

# Windows Server 2025 RRAS + L2TP/IPsec + AD ??? ?????

Windows Server 2025 RRAS + L2TP/IPsec + AD  
PPTP VPN AD

---

## ? Windows Server 2025 RRAS + L2TP/IPsec + AD ??? ?????

### 1?? ?????

1. AD `ad.example.com`
  2. VPN Windows Server 2025 AD
  3. IP VPN
  4. VPN CA CA
- 

### 2?? ??????????

VPN

1. Server Manager → Add Roles and Features
  2.
    - Remote Access
    - DirectAccess and VPN (RAS)
    - Routing
  3. Open the Getting Started Wizard
- 

### 3?? ?? RRAS??? VPN?

1. **Server Manager** → **Tools** → **Routing and Remote Access**
  2. → **Configure and Enable Routing and Remote Access**
  3. **Custom configuration** → **VPN access**
  4. **RRAS**
- 

## 4?? ?? L2TP/IPsec

1. **RRAS** → **Security**
    - **Allow custom IPsec policy for L2TP connections**
    - **Pre-Shared Key PSK** **MySecureKey@2025**
  2. **RRAS** → **Properties** → **Security** → **SSL Certificate Binding**
    - **PSK**
- 

## 5?? ?? NPS?? AD ???

1. **Server Manager** → **Tools** → **Network Policy Server (NPS)**
  2. **RADIUS Clients and Servers** → **RADIUS Clients** →
    - **Name:** **RRAS-VPN**
    - **Address:** **127.0.0.1** **VPN** **IP**
    - **Shared secret:** **RRAS**
  3. **Policies** → **Network Policies**
    - **VPN Access**
    - **Windows Groups** → **AD** **VPN\_Users**
    - **Access Granted**
    - **MS-CHAPv2**
- 

## 6?? ? RRAS ??? NPS

1. **RRAS** → **Security**
  2. **Security** → **Authentication provider** **RADIUS Authentication**
  3. **NPS**
    - **Address:** **127.0.0.1**
    - **Shared secret**
-

# 7?? ??????

VPN [ ]

- UDP 500 [ ] IKE [ ]
- UDP 4500 [ ] NAT-T [ ]
- UDP 1701 [ ] L2TP [ ]
- TCP 443 [ ] SSTP [ ]

[ ] IP [ ]

---

# 8?? ??????Windows 10/11?

1. [ ] [ ] → [ ] **Internet** → **VPN** → [ ] **VPN** [ ]
  2. [ ]
    - VPN [ ] Windows ( [ ] )
    - [ ]  [ ]
    - [ ] /IP [ ] IP [ ] FQDN [ ]  [ ]
    - VPN [ ] L2TP/IPsec with pre-shared key
    - [ ] PSK [ ]  [ ]
    - [ ] AD [ ]  /  [ ]
  3. [ ]
- 

# 9?? ??

[ ] AD [ ] / [ ] VPN [ ]  [ ] [ ]

---

# ? ??

- [ ] [ ] PPTP [ ] AD [ ]
  - [ ] [ ] VPN [ ]
  - [ ] **Always On VPN (AOVPN)** [ ]
- 

[ ] **Always On VPN** [ ] **AOVPN** [ ] + **AD** [ ] [ ]  
VPN [ ] L2TP [ ]

---

Updated 25 September 2025 11:32:29 by Admin