Advanced Networking

https://campus.barracuda.com/doc/3476/

Port Forwarding

If your organization has a single public IP address, when you install the Barracuda Email Security Gateway between the Internet and your mail server, you can forward incoming SMTP traffic (port 25) from port 80 on the Barracuda to your mail server using the Port Forwarding feature from the **ADVANCED > Advanced Networking** page.

Configuring the Network Interfaces

With the Barracuda Email Security Gateway 600 and higher, you can configure each of the two Ethernet (NICS) interfaces directly from the **ADVANCED > Advanced Networking** page to accept email on both interfaces or to route ingress email to one NIC and egress through the other NIC. Benefits of this feature include redundancy, filtering email for domains on separate networks and improving throughput. Up to 250 IP addresses can be configured per NIC.

> If you add a second IP address to the Barracuda Email Security Gateway on the same network, it needs to be added to the ***first*** NIC, not the second. The second NIC can be used only for adding a connection to the Barracuda Email Security Gateway for a different (separate) network.

Static Routes

With the Barracuda Email Security Gateway 600 (and 600Vx) and higher, you can specify a default gateway between the Barracuda Email Security Gateway and a mail server on another subnet in your organization using the **Static Routes** feature on the **ADVANCED > Advanced Networking** page. This will guarantee that return traffic is routed back to the Barracuda Email Security Gateway from the unassociated network. If you have problems with static route configuration, please contact Barracuda Networks Technical Support.

Loopback Adapter

If you want to use this Barracuda Email Security Gateway with a Barracuda Load Balancer in Direct

Server Return mode, you must enable a non-ARPing loopback adapter. If you are using any other mode you do not need to make any changes to the Barracuda Email Security Gateway configuration.

Each Virtual IP address supported by the Real Server (the Barracuda Email Security Gateway in this case) requires its own loopback adapter. For each loopback adapter, enter a Virtual IP address in the **Loopback Adapter Configuration** field on the **ADVANCED > Advanced Networking** page.

© Barracuda Networks Inc., 2025 The information contained within this document is confidential and proprietary to Barracuda Networks Inc. No portion of this document may be copied, distributed, publicized or used for other than internal documentary purposes without the written consent of an official representative of Barracuda Networks Inc. All specifications are subject to change without notice. Barracuda Networks Inc. assumes no responsibility for any inaccuracies in this document. Barracuda Networks Inc. reserves the right to change, modify, transfer, or otherwise revise this publication without notice.