

# OpenVPN® on EN™ Routers

## Reference Manual

A virtual private network (VPN) encrypts communication between endpoints of a connection. Only the endpoint devices can read information transmitted over the VPN connection. Entities outside the connection (including other devices that support the connection) cannot read information sent across the VPN.

VPNs support secure communication. All EN™ routers can use IPsec VPNs. The EN-1000™, EN-2000™, and EN4000-IE™ routers can also use OpenVPN® for secure connections.<sup>1</sup>

OpenVPN® is relatively quick to install and easy to configure.

### List of Documents

The *Reference Manual for OpenVPN® on EN™ Routers* contains the following documents:

- [Installing Software for the OpenVPN® Certificate Authority](#)
- [Navigating to OpenVPN® Directories](#)
- [Developing the OpenVPN® Certificate Authority](#)
- [Generating Certificates for OpenVPN® Connections](#)
- [Configuring EN™ Routers for OpenVPN®](#)
- [Revoking OpenVPN® Certificates](#)
- [Troubleshooting Preparation of OpenVPN® Certificates](#)

For more detail, see the [Table of Contents for OpenVPN® on EN™ Routers](#).

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1. OpenVPN® uses transport layer security (TLS, successor to secure socket layers, SSL). For information about VPNs that use IP security (IPsec), see one of the following documents:

- [Configuring IPsec VPNs in the EN-1000™](#)
- [Configuring IPsec VPNs in the EN-2000™](#)
- [The EN-4000™ in IPsec Virtual Private Networks](#)

## Notes

The OpenWrt project (<https://www.openwrt.org/>) is the developer of OpenVPN®.

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- <https://openwrt.org/trademark>
- <https://openvpn.net/terms/>

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Persistent efforts have been made to provide accurate information. All material is covered by the statements at <https://www.encorenetworks.com/disclaimer/>.

## Additional Information

Extensive information about OpenVPN® is at <https://openvpn.net/>.

For additional information on installing and using OpenVPN®, see the following:

- <https://openvpn.net/vpn-server-resources/getting-started/>
- <https://community.openvpn.net/openvpn/wiki/HOWTO>

For additional information about OpenVPN® certificate authority and generation of certificates, see the following site:

- <https://openvpn.net/community-resources/setting-up-your-own-certificate-authority-ca/>

For general information about the OpenVPN project, see the following site:

- <https://openvpn.net/community/>

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