RV130和RV130W上的基本VPN設定

目標

虛擬專用網路(VPN)通常被企業用作擴展企業網路內部網的一種方式，企業網路內部網是專為公司員工設計的站點。VPN是在公共網路基礎設施內構建的專用網路。在典型的小型企業環境中，VPN可以擴展地理連線，降低與傳統廣域網(WAN)相比的運營成本，並提高員工工作流程的工作效率。

Basic VPN Setup（基本VPN設定）頁面允許您與其他位置網關裝置輕鬆設定網關到網關VPN隧道。VPN隧道還允許遠端使用者使用VPN客戶端軟體訪問路由器的區域網(LAN)網路。

附註：RV130和RV130W支援第三方IPSec VPN軟體。有關詳細資訊，請參閱產品管理指南。

本文檔的目的是解釋如何在RV130裝置上配置基本VPN。

適用裝置 |韌體版本

- RV130 | 1.0.3.28版(下載最新版)
- RV130W | 1.0.3.28版(下載最新版)

檢視預設VPN設定

步驟1.使用路由器配置實用程式選擇VPN > Site-to-Site IPSec VPN > Basic VPN Setup。*Basic VPN Setup*頁面開啟：

Basic VPN Setup

About Basic VPN Setup

The basic VPN setup sets most parameters to defaults as proposed by the VPN Consortium (VPNC),
and assumes a Pre-shared Key, which greatly simplifies setup. After creating the policies through the Basic VPN Setup,
you can always update the parameters through the Policies menu

[View Default Settings]

Connection Name and Remote IP Type

New Connection Name: [   ]

Pre-Shared Key: [   ]

Endpoint Information

Remote Endpoint: [IP Address ▼]

Remote WAN (Internet) IP Address: [   ] (Hint: 1.2.3.4 or abc.com)

Secure Connection Remote Accessibility

Remote LAN (Local Network) IP Address: [   ] (Hint: 1.2.3.4)

Remote LAN (Local Network) Subnet Mask: [   ] (Hint: 255.255.255.0)

Local LAN (Local Network) IP Address: [   ] (Hint: 1.2.3.4)

Local LAN (Local Network) Subnet Mask: [   ] (Hint: 255.255.255.0)

[Save]   [Cancel]

步驟2.按一下View Default Settings按鈕檢視基本VPN設定的預設值。

Basic VPN Setup

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[View Default Settings]

Connection Name and Remote IP Type

New Connection Name: [   ]

Pre-Shared Key: [   ]

Endpoint Information

Remote Endpoint: IP Address ▾

Remote WAN (Internet) IP Address: [   ]   (Hint: 1.2.3.4 or abc.com)

Secure Connection Remote Accessibility

Remote LAN (Local Network) IP Address: [   ]   (Hint: 1.2.3.4)

Remote LAN (Local Network) Subnet Mask: [   ]   (Hint: 255.255.255.0)

Local LAN (Local Network) IP Address: [   ]   (Hint: 1.2.3.4)

Local LAN (Local Network) Subnet Mask: [   ]   (Hint: 255.255.255.0)

[Save]   [Cancel]

「基本*VPN設定*」頁面顯示預設設定：

Basic VPN Setup

Basic VPN Setup Default Values for IKE

Exchange Mode:	Main
Local WAN (Internet) ID:	Local WAN (Internet) IP Address
Remote WAN (Internet) ID:	Remote WAN (Internet) IP Address
Encryption Algorithm:	AES-128
Authentication Algorithm:	MD5
Authentication Method:	Pre-Shared Key
Diffie-Hellman (DH) Group:	Group2 (1024 bit)
SA-Lifetime:	8 Hours

Basic VPN Setup Default Values for VPN

Encryption Algorithm:	AES-128
Integrity Algorithm:	MD5
SA-Lifetime:	1 Hours
PFS Key Group:	Group 2(1024 bit)

Back

步驟3.按一下**Back**按鈕返回到*Basic VPN Setup*視窗。

Basic VPN Setup

Basic VPN Setup Default Values for IKE

Exchange Mode:	Main
Local WAN (Internet) ID:	Local WAN (Internet) IP Address
Remote WAN (Internet) ID:	Remote WAN (Internet) IP Address
Encryption Algorithm:	AES-128
Authentication Algorithm:	MD5
Authentication Method:	Pre-Shared Key
Diffie-Hellman (DH) Group:	Group2 (1024 bit)
SA-Lifetime:	8 Hours

Basic VPN Setup Default Values for VPN

Encryption Algorithm:	AES-128
Integrity Algorithm:	MD5
SA-Lifetime:	1 Hours
PFS Key Group:	Group 2(1024 bit)

