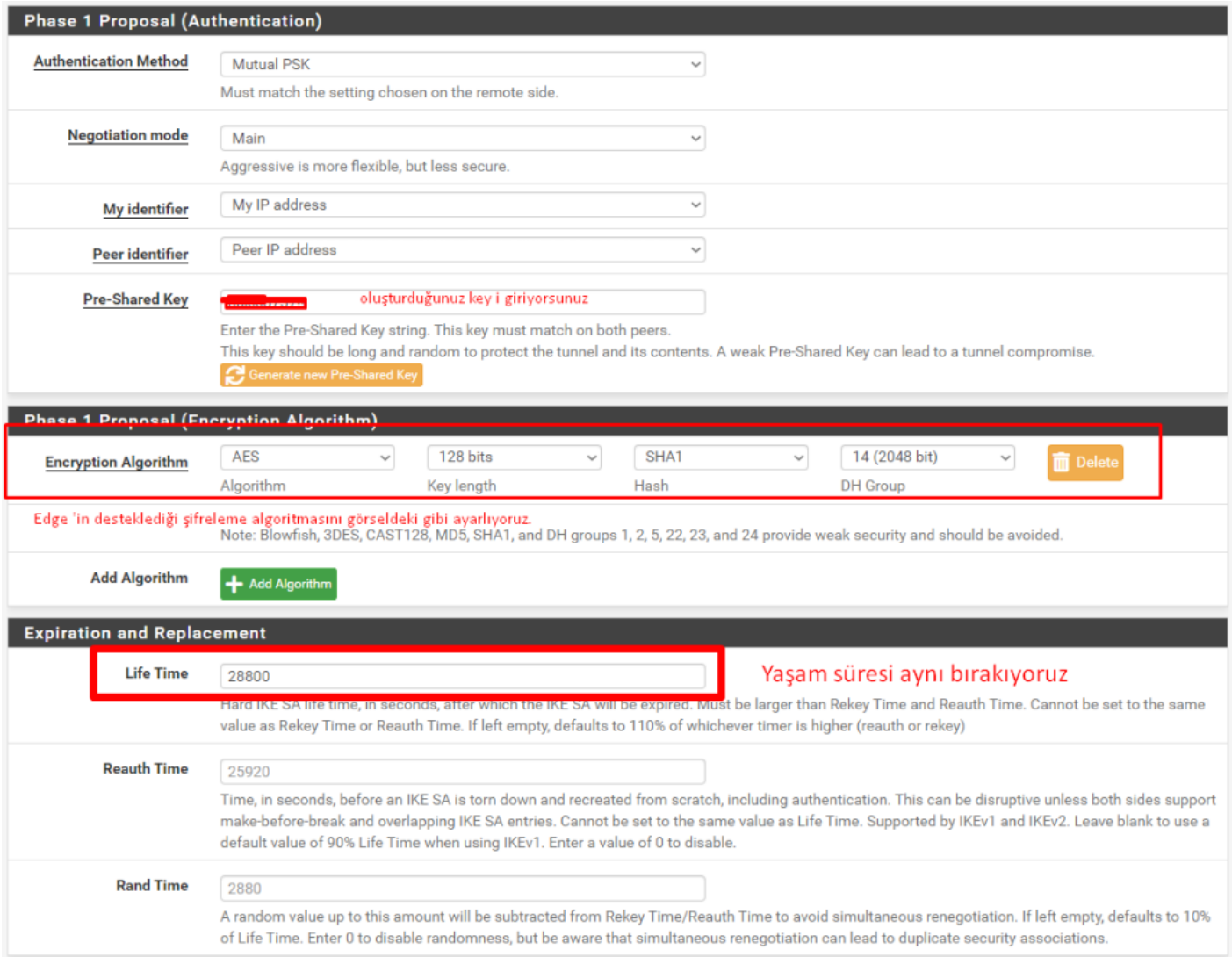
VPN altında IPsec sekmesine giriş yapıyoruz.



