

RV130 및 RV130W에서 기본 VPN 설정

목표

VPN(Virtual Private Network)은 기업 네트워크 인트라넷을 확장하는 수단으로 기업에서 자주 사용되며, 이는 회사 직원만 사용하도록 설계된 사이트입니다. VPN은 공용 네트워크 인프라 내에 구축된 사설 네트워크입니다. 일반적인 중소기업 환경에서 VPN은 지리적 연결을 확장하고, 기존 WAN(Wide Area Network)에 비해 운영 비용을 줄이고, 직원 워크플로의 생산성을 향상시킬 수 있습니다.

Basic VPN Setup(기본 VPN 설정) 페이지에서는 다른 위치 게이트웨이 장치와 게이트웨이 간 VPN 터널을 쉽게 설정할 수 있습니다. 또한 VPN 터널을 통해 원격 사용자는 VPN 클라이언트 소프트웨어를 사용하여 라우터의 LAN(Local Area Network) 네트워크에 액세스할 수 있습니다.

참고: RV130 및 RV130W는 서드파티 IPSec VPN 소프트웨어를 지원합니다. 자세한 내용은 제품 관리 가이드를 참조하십시오.

이 문서의 목적은 RV130 디바이스에서 기본 VPN을 구성하는 방법을 설명하는 것입니다.

적용 가능한 장치 | 펌웨어 버전

- RV130 | V 1.0.3.28([최신 다운로드](#))
- RV130W | V 1.0.3.28([최신 다운로드](#))

기본 VPN 설정 보기

1단계. 라우터 컨피그레이션 유틸리티를 사용하여 **VPN > Site-to-Site IPSec VPN > Basic VPN Setup**을 선택합니다. Basic VPN Setup(기본 VPN 설정) 페이지가 열립니다.

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](#)

2단계. Basic VPN에서 **설정된 기본값**을 보려면 View Default Settings(기본 설정 보기) 버튼을 클릭합니다.

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

Basic VPN Setup(기본 VPN 설정) 페이지에는 기본 설정이 표시됩니다.

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

3단계. **Back(뒤로)** 버튼을 클릭하여 *Basic VPN Setup(기본 VPN 설정)* 창으로 돌아갑니다.

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

기본 VPN 설정

1단계. 라우터 컨피그레이션 유틸리티를 사용하여 VPN > Site-to-Site IPSec VPN > Basic VPN Setup을 선택합니다. Basic VPN Setup(기본 VPN 설정) 페이지가 열립니다.

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](#)

2단계. 신규 접속 이름 필드에 접속 이름을 입력합니다. 이 이름은 관리 목적으로 사용되며 VPN 운영에 영향을 주지 않습니다.

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

3단계. 사전 공유 키 필드에 *사전 공유 키*를 입력합니다. VPN 연결을 설정하려면 VPN 클라이언트 또는 게이트웨이에 이 키가 필요합니다.

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](#)

4단계. Remote Endpoint(원격 엔드포인트) 드롭다운 목록에서 원격 게이트웨이가 연결 설정에 사용할 주소 유형에 대해 IP Address(IP 주소) 또는 FQDN을 선택합니다.

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](#)

사용 가능한 옵션은 다음과 같이 정의됩니다.

- IP Address(IP 주소) - 네트워크를 통해 통신하는 인터넷 프로토콜을 사용하여 각 시스템을 식별하는 고유한 숫자 문자열입니다.
- FQDN(Fully Qualified Domain Name) - 인터넷, 특정 컴퓨터 또는 특정 호스트의 전체 도메인 이름입니다. FQDN은 두 부분으로 구성됩니다. 호스트 이름 및 도메인 이름 예를 들어 가상 메일 서버의 FQDN은 *mymail.companyname.org*일 수 있습니다. 호스트 이름은 *mymail*이며, 호스트는 도메인 *companyname.org* 내에 있습니다.

5단계. 4단계에서 선택한 사항에 따라 IP 주소 또는 FQDN을 *Remote WANs (Internet) IP Address(원격 WAN(인터넷) IP 주소)* 필드에 입력합니다.

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](#)

6단계. Remote LAN (Local Network) IP Address(원격 LAN(로컬 네트워크) IP Address(IP 주소) 및 Remote LAN (Local Network) Subnet Mask(원격 LAN(로컬 네트워크) 서브넷 마스크) 필드에 원격 LAN의 IP 주소와 서브넷 마스크를 입력합니다.

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](#)

7단계. Local LAN (Local Network) IP Address(로컬 네트워크) IP Address(로컬 LAN(로컬 네트워크) IP 주소) 및 Local LAN (Local Network) Subnet Mask(로컬 LAN(로컬 네트워크) 서브넷 마스크) 필드에 로컬 LAN의 IP 주소 및 서브넷 마스크를 입력합니다.

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](#)

8단계. 저장을 클릭하여 설정을 저장합니다.

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)

이 문서 관련 비디오 보기...

[Cisco의 다른 기술 상담을 보려면 여기를 클릭하십시오.](#)

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