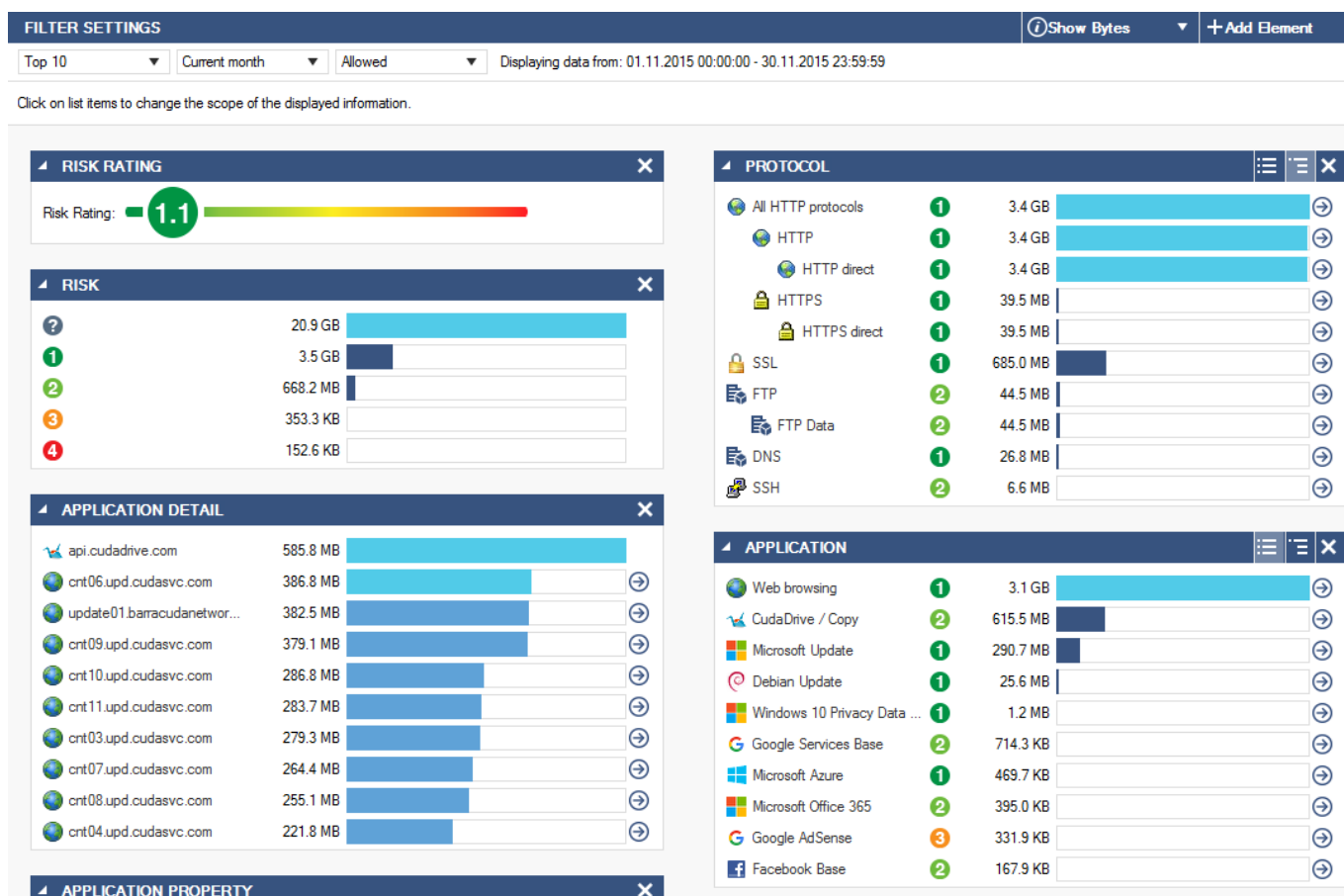


Monitor Page

<https://campus.barracuda.com/doc/73719557/>

The **Monitor** page gives you real-time statistics on your network traffic. The **Monitor** page displays all detected applications, protocols, content, and threats, and provides information on the clients creating the traffic. To access the Monitor page, open the **FIREWALL** tab and click the **Monitor** icon in the service bar.



The screenshot displays the Monitor page interface with the following sections:

- FILTER SETTINGS:** Top 10, Current month, Allowed, Displaying data from: 01.11.2015 00:00:00 - 30.11.2015 23:59:59. Includes a 'Show Bytes' button and '+ Add Element'.
- RISK RATING:** Shows an overall risk rating of 1.1 on a scale from 1 (low) to 4 (high).
- RISK:** A table showing risk levels for different categories:

Risk Level	Amount
1	20.9 GB
2	3.5 GB
3	668.2 MB
4	353.3 KB
4	152.6 KB
- APPLICATION DETAIL:** A list of applications with their respective data volumes:

Application	Volume
api.cudadrive.com	585.8 MB
cnt06.upd.cudasvc.com	386.8 MB
update01.barracudanetwor...	382.5 MB
cnt09.upd.cudasvc.com	379.1 MB
cnt10.upd.cudasvc.com	286.8 MB
cnt11.upd.cudasvc.com	283.7 MB
cnt03.upd.cudasvc.com	279.3 MB
cnt07.upd.cudasvc.com	264.4 MB
cnt08.upd.cudasvc.com	255.1 MB
cnt04.upd.cudasvc.com	221.8 MB
- APPLICATION PROPERTY:** (Partially visible at the bottom).
- PROTOCOL:** A list of protocols with their data volumes:

