



macOS 'TAN VIGOR ROUTER'A IPsec XAUTH

IPsec çok güvenlidir ve mükemmel performans sunar. Ayrıca 2018'den beri IPsec Xauth sağlamaktadır. Her VPN istemcisiyle aynı pre-shared key kullanırken rahatsız hissediyorsanız onun yerine IPsec Xauth kullanabilirsiniz. IPsec Xauth VPN istemcileri yalnızca pre-shared key ile değil aynnı zamanda özgün bir kullanıcı adı ve parola ile doğrulanır. Bu makale Vigor Router'ın IPsec Xauth istemcileri için VPN server olarak nasıl ayarlanacağını ve VPN'i kurmak için macOS cihazında gerekli olan konfigürasyonu gösterir.

Vigor Router Üzerinde Kurulum

1. DrayOS

1. VPN and Remote Access >> IPsec General Setup sayfasına gidin ve. Pre-Shared Key girin.

| IKE/IPsec General Setup | |
|--------------------------------------|-------------------------------------|
| l-in Set up for Remote Dial-in users | and Dynamic IP Client (LAN to LAN). |
| IKE Authentication Method | |
| Certificate for Dial-in | None 🔻 |
| General Pre-Shared Key | |
| Pre-Shared Key | |
| Confirm Pre-Shared Key | |
| Pre-Shared Key for XAuth User | |
| Pre-Shared Key | ••••• |
| Confirm Pre-Shared Key | |
| IPsec Security Method | |
| Medium (AH) | |
| Data will be authenticated, | but will not be encrypted. |
| | |
| High (ESP) 🛛 🗹 DES 🖉 30 | DES 🖉 AES |
| Data will be encrypted and | authenticated. |

- 2. VPN and Remote Access >> Remote Dial-in User sayfasına gidin ve uygun bir indexe tıklayın.
 - Enable this account'u etkinleştirin.
 - Username ve Password girin.
 - Allow Dial-In Type bölümünde IPsec Xauth'u etkinleştirdiğinizden emin olun.

| VPN and Remote Access >> Rem | ote Dial-in User |
|------------------------------|------------------|
|------------------------------|------------------|

| Index No. 1 | | | | | | |
|---------------------------------|---------------------------|--------------------|--|--|--|--|
| User account and Authentication | Username | VPNuser | | | | |
| Enable this account | Password | | | | | |
| Idle Timeout 0 second(s) | Enable Mobile One-T | me Passwords(moTP) | | | | |
| Allowed Dial-In Type | PIN Code | | | | | |
| PPTP | Secret | | | | | |
| IPsec Tunnel | IKE Authentication Method | | | | | |
| ✓ L2TP with IPsec Policy None | | | | | | |
| SSL Tunnel | IKE Pre-Shared Key | Max: 64 characters | | | | |
| 🗹 IPsec XAuth | Digital Signature(X.5 | (90) | | | | |
| Specify Remote Node | None 🔻 | | | | | |
| Remote Client IP | | | | | | |
| | IPsec Security Method | | | | | |
| or Peer ID | Medium(AH) | | | | | |
| | Lussk/con) 🖉 Dec 🖉 | | | | | |





3. İstemcinin çevrim içi olup olmadığını VPN and Remote Access >> Connection Management sayfasından kontrol edebilirsiniz.

| VPN and Remote Access >> Connection Manage | nent |
|--------------------------------------------|--------|
| Dial-out Tool | Refre |
| General Mode: | ▼ Dial |
| Backup Mode: | ▼ Dial |
| Load Balance Mode: | ▼ Dial |

VPN Connection Status

| AII VPN S | tatus | LAN-to | -LAN VPN Stat | tus Remote | Dial-in | User Status | | | | |
|----------------|-----------------|-------------------|-------------------------|--------------------|------------|------------------|------------|------------------|--------|------|
| VPN | Ту | ре | Remote IP | Virtual Network | Tx Pkts | Tx Rate(Kbps) | Rx Pkts | Rx Rate(Kbps) | UpTime | |
| 1 (VPNuser) | IPsec AES-SH | Tunnel A1 Auth | 42.73.98.50 via WAN2 | 192.168.1.11/32 | 367 | 180.34 | 431 | 71.85 | 0:0:3 | Drop |
| | | | | | | XXXXXXXX | < : Da | ta is encryp | ted. | |

xxxxxxxx : Data isn't encrypted.

2. Linux

- 1. User Management >> User Profile sayfasına gidin ve Add'e tıklayın.
 - Username ve Password girin.
 - Enable tıklayın.
 - IPsec User Settings sekmesinde **Xauth** için "Enable" seçin.

| 🚯 Add 🔀 Edit 👖 | 🛾 Delete 🛭 🔇 Refresh | Search : | Q Sea |
|-----------------------------------------------------|---------------------------|----------------------|-------|
| User Profile | | | -× |
| Username : Enable Password : System User : | VPNuser | Strength : Excellent | |
| PPTP/L2TP/SSL/P | PPoE Server General Setup | | |
| Idle Timeout(sec) DHCP from : Static IP Address | : 300 lan1 | (Optional) | |
| ∧ User Manager | nent | (| |
| ∧ PPTP/L2TP/S | SL Server | | |
| ∧ PPPoE Server | r | | |
| A FTP/SAMBA | Jser Setting | | |
| ∧ Radius User S | Setting | | |
| t t IDeee Lieer Ce | tting | | |

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2. VPN and Remote Access >> IPsec General Setup sayfasına gidin. IPsec User Preshared Key girin. Sonra Apply'a tıklayın.

