



VPN Configuration: NetScreen Firewall and NetScreen Remote Setup

Dial up VPN



Stage 1 Setting up the firewall

This setup will be done for a user 'Dave' please change the user name for anything else you like.

1 Open your web browser and got to your Juniper firewall web interface.

2 Open Objects \hookrightarrow Users \hookrightarrow Local. Then click on a new entry. (Note: if setting up site to site between 2 firewalls, you will need to entre this under 'Addresses' one for internal LAN and one for the external LAN you will be connecting to.)

2.1 Enter a name to define this VPN connection, in this case 'Dave' (easiest thing would be the name of the person who will be connecting or the business)

2.2 Click the box for IKE (Internet Key Exchange) User, and select Simple Identity.

2.3 Leave IKE ID Type at AUTO and in the field IKE Identity put a user name, in this case Dave@Datanet.co.uk (normally an email address). Click OK

Auth/IKE/L2TP/XAuth User

User Name

Status Enable Disable

IKE User Number of Multiple Logins with Same ID

Simple Identity

IKE ID Type IKE Identity

Use Distinguished Name For ID

Authentication User User Password

XAuth User Confirm Password

L2TP User

3 Open VPNs \hookrightarrow AutoKey Advanced \hookrightarrow Gateway. Then click on a new entry.

3.1 Enter Dave (kept the same as above to avoid confusion)

3.2 Now select Dialup User, and on the User drop down menu select Dave.

3.3 In the Preshared Key enter a password. This must be at least 8 characters long and under 256 characters.

Gateway Name

Security Level Standard Compatible Basic Custom

Remote Gateway Type

Static IP Address IP Address/Hostname

Dynamic IP Address Peer ID

Dialup User User Group

Dialup User Group

Preshared Key Use As Seed

Local ID (optional)

Outgoing Interface

4 Now select Advanced

4.1 Select User Defined and drop the top drop down box to pre-g2-3des-sha.

4.2 Change the Mode from Main to Aggressive.

4.3 Enable NAT-Traversal.

4.4 Leave the rest of that page alone and go to the bottom and press Return.

Security Level

Predefined Standard Compatible Basic

User Defined Custom

Phase 1 Proposal

Mode (Initiator) Main (ID Protection) Aggressive

Enable NAT-Traversal

UDP Checksum

Keepalive Frequency Seconds (0~300 Sec)

5 You will now be back in the previous page, now press OK.

5.1 Open VPNs ^L AutoKey IKE. Then click on a new entry.

5.2 Enter Dave as the VPN Name and click Advanced at the bottom.

5.3 Now select Custom and under Phase 2 Proposal in the first drop down menu select nopfs-esp-3des-sha.

5.4 Now press Return, this brings you to the previous page, now press OK at the bottom

Security Level

Predefined Standard Compatible Basic

User Defined Custom

Phase 2 Proposal

nops-esp-3des-sha	None
None	None

6 Open Policies from the left hand bar.

6.1 At the top select From Untrusted and To Trusted from the drop down menu and click New

6.2 In Name put Daves VPN.

6.3 Under Source Address select Dial-UP VPN from the drop down bar.

6.4 Under Destination Address select Local LAN from the drop down bar.

6.5 In the Action drop down select Tunnel.

6.6 From the Tunnel VPN drop down menu select Dave.

6.7 Click OK.

Name (optional) Daves VPN

Source Address New Address Address Book Entry Dial-Up VPN Multiple

Destination Address New Address Address Book Entry Local LAN Multiple

Service ANY Multiple

Application None

Action Tunnel Deep Inspection

Antivirus Objects Attached AV Object Names Available AV Object Names

Tunnel VPN Dave Modify matching bidirectional VPN policy

L2TP None

Logging

Position at Top

OK Cancel Advanced

The VPN is now set up on the Firewall, please refer to Netscreen Remote setup document for the end