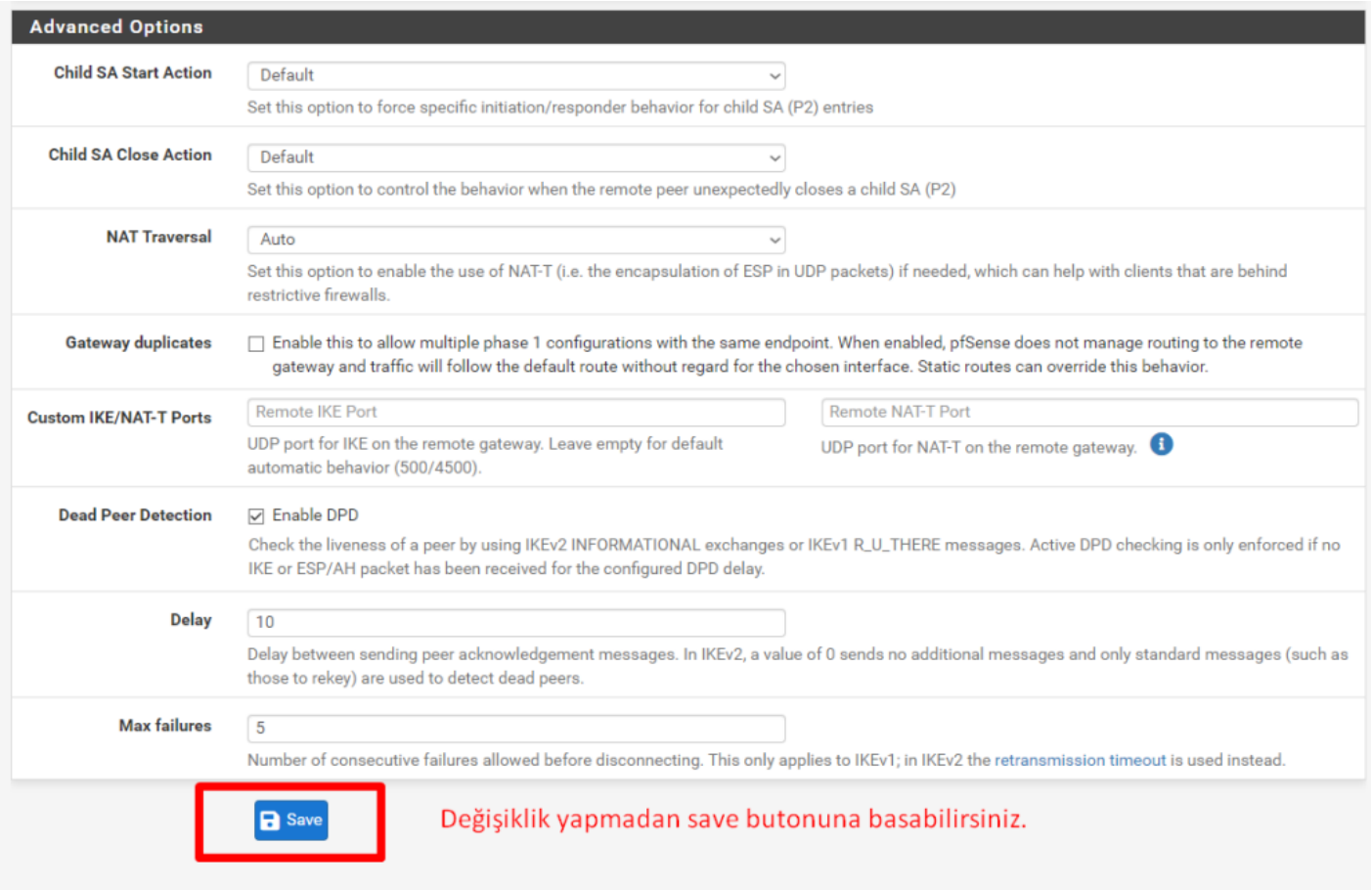
Tunnels butonuna geçiş yapıyoruz. Önce Faz1 ayarlarını yapıyoruz.



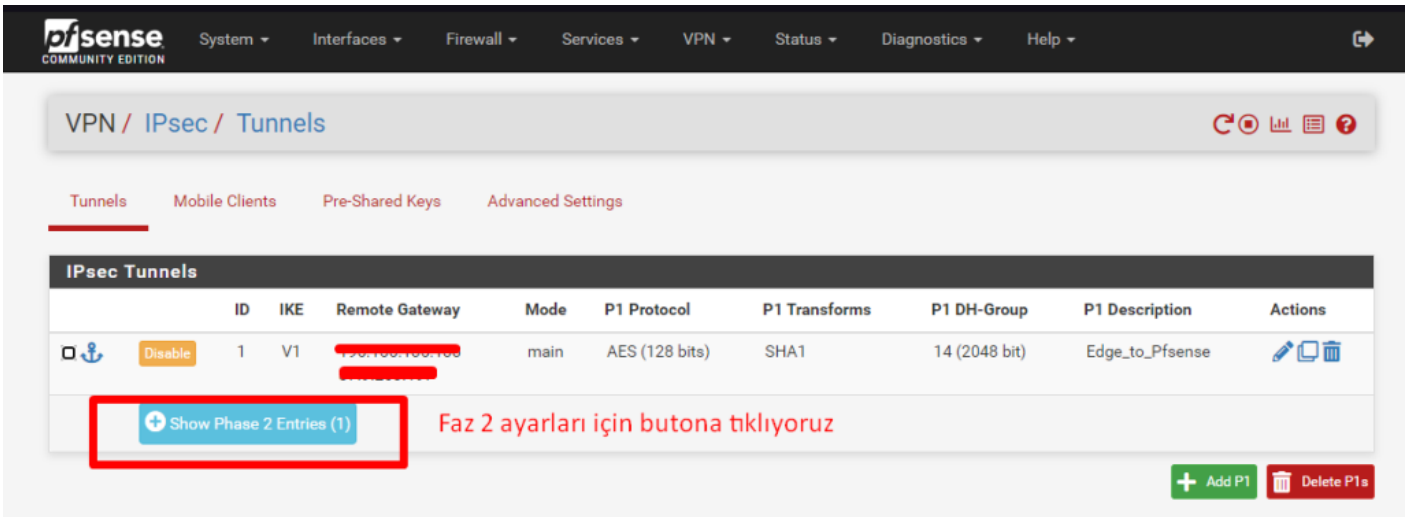
interface kısmına public ip ve remote gateway kısmına karşı tarafın public ip adresini yazıyoruz.