Back

基本VPN設定

步驟1.使用路由器配置實用程**序選擇**VPN >**站點到站點**IPSec VPN >**基本VPN設定**。*Basic VPN Setup*頁面開啟：

Basic VPN Setup

About Basic VPN Setup

The basic VPN setup sets most parameters to defaults as proposed by the VPN Consortium (VPNC), and assumes a Pre-shared Key, which greatly simplifies setup. After creating the policies through the Basic VPN Setup, you can always update the parameters through the Policies menu

[View Default Settings]

Connection Name and Remote IP Type

New Connection Name: [   ]

Pre-Shared Key: [   ]

Endpoint Information

Remote Endpoint: [IP Address ▾]

Remote WAN (Internet) IP Address: [   ]   (Hint: 1.2.3.4 or abc.com)

Secure Connection Remote Accessibility

Remote LAN (Local Network) IP Address: [   ]   (Hint: 1.2.3.4)

Remote LAN (Local Network) Subnet Mask: [   ]   (Hint: 255.255.255.0)

Local LAN (Local Network) IP Address: [   ]   (Hint: 1.2.3.4)

Local LAN (Local Network) Subnet Mask: [   ]   (Hint: 255.255.255.0)

[Save]   [Cancel]

步驟2.在*New Connection Name*（新連線名稱）欄位中輸入連線名稱。此名稱將用於管理，對VPN的操作沒有影響。

Basic VPN Setup

About Basic VPN Setup

The basic VPN setup sets most parameters to defaults as proposed by the VPN Consortium (VPNC),
and assumes a Pre-shared Key, which greatly simplifies setup. After creating the policies through the Basic VPN Setup,
you can always update the parameters through the Policies menu

[View Default Settings]

Connection Name and Remote IP Type

New Connection Name: [cisco_sb]

Pre-Shared Key: [   ]

Endpoint Information

Remote Endpoint: [IP Address ▼]

Remote WAN (Internet) IP Address: [   ]   (Hint: 1.2.3.4 or abc.com)

Secure Connection Remote Accessibility

Remote LAN (Local Network) IP Address: [   ]   (Hint: 1.2.3.4)

Remote LAN (Local Network) Subnet Mask: [   ]   (Hint: 255.255.255.0)

Local LAN (Local Network) IP Address: [   ]   (Hint: 1.2.3.4)

Local LAN (Local Network) Subnet Mask: [   ]   (Hint: 255.255.255.0)

[Save]   [Cancel]

步驟3.在*Pre-Shared Key*欄位中輸入*預共用密鑰*。VPN客戶端或網關需要此金鑰才能建立VPN連線
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Basic VPN Setup

About Basic VPN Setup

The basic VPN setup sets most parameters to defaults as proposed by the VPN Consortium (VPNC), and assumes a Pre-shared Key, which greatly simplifies setup. After creating the policies through the Basic VPN Setup, you can always update the parameters through the Policies menu

[View Default Settings]

Connection Name and Remote IP Type

New Connection Name: cisco_sb

Pre-Shared Key: password1

Endpoint Information

Remote Endpoint: IP Address ▾

Remote WAN (Internet) IP Address: _____   (Hint: 1.2.3.4 or abc.com)

Secure Connection Remote Accessibility

Remote LAN (Local Network) IP Address: _____   (Hint: 1.2.3.4)

Remote LAN (Local Network) Subnet Mask: _____   (Hint: 255.255.255.0)

Local LAN (Local Network) IP Address: _____   (Hint: 1.2.3.4)

Local LAN (Local Network) Subnet Mask: _____   (Hint: 255.255.255.0)

[Save]   [Cancel]

步驟4.在「*Remote Endpoint*」下拉選單中，選擇**IP Address**或**FQDN**作為遠端網關用於建立連線的地址型別。

可用選項定義如下：

- IP地址 — 由句點分隔的唯一數字字串，用於標識使用Internet協定通過網路進行通訊的每台電腦。
- FQDN（完全限定域名） — Internet、特定電腦或特定主機的完整域名。FQDN由兩部分組成：主機名和域名。例如，假設郵件伺服器的FQDN可能是*mymail.companyname.org*。主機名為*mymail*，主機位於域*companyname.org*中。

步驟5.根據您在步驟4中所做的選擇，在*Remote WAN(Internet)IP Address*欄位中輸入IP地址或*FQDN*。

Basic VPN Setup

About Basic VPN Setup

The basic VPN setup sets most parameters to defaults as proposed by the VPN Consortium (VPNC), and assumes a Pre-shared Key, which greatly simplifies setup. After creating the policies through the Basic VPN Setup, you can always update the parameters through the Policies menu

