

Reporting

https://campus.barracuda.com/doc/41107441/

The **BASIC** > **Reports** page allows you to configure and generate reports of various types, based on all logged information. You can either generate a one-time report or configure the Barracuda Web Application Firewall to automatically generate the reports on an hourly, daily, weekly, or monthly basis. Reports can be emailed to specific email addresses or sent to an FTP server.

The Barracuda Web Application Firewall reports are broadly classified into following groups:

- Security Reports
- <u>Summary Reports</u>
- PCI DSS Reports
- <u>Administration/Audit Reports</u>
- Configuration Summary Reports
- <u>Traffic Reports</u>
 - Aggregated System Traffic Reports
 - Client Traffic Reports
 - Service Traffic Reports
 - Server Traffic Reports

Filtering a Report

You can apply a filter to the "Security" and "Traffic" reports and limit a report to specific data. For example, the **Requests By Hour** report under "Traffic" displays the number of requests received each hour in last 24 hours. To view the number of requests received from a particular client IP address, specify the client IP address in the filter and view the report. To apply a filter for the example above, perform the following steps:

- 1. Go to the **BASIC** > **Reports** page.
- 2. In the **Report Options** section, click **Show Advanced Options**.
- 3. Select **Client IP** from the **Traffic Filter** drop-down list and enter the IP address of the client.
- 4. Scroll down to the **Traffic** section and click **Show Report** next to **Request By Hour**.



Requests By Hour

Host(s): Date Range: Client IP: Generated on:	barracuda 2016-02-0 172.24.14 2016-02-0	cuda.barracudanetworks.com [10.11.19.79] -02-03 00:00 - 2016-02-04 00:00 ?4.140.133 -02-04 06:15:16					This report displays the aggregated system traffic on each hour of the day.					
Requests By Ho	our											
2016-02-03 16	5:00 _											
2016-02-03 1/	2:00											
2016-02-03 19	9:00											
2016-02-03 20	0:00											
2016-02-03 21	1:00 _											
2016-02-03 22	2:00 _											
2016-02-03 23	3:00 🚽											
2016-02-04 00	0:00											
2016-02-04 01	1:00											
2016-02-04 02	3:00											
2016-02-04 04	4:00											
2016-02-04 05	5:00											
	Ok	20k	40k	60k	80k	100k	120k	140k	160k	180k	200k	
						Count						
Requests E	3y Hour			Count								
Requests E 2016-02-03	By Hour			Count 129590								
Requests E 2016-02-03 2016-02-03	By Hour 16:00			Count 129590 175106								
Requests E 2016-02-03 2016-02-03 2016-02-03	By Hour 16:00 17:00			Count 129590 175106 169314								
Requests E 2016-02-03 2016-02-03 2016-02-03 2016-02-03	By Hour 16:00 17:00 18:00 19:00			Count 129590 175106 169314 169096								
Requests E 2016-02-03 2016-02-03 2016-02-03 2016-02-03 2016-02-03	By Hour 16:00 17:00 18:00 19:00			Count 129590 175106 169314 169096 169162								
Requests E 2016-02-03 2016-02-03 2016-02-03 2016-02-03 2016-02-03 2016-02-03	By Hour 16:00 17:00 18:00 19:00 20:00			Count 129590 175106 169314 169096 169162 98309								
Requests E 2016-02-03 2016-02-03 2016-02-03 2016-02-03 2016-02-03 2016-02-03 2016-02-03	By Hour 16:00 17:00 18:00 19:00 20:00 21:00			Count 129590 175106 169314 169096 169162 98309 538								
Requests E 2016-02-03 2016-02-03 2016-02-03 2016-02-03 2016-02-03 2016-02-03 2016-02-03	By Hour 16:00 17:00 18:00 19:00 20:00 21:00 22:00 02:00			Count 129590 175106 169314 169096 169162 98309 538								
Requests E 2016-02-03 2016-02-03 2016-02-03 2016-02-03 2016-02-03 2016-02-03 2016-02-03 2016-02-03	By Hour 16:00 17:00 18:00 19:00 20:00 21:00 22:00 22:00 22:00 22:00			Count 129590 175106 169314 169096 169162 98309 538 418								
Requests E 2016-02-03 2016-02-03 2016-02-03 2016-02-03 2016-02-03 2016-02-03 2016-02-03 2016-02-04	By Hour 16:00 17:00 18:00 20:00 21:00 22:00 22:00 00:00 00:00			Count 129590 175106 169314 169096 169162 98309 538 418 429								
Requests F 2016-02-03 2016-02-03 2016-02-03 2016-02-03 2016-02-03 2016-02-03 2016-02-04 2016-02-04	By Hour 16:00 17:00 18:00 20:00 21:00 22:00 22:00 00:00 01:00			Count 129590 175106 169314 169096 169162 98309 538 418 429 556								
Requests F 2016-02-03 2016-02-03 2016-02-03 2016-02-03 2016-02-03 2016-02-03 2016-02-04 2016-02-04 2016-02-04	By Hour 16:00 17:00 18:00 19:00 20:00 21:00 22:00 22:00 23:00 00:00 01:00 02:00			Count 129590 175106 169314 169096 169162 98309 538 418 429 556 1741								
Requests F 2016-02-03 2016-02-03 2016-02-03 2016-02-03 2016-02-03 2016-02-03 2016-02-04 2016-02-04 2016-02-04 2016-02-04	By Hour 16:00 17:00 18:00 19:00 20:00 21:00 22:00 23:00 00:00 01:00 02:00 03:00			Count 129590 175106 169314 169096 169162 98309 538 418 429 556 1741 2678								
Requests E 2016-02-03 2016-02-03 2016-02-03 2016-02-03 2016-02-03 2016-02-03 2016-02-03 2016-02-04 2016-02-04 2016-02-04 2016-02-04	By Hour 16:00 17:00 18:00 19:00 20:00 21:00 22:00 23:00 00:00 01:00 02:00 03:00 04:00			Count 129590 175106 169314 169096 169162 98309 538 418 429 556 1741 2678 2721								

