
Using Connection Pooling: How and Why

<https://campus.barracuda.com/doc/4259949/>

The Barracuda Web Application Firewall provides Connection Pooling to speed up request handling. For a server, a pool of connections can be maintained so requests to that server can use an available connection in the pool rather than waiting on initiating a connection. Using existing connections delivers requests to that server faster, and decreases connection setup and tear-down overhead. Connection Pooling also reduces the server load, which frees resources to handle other important tasks. The Barracuda Web Application Firewall supports TCP/IP pooling where a single server connection can support multiple client connections.

Configuring Connection Pooling

Connection Pooling is configured per server. You must add a server before you can configure Connection Pooling. To configure Connection Pooling, go to the **BASIC > Services** page and click **Edit** next to the desired server in the **Services** section. Scroll down to the **Connection Pooling** section in the **Server Configuration** window and specify values for the following:

1. **Enable Connection Pooling** – Select *Yes* to allow a connection to the server to be used for multiple requests from clients.
2. **Keepalive Timeout** – Specify the maximum time in milliseconds before expiring an idle connection that was used at least once. This value applies per 1024 connections, when a timeout error occurs before turning off the server.
 1. **Range:** 0 to 86400000
 2. **Recommended:** 900000
 3. **Units:** Milliseconds

For more information on configuring a server, see [Configuring Server Settings](#).

© Barracuda Networks Inc., 2022 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.