

## How to Configure Barracuda Web Security Service

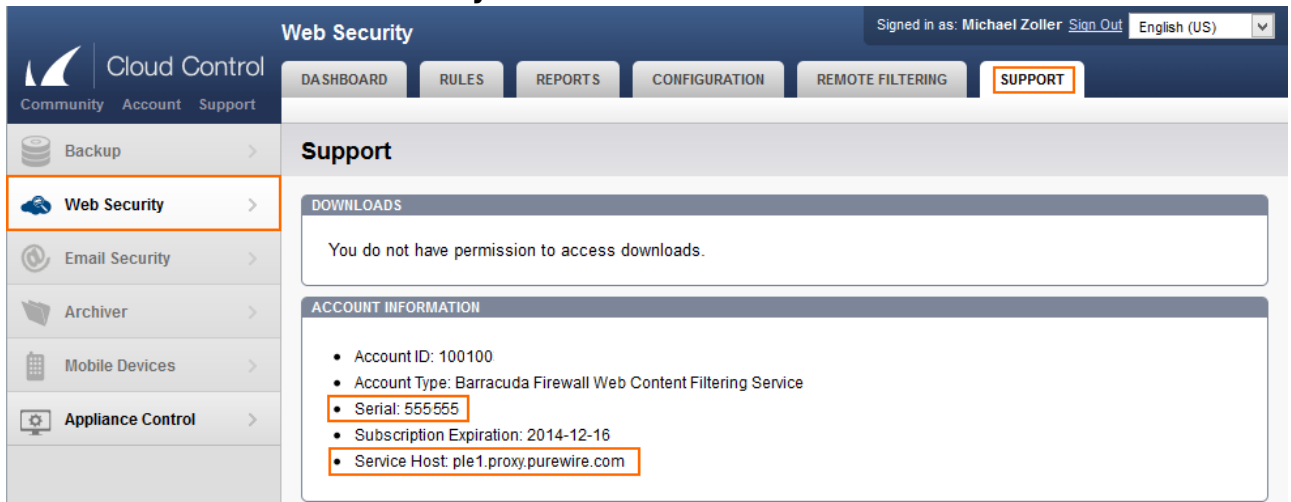
<https://campus.barracuda.com/doc/42049014/>

To apply central usage policies and scan your web traffic for malware or unwanted content, forward web traffic to the Barracuda Web Security service, formerly known as FLEX, and configure your clients to use the Barracuda NG Firewall as a proxy. The Barracuda Web Security Server is licensed on a per-user basis. If the number of users consistently exceeds the licensed number, traffic continues to be filtered, but you will be asked to upgrade your subscription to the actual user number. If the service expires, traffic is no longer filtered; it is only passed through.

### In this article

### What you need before you begin:

- A Barracuda Web Security Service subscription connected to your Barracuda Cloud Control account.
- The serial number and proxy server host for your Barracuda Web Security Service subscription: To locate your serial number, log into your Barracuda Cloud Control account and click on the **SUPPORT** tab in the **Web Security** section.



The screenshot displays the Barracuda Cloud Control interface for the Web Security section. The top navigation bar includes 'DASHBOARD', 'RULES', 'REPORTS', 'CONFIGURATION', 'REMOTE FILTERING', and 'SUPPORT'. The 'SUPPORT' tab is active. The left sidebar shows 'Web Security' selected. The main content area is titled 'Support' and contains a 'DOWNLOADS' section with a message: 'You do not have permission to access downloads.' Below this is an 'ACCOUNT INFORMATION' section with the following details:

- Account ID: 100100
- Account Type: Barracuda Firewall Web Content Filtering Service
- Serial: 555555
- Subscription Expiration: 2014-12-16
- Service Host: ple1.proxy.purewire.com