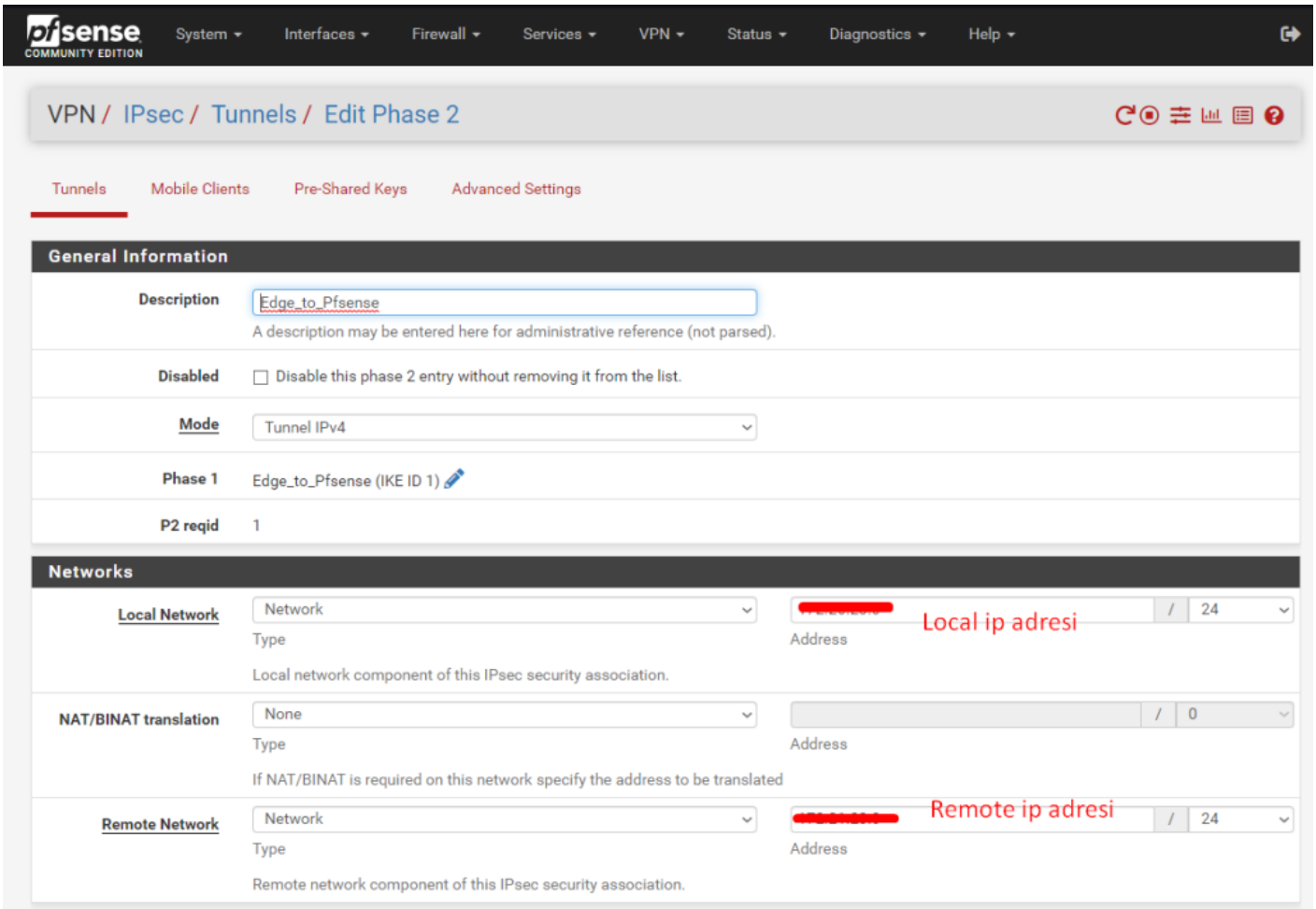
Görseldeki gibi Edge ‘e uygun algrotima yapısını ve key i ekliyoruz.



