

# Configuração VPN básica no RV130 e RV130W

## Objetivo

Uma Rede Privada Virtual (VPN) é frequentemente usada pelas empresas como um meio de estender as intranets da rede corporativa, que são sites projetados para uso apenas pelos funcionários da empresa. Uma VPN é uma rede privada construída em uma infraestrutura de rede pública. Em um ambiente típico de pequenas empresas, as VPNs podem estender a conectividade geográfica, reduzir os custos operacionais em relação às redes de longa distância (WANs) tradicionais e melhorar a produtividade no fluxo de trabalho dos funcionários.

A página Basic VPN Setup permite configurar facilmente um túnel VPN de Gateway para Gateway com outros dispositivos de Gateway do local. O túnel VPN também permite que usuários remotos acessem a rede de rede local (LAN) do roteador usando o software cliente VPN.

**Note:** O RV130 e o RV130W suportam o software IPSec VPN de terceiros. Para obter mais informações, consulte o guia de administração do produto.

O objetivo deste documento é explicar como configurar a VPN básica em dispositivos RV130.

## Dispositivos aplicáveis | Versão do firmware

- RV130 | V 1.0.3.28 ([Download mais recente](#))
- RV130W | V 1.0.3.28 ([Download mais recente](#))

## Exibir configurações de VPN padrão

Etapa 1. Use o utilitário de configuração do roteador para escolher **VPN > Site-to-Site IPSec VPN > Basic VPN Setup**. A página *Basic VPN Setup* é aberta:

## 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](#)

Etapa 2. Clique no botão **View Default Settings** para ver os valores padrão definidos pela VPN básica.

## 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

A página *Basic VPN Setup* exibe as configurações padrão:

## 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) |

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Etapa 3. Clique no botão **Back** para voltar à janela *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) |

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## Configuração básica de VPN

Etapa 1. Use o utilitário de configuração do roteador para escolher **VPN > VPN IPSec site a site > Configuração básica de VPN**. A página *Basic VPN Setup* é aberta:

**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](#)

Etapa 2. Insira um nome de conexão no campo *New Connection Name*. Esse nome será usado para fins de gerenciamento e não tem impacto na operação da 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

Etapa 3. Insira uma chave pré-compartilhada no *campo Pre-Shared Key*. Essa chave é necessária por um VPN Client ou Gateway para estabelecer uma conexão 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](#)

Etapa 4. Na lista suspensa *Remote Endpoint*, escolha **IP Address** ou **FQDN** para o tipo de endereço que o gateway remoto usará para estabelecer uma conexão.

## 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](#)

As opções disponíveis são definidas da seguinte forma:

- Endereço IP - Uma sequência exclusiva de números separados por pontos que identifica cada máquina que usa o Internet Protocol para se comunicar em uma rede.
- FQDN (Fully Qualified Domain Name, Nome de domínio totalmente qualificado) - O nome de domínio completo da Internet, de um computador específico ou de um host específico. O FQDN consiste em duas partes: o nome do host e o nome do domínio. Por exemplo, um FQDN para um servidor de e-mail hipotético pode ser *mymail.nomedaempresa.org*. O nome do host é *mymail*, e o host está localizado dentro do domínio *nomedaempresa.org*.

Etapa 5. Insira o endereço IP ou FQDN, dependendo da sua seleção na etapa 4, no campo *Remote WANs (Internet) IP Address*.

## 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](#)

Etapa 6. Insira o endereço IP e a máscara de sub-rede da LAN remota nos campos *Endereço IP da LAN remota (rede local)* e *Máscara de sub-rede da LAN remota (rede 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](#)

Etapa 7. Insira o endereço IP e a máscara de sub-rede da LAN local nos campos *Local LAN (Local Network) IP Address* e *Local LAN (Local Network) Subnet Mask*.

## 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](#)

Etapa 8. Clique em **Save** (Salvar) para salvar as configurações.

## 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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