Drilling Down a Report

You can drill down some of the reports under "Security" and "Traffic" to view data in more detail. For example, the **Attacks By Services** report displays the number of attacks on the services. Click the drill down link in the data to view different categories of attacks on the services.

barracuda.barracudanetworks.com [10.11.19.75]



Attacks By Service

Host(s):

Date Range: 2016-02-03 00:00 - Generated on: 2016-02-04 05:58:17	Service(s)	:vice(s) within the specified time frame.							
Attacks By Service									
144.160.230.113.8 144.160.230.197.4 144.160.230.193.4 144.160.230.114.8 2001.1890.1c00.61 144.160.230.198.4 144.160.230.198.4 144.160.230.198.4 144.160.230.198.4 144.160.230.198.4 144.160.230.198.4 144.160.230.29.44 144.160.230.29.44 144.160.230.22.80 144.160.230.194.4 144.160.230.194.4 144.160.230.194.4 144.160.230.194.4 144.160.230.194.4			•						
0 50	100 150 200 250 300 C	350 400 count	450	500 5	50 600	650	700		
Attacks By Service	Attacks By Service Count				Drilldown				
144.160.230.113:80	622		Domain	Time	Category	Client			
144.160.230.197:443	599		Domain	Time	Category	Client			
144.160.230.193:443	432		Domain	Time	Category	Client			
144.160.230.205:443	413		Domain	Time	Category	Client			
144.160.230.114:80	229		Domain	Time	Category	Client			
2001:1890:1c00:6110::f:1001:80	155		Domain	Time	Category	Client			
144.160.230.198:443	129		Domain	Time	Category	Client			
144.160.230.109:8080	109		Domain	Time	Category	Client			
144.160.230.64:443	80		Domain	Time	Category	Client			
144.160.230.29:443	67		Domain	Time	Category	Client			
144.160.230.224:443	55		Domain	Time	Category	Client			
144.160.230.22:80	52		Domain	Time	Category	Client			
144.160.230.85:443	47		Domain	Time	Category	Client			
144.160.230.194:443	20		Domain	Time	Category	Client			
144.160.230.66:80	15		Domain	Time	Category	Client			

This report displays the number of attacks for the





Schedule a Report

- 1. Go to the **BASIC** > **Reports** page.
- 2. (Optional) In the **Report Options** section, click **Show Advanced Options** and configure filters for **Security** and **Traffic** reports.
- 3. Select the check box(es) next to the report type(s) under the report group (Security, Traffic, Audit and System, Config Summary and PCI Reports).
- 4. In the **Schedule Report** section, enter a name for the report, select how you want the report to be delivered (Email or FTP), and how frequently you want the report to be generated automatically.

As a best practice, use a unique account for this integration point and grant it the least level of privileges required, coordinating with the administrator. This account requires read privileges on the Reporting server *only for the specific path you indicate* in the next field. For additional information, see <u>Security for Integrating with Other Systems - Best Practices</u>.



5. Click **Apply**.

In this Section:



Figures

- 1. Request By Hour Client IP.png
- 2. Attacks By Service.png
- 3. Attacks By Service Category.png

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