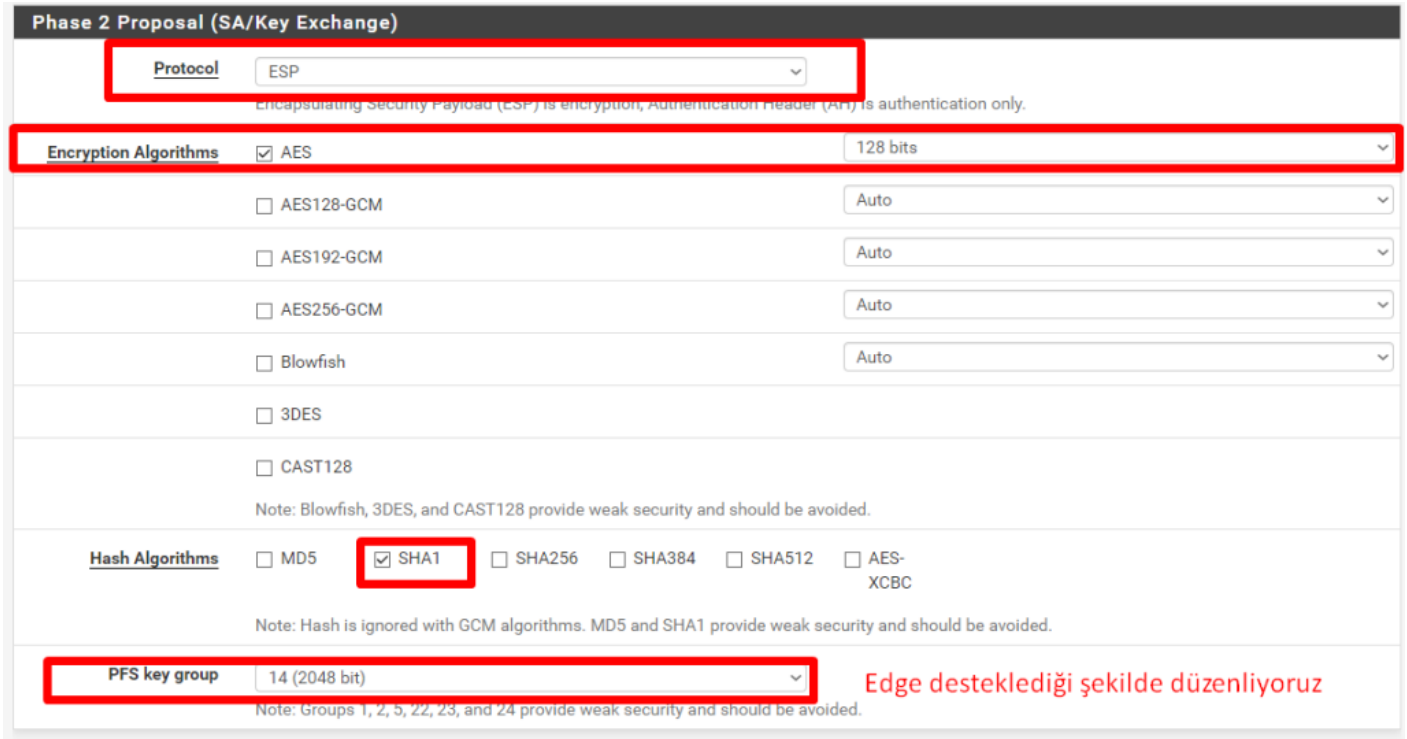
Save butonu basarak devam ediyoruz.



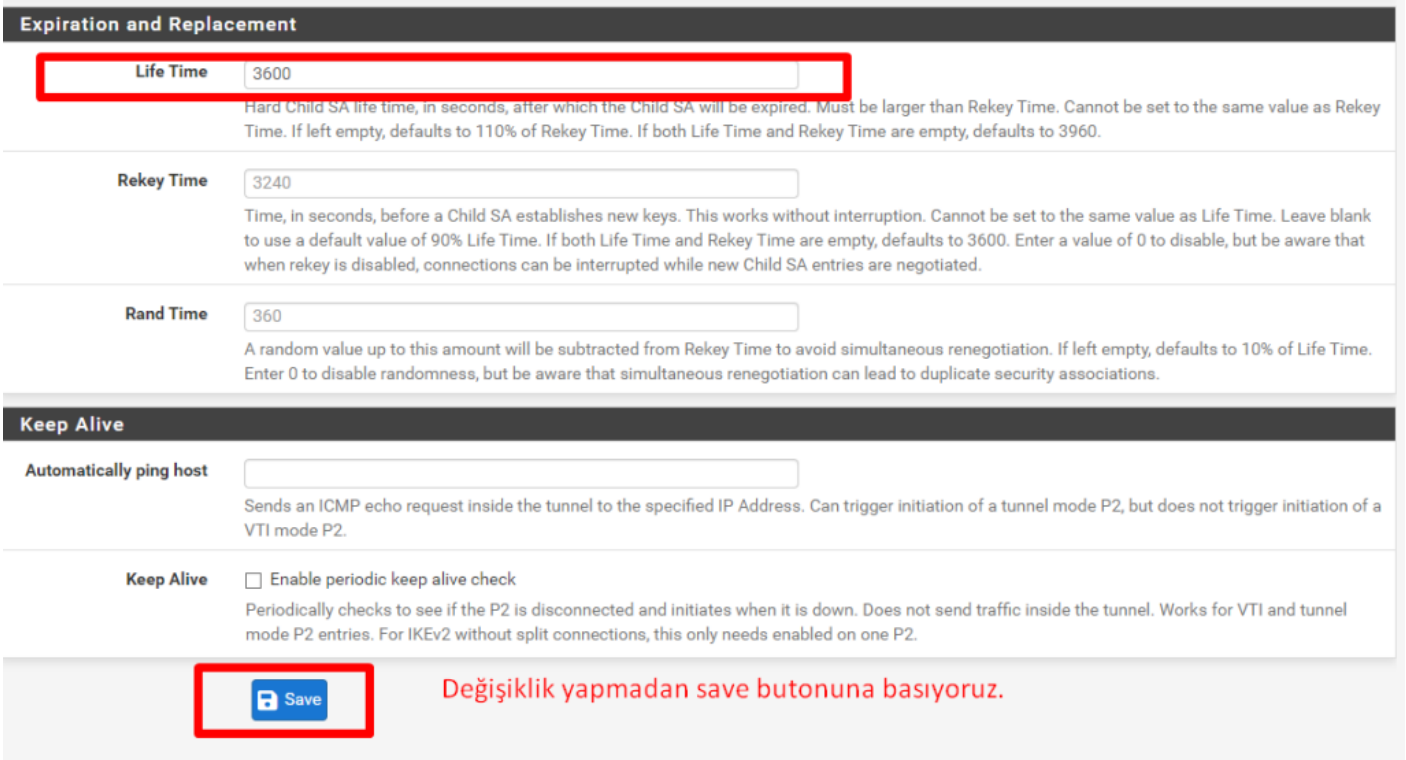
Faz 2 ayarların ageçiyoruz.