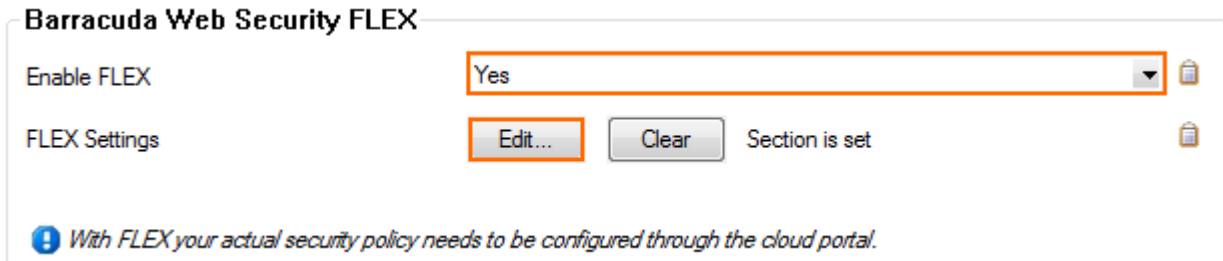
### Enable Barracuda Web Security Service

Enable the Barracuda Web Security Service in the HTTP Proxy settings.

1. Open the **HTTP Proxy Settings** page (**Config > Full Config > Box > Virtual Servers >**

**your virtual server > HTTP Proxy).**

2. Click **Lock**.
3. Set **Enable FLEX** to **Yes**.
4. **Edit** the **FLEX Settings**. The **FLEX Settings** window opens.



**Barracuda Web Security FLEX**

Enable FLEX Yes

FLEX Settings Edit... Clear Section is set

*With FLEX your actual security policy needs to be configured through the cloud portal.*

5. Enter the **FLEX Settings** for your Barracuda Web Security Service account:
  - **Flex Service Host** - Enter the **Service Host** for your Barracuda Web Security Account. E.g., `ple1.proxy.purewire.com`
  - **Authentication Type** - Select **User/Password** to use your Barracuda Cloud Control credentials.
  - **Flex Serial** - The Barracuda Web Security Service serial number.
  - **Flex User** - Your Barracuda Cloud Control username.
  - **Flex Password (User/Password authentication only)** - Your Barracuda Cloud Control password.
  - **Flex Key (Authentication key authentication only)** - Select the authentication key you created in your Barracuda Web Security account (**Web Security > Configuration > Key Management**).
  - **Use Flex for SSL/TLS** - To redirect SSL/TLS HTTPS traffic to Barracuda Web Security Service, set to **Yes**.  
To also apply the Web Security Service policies to HTTPS traffic, you must create a App Redirect access rule that forwards HTTPS traffic to the local proxy IP address and port.
  - **Excluded Domains** - Enter domains you do not want to forward for processing by the Barracuda Web Security Service.

**Flex Settings**

Flex Service Host:

Authentication Type:

Flex Serial:

Flex User:

Flex Password:   
 Current:    
 New:    
 Confirm:    
 Strength:

Flex Key:

Use Flex for SSL/TLS:

Excluded Domains:    
+ × ↑ ↓

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

## Configure Clients to Use the Barracuda Web Security Service via the Barracuda NG Firewall

Configure your clients to use the Barracuda NG Firewall as a forwarding proxy.

### Barracuda Web Security Service Settings

Setting	Description
<b>Flex Service Host</b>	URL of the Barracuda Web Security Service.
<b>Authentication Type</b>	<ul style="list-style-type: none"> <li>• <b>User/Password</b> - Use the login credentials for your <a href="#">Barracuda Networks Account</a>.</li> <li>• <b>Authenticationkey</b> - Use the authentication key that you defined in your <a href="#">Barracuda Networks Account</a> on the <b>Web Security Flex &gt; Configuration &gt; Key Management</b> page.</li> </ul>

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<b>Flex Serial</b>	The Barracuda Web Security Service serial number.
<b>Flex User / Password</b>	The Barracuda Web Security Service username and password.
<b>Flex Key</b>	The Barracuda Web Security Service authentication key.
<b>Use Flex for SSL/TLS</b>	To redirect SSL/TLS HTTPS traffic to the Barracuda Web Security Service, select this checkbox. There is no specific block error page. The end user receives a non-specific server error for blocked HTTPS pages.
<b>Excluded Domains</b>	Add domain names that you do not want to forward to the Barracuda Web Security Service.

## Figures

1. WSS.png
2. flex00.png
3. flex01.png

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