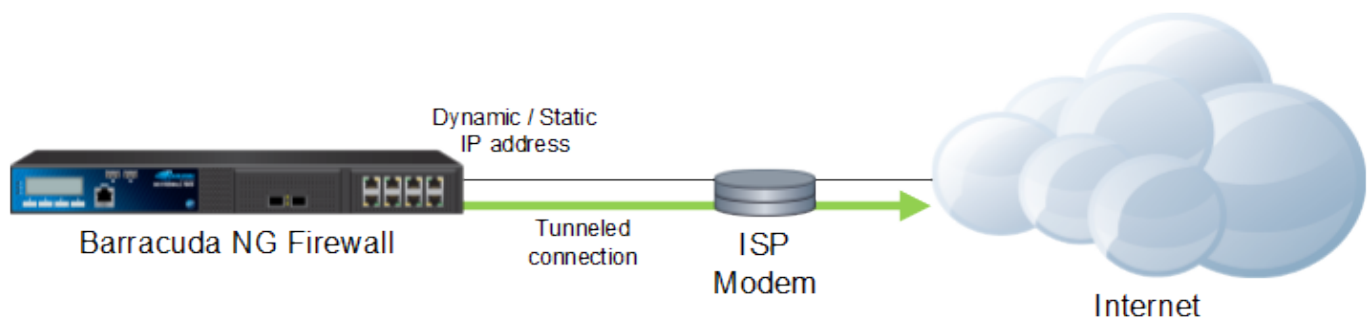


How to Configure an ISP with xDSL

<https://campus.barracuda.com/doc/41116422/>An xDSL connection is a tunneled connection using Point-to-Point Protocol over Ethernet (PPPoE) or Point-to-Point Tunneling Protocol (PPTP), depending on your ISP. The Barracuda NG Firewall can handle up to four xDSL connections. The WAN IP address assigned by the ISP can be dynamic or static, depending on your ISP.



Before you Begin

- To use Dynamic DNS, you must have an active account at www.dyndns.org. For more information on DynDNS, see <http://dyn.com/dns/>.
- To use the xDSL connection as part of a PPP multilink bundle, your ISP must support PPP multilink connections.
- If your ISP supports synchronous PPP mode, using it can result in higher PPP performance. The performance gain is achieved only in some cases and depends on your and your ISPs setup.
Enabling synchronous PPP without support of the remote server causes an unstable connection and massive performance loss.

Configuring an ISP with xDSL

Configure an xDSL connection using PPPoE or PPTP as the tunneling protocol, depending on your ISP:

- [How to Configure an ISP with xDSL using PPPoE](#)
- [How to Configure an ISP with xDSL using PPTP](#)

Figures

1. xdsl_wan.png

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