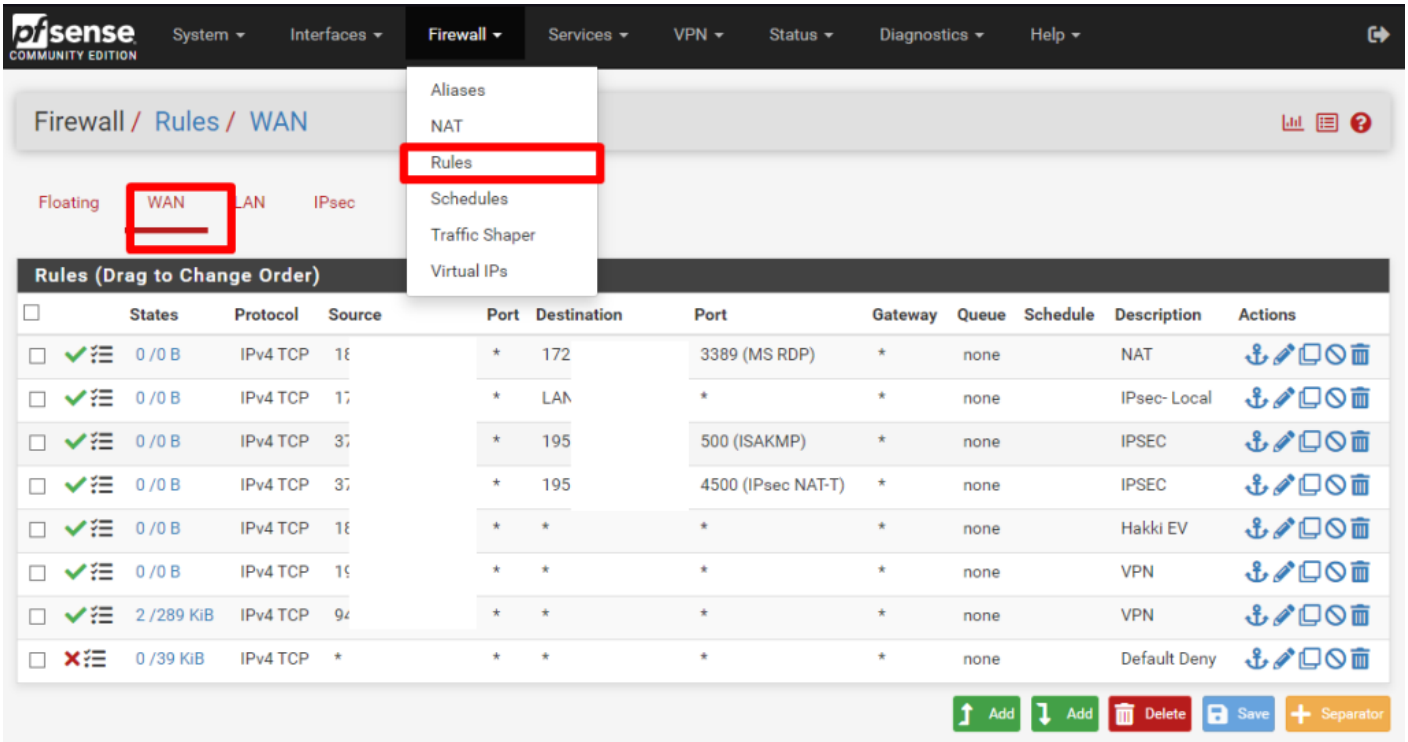


local network kısmına lokal ip network ve remote network kısmına karşı tarafın lokal network'ünü ekliyoruz.

