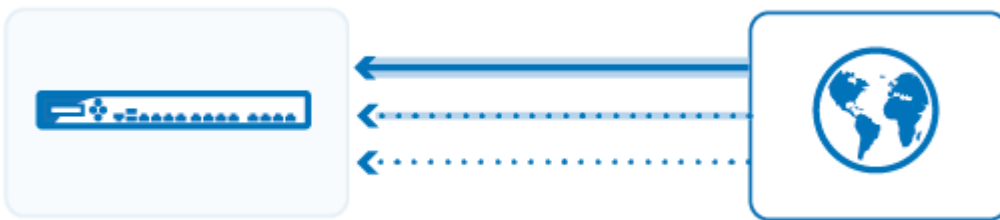


Example - Adjust Bandwidth for Application Traffic

<https://campus.barracuda.com/doc/30113940/>

[Application Control](#) lets you detect and manage application-based traffic. You can create policies to prioritize, limit, or block specific applications or application categories. This article provides an example of how to configure an application policy and a firewall rule to slow all connections to Facebook.



Step 1. Enable Application Control

To enable Application Control,

1. Go to the **FIREWALL > Settings** page.
2. Click **Yes** to **Enable Application Detection**.
3. Click **Save**.

Step 2. Create an Application Policy

Create an application policy to assign a lower bandwidth priority to Facebook traffic.


1. Go to the **FIREWALL > Application Policy** page.
2. Click **Add Policy Rule**.
3. In the **ADD POLICY RULE** window, specify the following settings:
 - o **Action** - Select **Allow**.
 - o **Name** - Enter a name, e.g.: `ThrottleFacebookTraffic`
 - o **Adjust Bandwidth** - Select **Choke**. This will slow the connection so that the application becomes unusable, blocking use without error messages.
 - o **Applications** - Type the name of the application (e.g., Facebook) in the text box and then select **Facebook** from the **APPLICATIONS** list.
The selected application including all sub-applications is now displayed in the **APPLICATIONS** section.

Add Policy Rule ?

General
Advanced

Action:

Disable: Yes No



Name:

Description:

Adjust Bandwidth:

URL Filter:

Applications

Browse Create... ▾

Remove all < previous next >

Applications

<input checked="" type="checkbox"/> Facebook	-
<input type="checkbox"/> Facebook Post	-
<input type="checkbox"/> Facebook Mail	-
<input type="checkbox"/> Facebook Chat	-
<input type="checkbox"/> Facebook SocialPlugins	-
<input type="checkbox"/> Facebook Filetransfer	-
<input checked="" type="checkbox"/> Facebook Apps	-
<input type="checkbox"/> Facebook Apps Uncustomized	-

Page 1 of 1 (14 objects total) < previous next >

4. Click **Save**.

Step 3. Enable Application Control for a Firewall Rule

Because Application Control can impact the performance of the Barracuda NextGen Firewall X-Series, be as specific as possible with firewall rule settings.

Create a specific firewall rule for application traffic.

1. Go to the **FIREWALL > Firewall Rules** page.
2. Click **Add Access Rule**.
3. In the **ADD ACCESS RULE** window, specify the following settings under the **General** tab:
 - **Name** - Enter a name, e.g.: ThrottleFacebook
 - **Action** - Select **Allow**.
 - **Source** - Select **Trusted LAN Networks**.
 - **Network Services** - Select **HTTP+S** (Facebook only communicates over HTTP and HTTPS.)
 - **Destination** - Select **Internet**.

Add Access Rule ?

General
Advanced

Action:

Name:

Bi-directional: Yes No

Description:

Disable: Yes No

Connection:

IPS: Yes No

Adjust Bandwidth:

The interface must have bandwidth management enabled on the NETWORK > IP Configuration page for this policy to be applied.

Application Control: Yes No

URL Filter: Yes No

Virus Protection: Yes No

SSL Inspection: Yes No

URL Filter, Virus Protection and SSL Inspection depend on Application Control enabled. URL Filter and Virus Protection require a valid Web Security subscription.

Source

+
 Ref: Trusted LAN -

Network Services

+
 -

Destination

+
 Ref: Internet -

Network Objects
 IP Address
 Geo Loc.

4. Click **Save**.

Step 4. Verify the Order of the Firewall Rules

Because rules are processed from top to bottom, you must place this rule before the **LAN-2-INTERNET** rule. After adjusting the order of the rules, click **Save**.

For more information, see [Firewall Rules Order](#).

Monitoring Traffic for Detected Applications

To view blocked or throttled connections, go to the **BASIC > Active Connections** or **BASIC > Recent Connections** page. In the **Application** and **Bandwidth Policy** columns for each connection, the detected application and the assigned bandwidth policy is listed. To view specific connections, you can filter the list.

ACTIVE CONNECTIONS Help

None

Page 1 of 1 Preferences Displaying 1 - 5 of 5

Terminate	UserID	Bandwidth Policy	Activity	Bytes/s	Total Tra...	State	Source IP	Destination IP	Protocol	Service	Application
<input type="checkbox"/>		Lowest Priority	0.00	1.20 K			10.0.10.13	173.252.110.27	TCP	80	Facebook Base
<input type="checkbox"/>		Lowest Priority	0.00	1.75 K			10.0.10.13	31.13.64.17	TCP	80	Facebook Base
<input type="checkbox"/>		Lowest Priority	0.00	22.53 K			10.0.10.13	31.13.64.17	TCP	443	Facebook Base
<input type="checkbox"/>		Internet	0.00	555.00			10.0.10.13	10.0.10.5	UDP	53	
<input type="checkbox"/>		Internet	0.00	4.77 K			10.0.10.13	64.235.151.	TCP	443	

Figures

1. appctrl_ts.png
2. Example_throttle_app_67_01.png
3. Example_throttle_app_67_02.png
4. Example_throttle_app_03.png

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