| PN and Remote Access >> IPsec | General Setup | | |
|-------------------------------|----------------|-------------------------------------|--|
| IPsec General Setup | | | |
| Drankanad Kawa | | (May 46 sharedare) | |
| Preshared Key | | (Max 40 characters) | |
| IPsec User Preshared Key : | | (Only for XAuth, Max 46 characters) | |
| WAN Profile : | wan1, wan2 🗸 🗙 |] | |
| DHCP LAN Profile : | lan1 🗸 | | |
| IKE Port : | 500 | | |
| NAT-T Port : | 4500 |] | |
| IPsec MSS : | 1360 | | |

- 3. VPN and Remote Access >> VPN Profile sayfasına gidin ve aşağıdaki adımları izleyerek bir profil ekleyin.
 - Bir **Profil adı** girin.
 - Enable '1 işaretleyin.
 - For Remote Dial-In User için "Enable" seçin.
 - Local IP / Subnet Mask için routerın LAN IP'sini girin.

| Psec | | | | |
|---------------------------|---------------------|-----------------------------|---------------------------|--|
| Profile : Xauth | | | | |
| Basic Advanced | GRE Propos | sel Multiple SAs | | |
| Auto Dial-Out : | Enable Isable | | | |
| For Remote Dial-In User : | Enable Disable | | | |
| Dial-Out Through : | wan1 | Oefault WAN IP WAN Alias IP | | |
| Failover to : | | v | | |
| Local IP / Subnet Mask : | 192.168.239.0 | 255.255.255.0/24 🗸 | | |
| Local Next Hop : | 0.0.0.0 | (0.0.0.0 : default gateway) | | |
| Remote Host : | 0.0.0.0 | | | |
| Remote IP / Subnet Mask : | 0.0.0.0 | 255.255.255.255/32 ~ | | |
| | 🚯 Add 🗎 Save | | Profile Number Limit : 16 | |
| | IP | Subnet Mask | | |
| More Remote Subnet : | | No items to show. | | |
| | | | | |
| | | | | |
| IKE Protocol : | INEV1 | × . | | |

4. İstemcinin çevrim içi olup olmadığını **VPN and Remote Access** >> **Connection Management** sayfasından kontrol edebilirsiniz.





| N and | I Remote Acc | ess | >> Connection M | lanage | ment >> | Con | nection N | lant | agement | | | | | | | | | | | | | (|
|-------|---------------|-------|-----------------|--------|-----------|-----|-----------|------|-----------------|---|---------|-----|-------------|-----|---------|---|---------|---|--------------------------------|---------------|------------|----|
| Con | nection Manag | jeme | nt History | | | | | | | | | | | | | | | | | | | |
| Dial- | Out tool | | | | | | | | | | | | | | | | | | | | | |
| ۲ | IPsec 🕞 Pf | PTP | SSL Profil | les : | | | | ~ | Connect | ç | Refresh | Aut | o Refresh : | 1 M | inute | | ~ | | Green :Data i White :Data i | is er sn't | encrypted. | Pi |
| 4 | | | | | | | | _ | | _ | | | | _ | | | | | | | | > |
| VPN | Connection | Statu | 25 | | | | | | | | | | | | | | | | | | | |
| | Search | 1 | Search | | Search | 8 | Search | 1 | Search | 1 | Search | 1 | Search | 1 | Search | 8 | Search | 1 | Search | ¢ | | |
| | VPN | - | Туре | | Interface | | Remot. | Ŧ | Virtual Network | | Up Time | | RX Rate | | TX Rate | | RX Byte | | TX Byte | | Operation | * |
| | | | | | | | | | | | | | | | | | | | | | | |

macOS'ta VPN Kurulumu

- 1. System Preferences >> Network'e gidin ve '+''a tıklayın.
 - Interface için "VPN" seçin.
 - VPN Type için "Cisco IPsec" seçin.
 - Bir Service Name girin.
 - Create'e tıklayın.

| 000 | | Network | |
|-------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| Show Al | | | ٩ |
| Ethernet Connected USB-Sentro Not Configured | Select the interface and Interface: VPN VPN Type: Cisc Service Name: Xaut | enter a name for the new se to IPSec th | rvice. |
| PPPoE Not Connected | | Cancel C | Create \$ |
| 802.11 n WLA Not Connected FireWire Not Connected AirPort 2 Off | ∾ ≪ • > | Ask to join nev Known networks wi If no known networ be asked before joi | v networks ill be joined automatically. rks are available, you will ning a new network. |
| + - &- | Show Air to prevent further changes. | rPort status in menu bar Assist me | Advanced ? |

2. Server Address için routerın domain ya da WAN IP girin.

| Show All | Network |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| Snow All Snow All Snow All Connected USB-Sentroller Not Configured Not Connected S02.11 n WLAN Not Connected S02.11 n WLAN Not Connected AirPort 2 Off Xuth Not Connected | Location: Automatic |
| + – &- Click the lock to | Show VPN status in menu bar Advanced ? o prevent further changes. Assist me Revert Apply |





3. Authentication Settings'e tıklayın ve Shared Key'e Pre-shared Key'i girin. Daha sonra OK tıklayın.



4. VPN bağlantısını başlatmak için Connect'e tıklayın.

| ● ○ ○ | Network | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| Show All | | ٩ |
| | Location: Automatic | • |
| Ethernet Connected Xauth Connected USB-Sentroller Not Configured PPPoE Not Connected 802.11 n WLAN Not Connected FireWire Not Connected FireWire Not Connected AirPort 2 Off | Status: Connect Time: IP Address: Server Address: Account Name: Account Name: Password: Image: Password: | Connected 00:00:40 192.168.239.14 VPN.server.com VPNuser Authentication Settings Disconnect |
| + – 🔹 | Show VPN status in Drevent further changes. | n menu bar Advanced ? Assist me Revert Apply |