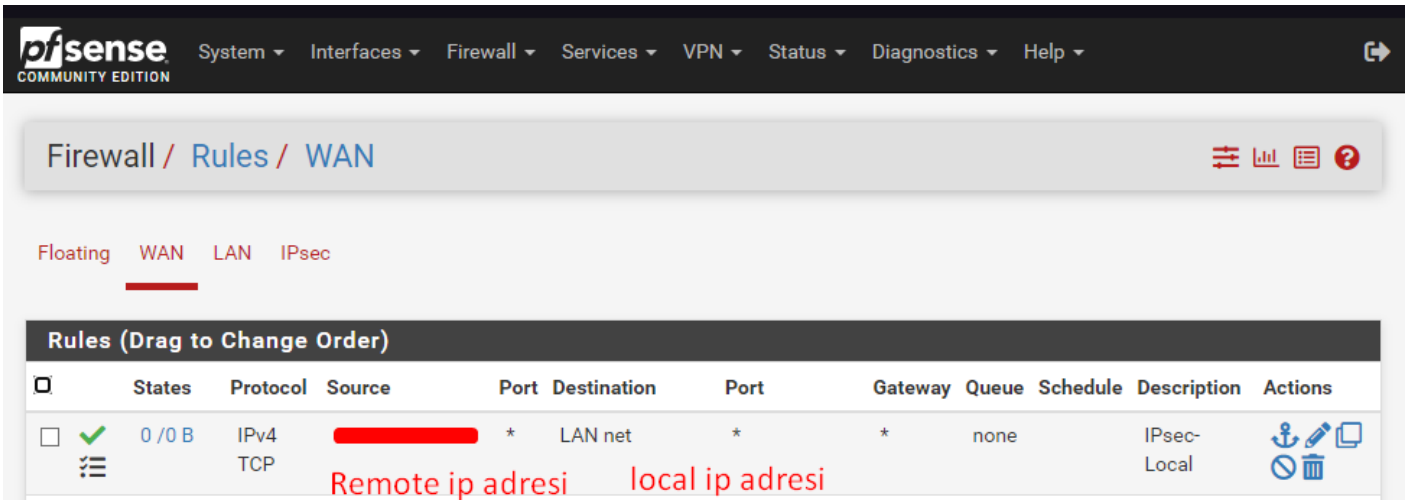


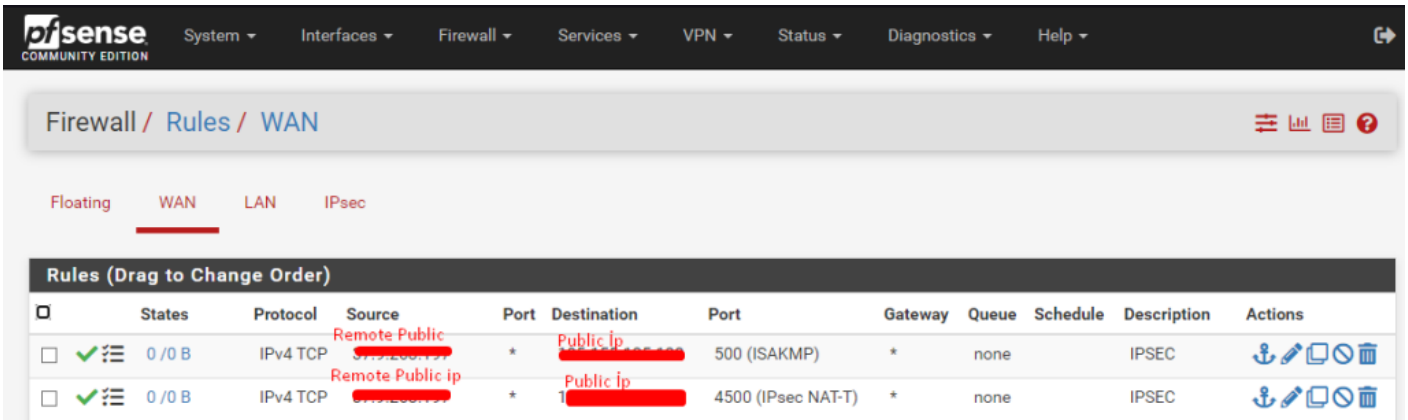
Algoartima ve protokol görseldeki gibi ayarlıyoruz.