[View Default Settings]

Connection Name and Remote IP Type

New Connection Name: cisco_sb

Pre-Shared Key: password1

Endpoint Information

Remote Endpoint: IP Address ▾

Remote WAN (Internet) IP Address: [▨▨▨▨]   (Hint: 1.2.3.4 or abc.com)

Secure Connection Remote Accessibility

Remote LAN (Local Network) IP Address: (Hint: 1.2.3.4)

Remote LAN (Local Network) Subnet Mask: (Hint: 255.255.255.0)

Local LAN (Local Network) IP Address: (Hint: 1.2.3.4)

Local LAN (Local Network) Subnet Mask: (Hint: 255.255.255.0)

[Save]   [Cancel]

步驟6.在Remote LAN(Local Network)IP Address和Remote LAN(Local Network)Subnet Mask欄位中輸入遠端LAN的IP地址和子網掩碼。

Basic VPN Setup

About Basic VPN Setup

The basic VPN setup sets most parameters to defaults as proposed by the VPN Consortium (VPNC), and assumes a Pre-shared Key, which greatly simplifies setup. After creating the policies through the Basic VPN Setup, you can always update the parameters through the Policies menu

[View Default Settings]

Connection Name and Remote IP Type

New Connection Name: cisco_sb

Pre-Shared Key: password1

Endpoint Information

Remote Endpoint: IP Address ▼

Remote WAN (Internet) IP Address: 1.2.3.4   (Hint: 1.2.3.4 or abc.com)

Secure Connection Remote Accessibility

Remote LAN (Local Network) IP Address: 192.168.2.100   (Hint: 1.2.3.4)

Remote LAN (Local Network) Subnet Mask: 255.255.255.0   (Hint: 255.255.255.0)

Local LAN (Local Network) IP Address: (Hint: 1.2.3.4)

Local LAN (Local Network) Subnet Mask: (Hint: 255.255.255.0)

[Save]   [Cancel]

步驟7.在*Local LAN(Local Network)IP Address*和*Local LAN(Local Network)Subnet Mask*欄位中輸入本地LAN的IP地址和子網掩碼。

Basic VPN Setup

About Basic VPN Setup

The basic VPN setup sets most parameters to defaults as proposed by the VPN Consortium (VPNC), and assumes a Pre-shared Key, which greatly simplifies setup. After creating the policies through the Basic VPN Setup, you can always update the parameters through the Policies menu

[View Default Settings]

Connection Name and Remote IP Type

New Connection Name: cisco_sb

Pre-Shared Key: password1

Endpoint Information

Remote Endpoint: IP Address ▼

Remote WAN (Internet) IP Address: 1.2.3.4   (Hint: 1.2.3.4 or abc.com)

Secure Connection Remote Accessibility

Remote LAN (Local Network) IP Address: 192.168.2.100   (Hint: 1.2.3.4)

Remote LAN (Local Network) Subnet Mask: 255.255.255.0   (Hint: 255.255.255.0)

Local LAN (Local Network) IP Address: 192.168.8.100   (Hint: 1.2.3.4)

Local LAN (Local Network) Subnet Mask: 255.255.255.255   (Hint: 255.255.255.0)

[Save]   [Cancel]

步驟8.按一下**Save**以儲存設定。

Basic VPN Setup

About Basic VPN Setup

The basic VPN setup sets most parameters to defaults as proposed by the VPN Consortium (VPNC), and assumes a Pre-shared Key, which greatly simplifies setup. After creating the policies through the Basic VPN Setup, you can always update the parameters through the Policies menu

[View Default Settings]

Connection Name and Remote IP Type

New Connection Name: `cisco_sb`

Pre-Shared Key: `password1`

Endpoint Information

Remote Endpoint: `IP Address ▾`

Remote WAN (Internet) IP Address: `1.2.3.4`   (Hint: 1.2.3.4 or abc.com)

Secure Connection Remote Accessibility

Remote LAN (Local Network) IP Address: `192.168.2.100`   (Hint: 1.2.3.4)

Remote LAN (Local Network) Subnet Mask: `255.255.255.0`   (Hint: 255.255.255.0)

Local LAN (Local Network) IP Address: `192.168.8.100`   (Hint: 1.2.3.4)

Local LAN (Local Network) Subnet Mask: `255.255.255.255`   (Hint: 255.255.255.0)

[**Save**]   [Cancel]

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