Networking

https://campus.barracuda.com/doc/13306687/
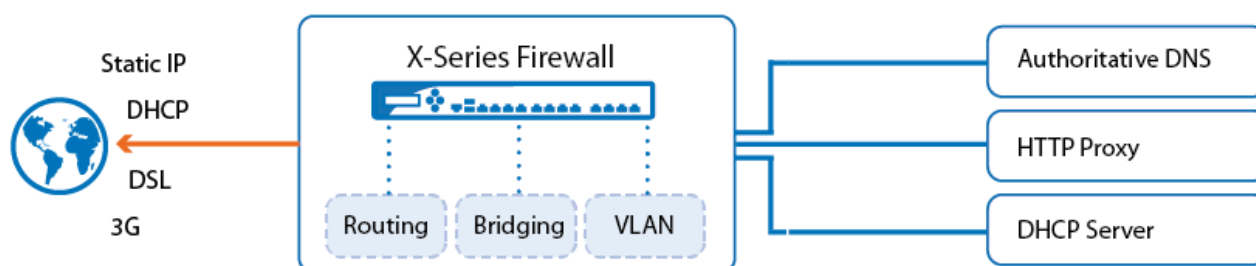
From the **NETWORK** tab, you can view and configure the following basic network, connectivity, and service settings:

Management IP Address, DNS, Static and Dynamic Interfaces, and Wi-Fi

On the **NETWORK > IP Configuration** page, you can view a list of each network interface (static, dynamic and virtual) that has been configured for the Barracuda NextGen Firewall X-Series. You can also configure the following basic network configurations:

IP Configuration	Description	Article
Management IP Address	The management IP address is used to administer and configure the firewall from a web browser.	Getting Started with the Barracuda Firewall
DNS Servers	The primary and secondary DNS server. You can also cache the DNS responses to speed up DNS queries.	Getting Started with the Barracuda Firewall
Static Interface	Static interfaces for static IP addresses and networks.	How to Configure Static Network Interfaces
Dynamic Interface	Dynamic interfaces for DSL, DHCP, or 3G.	How to Configure WAN Interfaces
Virtual Interface	Virtual interfaces for VLANs. You must use properly configured 802.1q capable switches.	How to Configure a VLAN
Wi-Fi Link	If available for your model, you can create up to three different Wi-Fi networks.	How to Configure Wi-Fi
3G Network Interface	With a Barracuda M10 3G/UMTS USB modem, you can configure 3G connectivity.	How to Configure a 3G Dial-In Connection

Network Routes

On the **NETWORK > Routing** page, you can add static routes. For more information, see How to Configure a Static Route.

On the **Routing** page, you can also view the following tables for a list of network routes and network interfaces for the NextGen Firewall X-Series:

Table	Description
Network Routes	This table contains all the routing information sorted by routing table. Routing information is processed from top to bottom.
Network Interfaces	This table contains all interfaces, their current state visualized by a graphical icon, and the IP addresses assigned to the interface.

Interface Groups

On the **NETWORK > Interface Groups** page, you can organize multiple interfaces belonging to the same network in interface groups. In firewall rules, the interface group specifies the source address that the interface is allowed to use.

For more information on interface groups, see How to Create Interface Groups.

Bridges

To transparently connect two networks, you can configure a bridge. For more information, see How to Configure a Bridge.

DHCP Server

Every X-Series Firewall can act as a DHCP server. You can configure DHCP servers on a per-network basis. For more information, see How to Configure the DHCP Server.

Authoritative DNS

You can configure a split level and authoritative DNS server. For more information, see Authoritative and Caching DNS.

Proxy

To free the local firewall capabilities of the X-Series Firewall, you can use the cloud resources of the Barracuda Web Security Service to intercept and scan all HTTP and HTTPS traffic for malware. To use this service, you must have an additional Barracuda Web Security subscription. You must also be connected to the Barracuda Cloud Control.

If you already have an ICP-enabled proxy server running in your network, see How to Configure a Forward Proxy.

Figures

1. net_overview.png