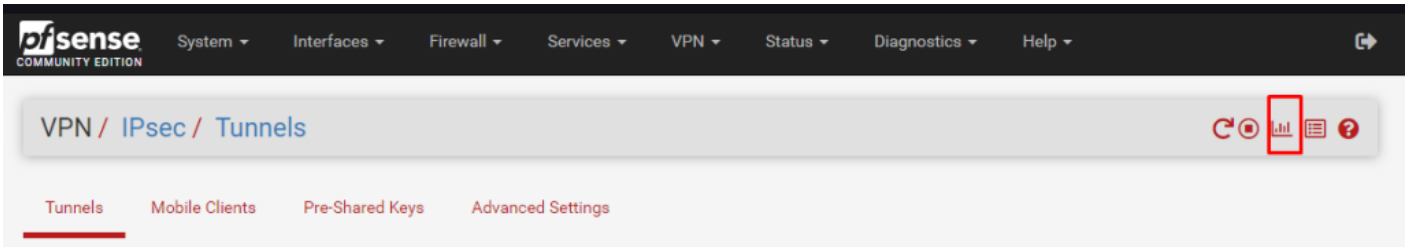




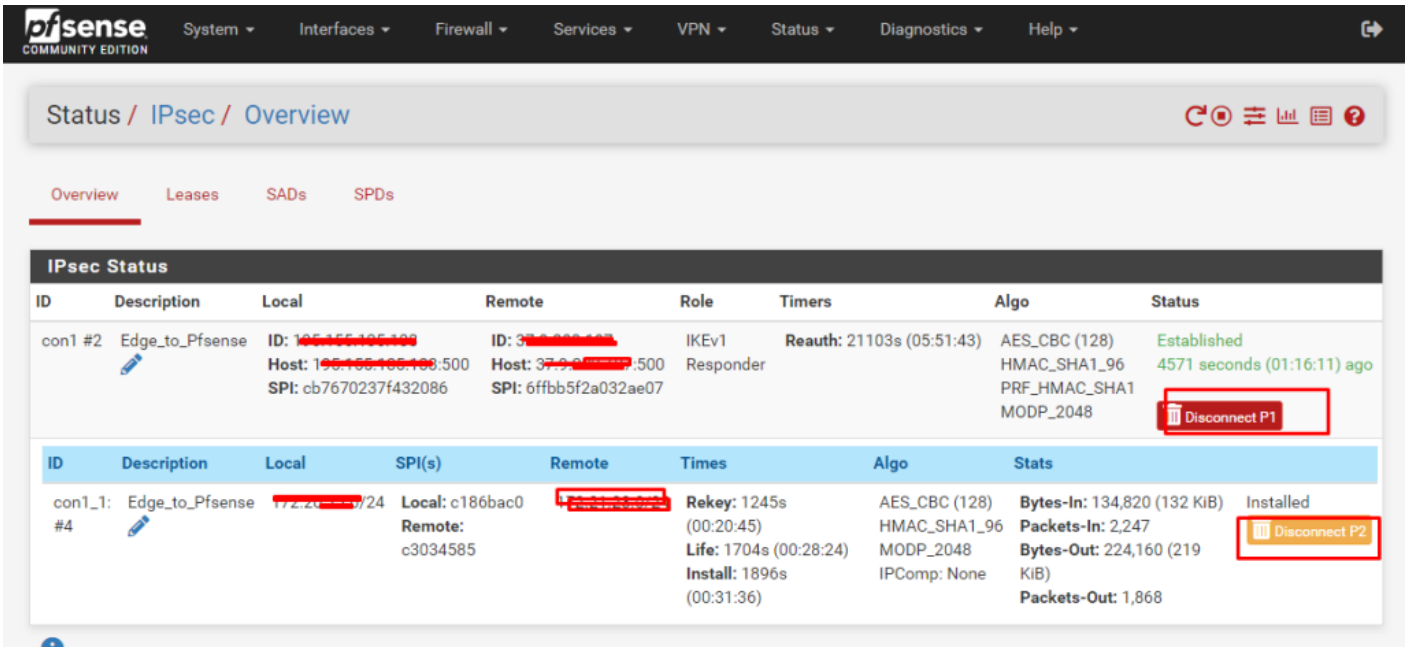
Firewall kurallarını ekliyoruz.







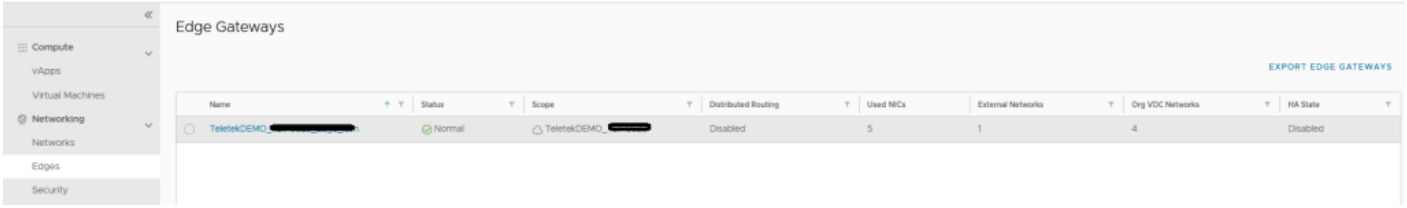
Yaptığımız ipsec yapılandırmasını aktif etmek için resimdeki simgeye tıklıyoruz



