

VPN

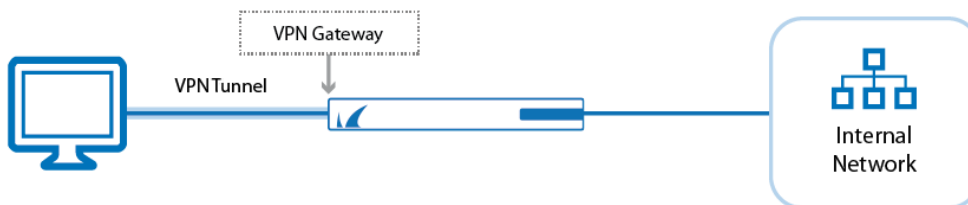
<https://campus.barracuda.com/doc/79462820/>

VPN offers a secure, efficient, and economical way to connect physically separate networks and to let users access corporate network resources from a remote location.

The Barracuda CloudGen Firewall provides three types of VPN services:

- **Client-to-Site VPN** - Lets remote users access the corporate network with VPN clients and mobile devices.
- **Site-to-Site VPN** - Securely and transparently connects remote locations with your network.
- **SSL VPN** - Lets remote users access corporate resources over a secure web interface without the need of configuring a VPN client.

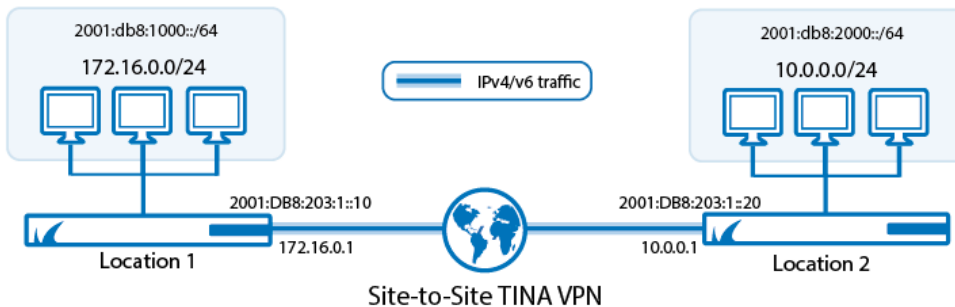
Client-to-Site VPN



Client-to-Site VPN offers users access to the corporate network from a remote location over a secure tunnel connection. Clients authenticate by user/password and/or X.509 certificates. Depending on the VPN client device, the CloudGen Firewall supports TINA or IPsec VPN protocols.

For more information, see [Client-to-Site VPN](#).

Site-to-Site VPN



Site-to-Site VPNs establish secure connections between two locations over a public network such as the Internet. The proprietary TINA protocol offers intelligent traffic management capabilities using SD-WAN, WAN Optimization, and on-the-fly traffic shaping. For connectivity with third-party VPN gateways, it is also possible to create Site-to-Site VPN connections using IPsec.

For more information, see [Site-to-Site VPN](#).

SSL VPN

SSL VPN grants users secure SSL/TLS-encrypted access to internal corporate resources and applications through a customizable web interface without the need of installing or configuring a VPN client. SSL VPN supports centralized authentication, authorization, and content inspection. Server and application URLs are translated into a URL namespace, making resources accessible via a single hostname.

For more information, see [SSL VPN](#).

Remote Access Clients

The remote access client you need depends on the type of VPN and resource you are using. For SSL VPN, you need either CudaLaunch or a browser, depending on the resource. For Client-to-Site VPN, you need the Barracuda VPN or Network Access Client, a native VPN client integrated in the operating system, or CudaLaunch for Android devices. CudaLaunch on iOS manages the native IPsec VPN client.

For more information, see [Remote Access Clients](#).

Figures

1. c2s_vpn.png
2. s_to_s_ipv6_tina1.png

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