

Configuración básica de VPN en RV130 y RV130W

Objetivo

Las empresas utilizan a menudo una red privada virtual (VPN) como medio para ampliar las intranets de la red corporativa, que son sitios diseñados únicamente para su uso por parte de los empleados de la empresa. Una VPN es una red privada construida dentro de una infraestructura de red pública. En un entorno típico de pequeña empresa, las VPN pueden ampliar la conectividad geográfica, reducir los costes operativos en comparación con las redes de área extensa (WAN) tradicionales y mejorar la productividad en el flujo de trabajo de los empleados.

La página Basic VPN Setup (Configuración básica de VPN) le permite configurar fácilmente un túnel VPN de puerta de enlace a puerta de enlace con otros dispositivos de puerta de enlace de ubicación. El túnel VPN también permite a los usuarios remotos acceder a la red de área local (LAN) del router mediante el software de cliente VPN.

Nota: Los modelos RV130 y RV130W admiten software VPN IPSec de terceros. Para obtener más información, consulte la guía de administración del producto.

El objetivo de este documento es explicar cómo configurar la VPN básica en los dispositivos RV130.

Dispositivos aplicables | Versión de firmware

- RV130 | V 1.0.3.28 ([Descargar la última versión](#))
- RV130W | V 1.0.3.28 ([Descargar la última versión](#))

Ver configuración predeterminada de VPN

Paso 1. Utilice la utilidad de configuración del router para elegir **VPN > VPN IPSec de sitio a sitio > Configuración VPN básica**. Se abre la página *Basic VPN Setup*:

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:

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](#)

Paso 2. Haga clic en el botón **View Default Settings** para ver los valores predeterminados establecidos por Basic VPN.

Basic VPN Setup

About 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:

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

La página *Basic VPN Setup* (*Configuración básica de VPN*) muestra los parámetros predeterminados:

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

Paso 3. Haga clic en el botón **Back** para volver a la ventana *Basic VPN Setup*.

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

Configuración básica de VPN

Paso 1. Utilice la utilidad de configuración del router para seleccionar **VPN > VPN IPSec de sitio a sitio > Configuración VPN básica**. Se abre la página *Basic VPN Setup*:

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:

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](#)

Paso 2. Introduzca un nombre de conexión en el campo *Nuevo Nombre de Conexión*. Este nombre se utilizará para fines de administración y no afecta al funcionamiento de la VPN.

Basic VPN Setup

About Basic VPN Setup

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[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

Paso 3. Introduzca una clave previamente compartida en el campo *Pre-Shared Key (Clave precompartida)*. Un cliente o una puerta de enlace VPN necesita esta clave para establecer una conexión VPN.

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:

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](#)

Paso 4. En la lista desplegable *Remote Endpoint*, elija **IP Address** o **FQDN** para el tipo de dirección que utilizará el gateway remoto para establecer una conexión.

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:

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](#)

Las opciones disponibles se definen de la siguiente manera:

- Dirección IP: cadena exclusiva de números separados por puntos que identifica cada máquina que utiliza el protocolo de Internet para comunicarse a través de una red.
- FQDN (nombre de dominio completo): nombre de dominio completo para Internet, un equipo específico o un host específico. El FQDN consta de dos partes: el nombre de host y el nombre de dominio. Por ejemplo, un FQDN para un servidor de correo hipotético podría ser *mymail.nombreempresa.org*. El nombre de host es *mymail*, y el host se encuentra dentro del dominio *nombreempresa.org*.

Paso 5. Introduzca la dirección IP o FQDN, según la selección realizada en el paso 4, en el campo *Dirección IP de WAN remota (Internet)*.

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[View Default Settings](#)

Connection Name and Remote IP Type

New Connection Name:

Pre-Shared Key:

Endpoint Information

Remote Endpoint:

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](#)

Paso 6. Introduzca la dirección IP y la máscara de subred de la LAN remota en los campos *Dirección IP de LAN remota (red local)* y *Máscara de subred de LAN remota (red local)*.

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:

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](#)

Paso 7. Introduzca la dirección IP y la máscara de subred de la LAN local en los campos *Dirección IP de la LAN local (red local)* y *Máscara de subred de la LAN local (red local)*.

Basic VPN Setup

About 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:

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](#)

Paso 8. Haga clic en **Guardar** para guardar la configuración.

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:

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)

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