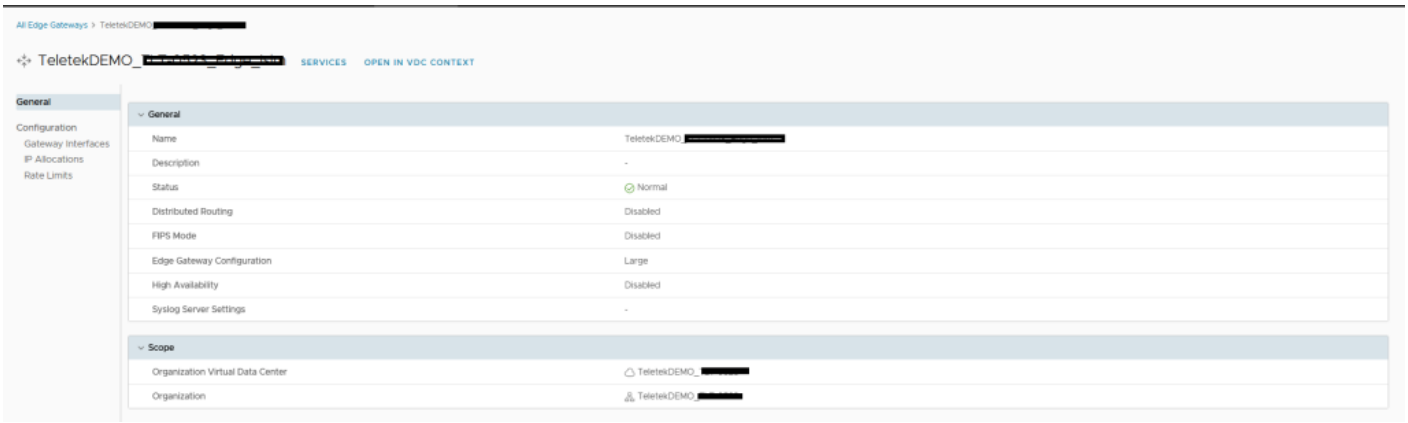
Connetc/disconnect butonlarından ipsec bağlantımızı aktif/pasif yapabiliyoruz.

NSX Edge Tanımları:

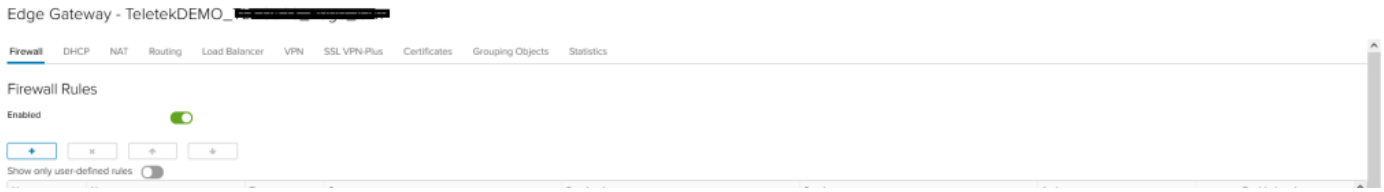
Vmware Cloud Director ‘de VDC ‘ye giriş yaptıktan sonra sol kısımda Edges kısmını göreceksiniz.



Ekrandaki mavi yazılı kısmına çift tıklayarak devam ediyoruz.



Yeni açılan sayfada “SERVICES” kısmına çift tıklıyoruz.



Firewall tabında Firewal Rules >> Enabled kısmını aktif ediyoruz

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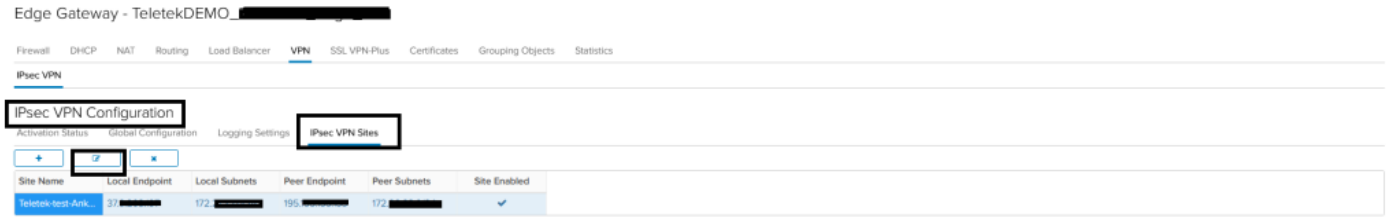

VPN >> IPsec VPN Configuration >> Ipsec VPN Sites ” +” işareti basarak yeni yapılandırma oluşturuyoruz. Aşağıdaki örneklerdeki gibi ayarlarımızı ekliyoruz.

Edit IPsec VPN

Enabled

Enable perfect forward secrecy (PFS)

Name: Teletek-test-Ankara

Local Id *: 37.[redacted]

Local Endpoint *: 37.[redacted]

SELECT

Local Subnets *: 172.2[redacted]

Subnets should be entered in CIDR format with comma as separator.

Peer Id *: 195.[redacted]

Peer Endpoint *: 195.[redacted]

Endpoint should be a valid IP, FQDN or any.

Peer Subnets *: 172.2[redacted]

Subnets should be entered in CIDR format with comma as separator.

Extension

DISCARD KEEP

Edit IPsec VPN

Extension could be passthroughSubnets=192.168.1.0/24, 192.168.2.0

Encryption Algorithm	AES
Authentication	PSK
Change Shared Key	
Pre-Shared Key	•••••••••
Display Shared Key	

The global pre-shared key (PSK) is shared by all the sites whose peer endpoint is set to 'any'. If a global PSK is already set, changing the PSK to an empty value and saving it has no effect on the existing setting.

Diffie-Hellman Group	DH5
Digest Algorithm	SHA1
IKE Option	IKEv1
IKE Responder Only	
Session Type	Policy Based Session

DISCARD KEEP