

How to Enable Layer 7 Application Profiling

<https://campus.barracuda.com/doc/43847225/>

Layer 7 Application Control is a legacy feature of the Barracuda NG Firewall. Barracuda Networks recommends using [Application Control 2.0](#) instead.

Before configuring Layer 7 Application Control in your firewall rules, you must enable it and configure default application handling and detection policies.

To use Layer 7 Application Control, you must have a valid **Energize Updates** subscription installed on the Barracuda NG Firewall.

Configure Application Detection

1. Go to **CONFIGURATION > Configuration Tree > Box > Infrastructure Services > General Firewall Configuration**.
2. In the left menu, select **Application Detection**.
3. Click **Lock**.
4. From the **Enable Protocol Detection** list, select **yes**.
5. In the **Application Detection Default Policy** section, configure the default policy that will be applied to detected applications.

Edit the following settings:

Setting	Description
Application Policy	Specifies how detected applications are handled. You can select one of the following policies: <ul style="list-style-type: none"> ◦ No-Detection - Application detection is deactivated. ◦ Detect-Only - Reports detected applications in the firewall access cache but takes no action. ◦ Limit-Bandwidth - Limits the bandwidth for the traffic of detected applications. If you select this policy, you must enter the maximum bandwidth in the Application Bandwidth field. ◦ Drop-Traffic - Blocks the traffic for detected applications. ◦ Assign-QoS-Band - Assigns a QoS band to the traffic of detected applications, as specified by the default policy or the firewall rule.
Application Bandwidth	Maximum bandwidth in kilobits for the traffic of detected applications.

<p>Application QoS Band Shape Connector</p>	<p>Default traffic shaping connector for the traffic of detected applications. You can select the Other check box and enter the ID value of the required shaping connector.</p> <p>A valid traffic shaping configuration is required to use this feature. You can choose a band from the predefined basic QoS profile template but you must still activate the overall use profile on the various network interfaces within the traffic shaping configurations.</p>
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6. In the **Application Detection Default Selection** section, define the applications that the Barracuda NG Firewall must detect. By default, all supported applications are detected.
 - If you want to explicitly specify which applications must be detected, edit the following settings:
 - **Use Preselected Applications** - Select *no*.
 - **Explicitly Add Applications** - Add an entry for each application that the Barracuda NG Firewall must detect.
 - If you want to use the preselected list of applications, edit the following settings:
 - **Use Preselected Applications** - Select *yes*.
 - **Explicitly Skip Applications** - Add an entry for each application that the Barracuda NG Firewall does not need to detect.

Application Detection Default Selection

Use Preselected Applications:

Explicitly Add Applications:

Explicitly Skip Applications:

Preselected Applications:

GAME-ARMAGETRON

GAME-BATTLEFIELD

GAME-CLUBPENGUIN

GAME-CROSSFIRE

7. Click **Send Changes** and **Activate**.

Continue with [How to Use Layer 7 Application Control in Firewall Rules](#).

Figures

1. app.jpg

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