

# How to setup Remote access IPsec for Windows 7

Topology:

Win7(PPPoE)-----Internet-----(Static IP) DSR

IPsec client software: NCP version 9.30

DSR firmware version: 1.04B58

Setup:

(1) General.

The screenshot displays the 'General' configuration page for an IPsec policy. The interface includes a sidebar with navigation options: Network Settings, DMZ Setup, VPN Settings, USB Settings, and VLAN Settings. At the top, there are 'Save Settings' and 'Don't Save Settings' buttons. The main configuration area is titled 'General' and contains the following fields:

- Policy Name:** test
- Policy Type:** Auto Policy
- IKE Version:** IKEv1 (selected), IKEv2
- IPsec Mode:** Tunnel Mode
- Select Local Gateway:** Dedicated WAN
- Remote Endpoint:** FQDN, 0.0.0.0
- Enable Mode Config:**
- Enable NetBIOS:**
- Enable RollOver:**
- Protocol:** ESP
- Enable DHCP:**
- Local IP:** Subnet
- Local Start IP Address:** 192.168.10.0
- Local End IP Address:** [Empty field]
- Local Subnet Mask:** 255.255.255.0
- Remote IP:** Any
- Remote Start IP Address:** [Empty field]
- Remote End IP Address:** [Empty field]

(2) Phase 1.

**Phase1(IKE SA Parameters)**

**Exchange Mode:** Main ▾  
**Direction / Type:** Both ▾

**Nat Traversal:**  
**On:**   
**Off:**   
**NAT Keep Alive Frequency (in seconds):** 20

**Local Identifier Type:** Local Wan IP ▾  
**Local Identifier:** 218.210.16.29  
**Remote Identifier Type:** FQDN ▾  
**Remote Identifier:** 0.0.0.0

**Encryption Algorithm:**  
**DES:**   
**3DES:**   
**AES-128:**   
**AES-192:**   
**AES-256:**   
**BLOWFISH:**    
**CAST128:**

**Authentication Algorithm:**  
**MD5:**   
**SHA-1:**   
**SHA2-384:**   
**SHA2-512:**

**Authentication Method:** Pre-shared key ▾  
**Pre-shared key:** 123456789  
**Diffie-Hellman (DH) Group:** Group 2 (1024 bit) ▾  
**SA-Lifetime (sec):** 28800

**Enable Dead Peer Detection:**   
**Detection Period:** 10  
**Reconnect after failure count:** 3  
**Extended Authentication:** None ▾  
**Authentication Type:** User Database ▾  
**Username:**   
**Password:**

SHA2-384:

SHA2-512:

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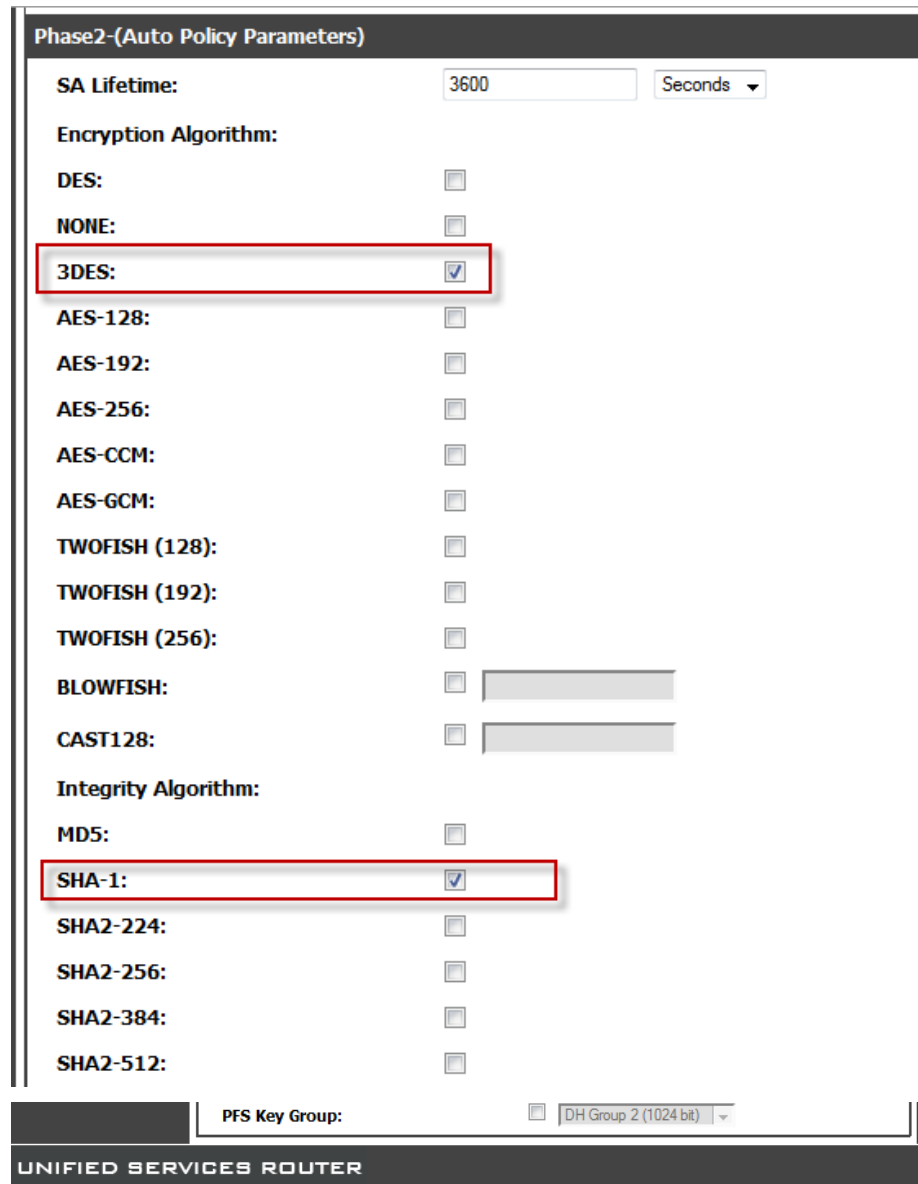
Extended Authentication: None ▾

Authentication Type: User Database ▾

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(3) Phase 2.



(4) NCP work successful.