Protocol	Volume
All HTTP protocols	3.4 GB
HTTP	3.4 GB
HTTP direct	3.4 GB
HTTPS	39.5 MB
HTTPS direct	39.5 MB
SSL	685.0 MB
FTP	44.5 MB
FTP Data	44.5 MB
DNS	26.8 MB
SSH	6.6 MB
- APPLICATION:** A list of applications with their data volumes:

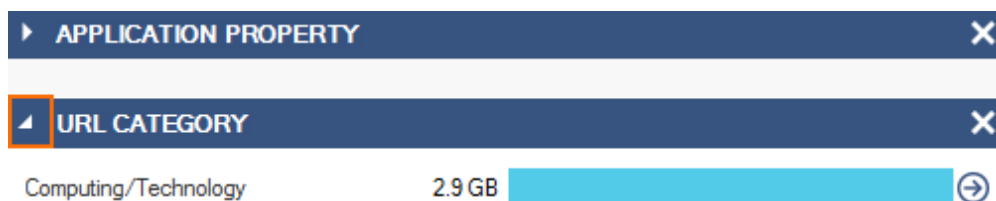
Application	Volume
Web browsing	3.1 GB
CudaDrive / Copy	615.5 MB
Microsoft Update	290.7 MB
Debian Update	25.6 MB
Windows 10 Privacy Data ...	1.2 MB
Google Services Base	714.3 KB
Microsoft Azure	469.7 KB
Microsoft Office 365	395.0 KB
Google AdSense	331.9 KB
Facebook Base	167.9 KB

The **Monitor** page lists all currently detected application traffic by load or sessions (depending on the filters you apply) that is forwarded by the firewall. The application traffic statistics are divided into the following sections:

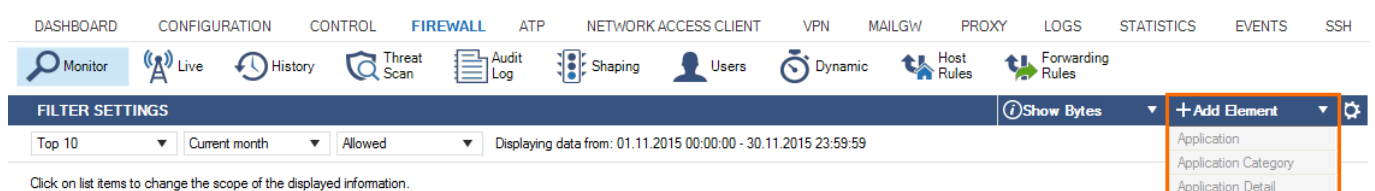
- **Risk Rating** – Displays the overall risk rating of all applications that apply to currently displayed traffic information.
- **Application Detail** – Allows in-depth inspection of the application rule handling process.
- **URL Category** – Provides traffic load information related to URL categories.
- **ATP** – Shows traffic affecting Advanced Threat Protection (ATP), if configured.
- **Application Property** – Provides traffic load information related to application properties.
- **Botnet and Spyware Protection** – Provides traffic load information related to botnet and spyware detection.

- **File Content** – Provides traffic load information related to application content.
- **Application Category** – Provides traffic load information related to categories.
- **Geo Source** – Displays the geographic location of the application source, if available.
- **Geo Destination** – Displays the geographic location of the application destination, if available.
- **User** – Provides information on users and groups that are accessing the application.
- **User Agent** – Displays the user agents for HTTP and HTTPS connections.
- **Domain** – Displays the domains involved in the application rule handling process.
- **Source** – Provides information on the application source, if available.
- **Virus Scan** – Provides traffic load information related to virus and malware detection.
- **IPS** – Shows traffic affecting the Intrusion Prevention System (IPS).
- **Application** – Displays the applications that are referred to by application rules as soon as the rules apply to incoming or outgoing network traffic.
- **Protocol** – Displays the protocols that the applications affect and that are involved in the application rules process.
- **Risk** – Provides traffic load information related to risk levels (1 - 4).

To view or collapse a section, click the arrow icon to the left of each section heading.



To show or hide an entire section, click **Add Element** on the top right of the page, and chose the sections you want.

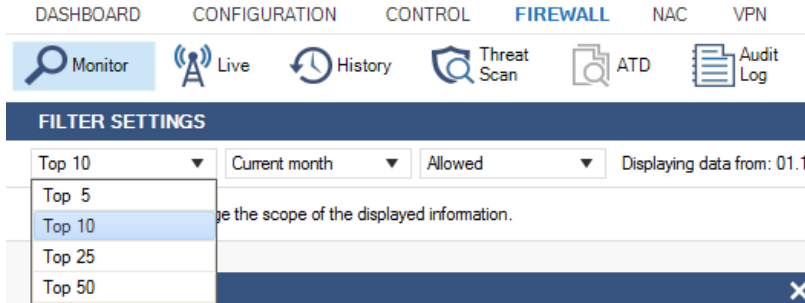


Filtering Functions

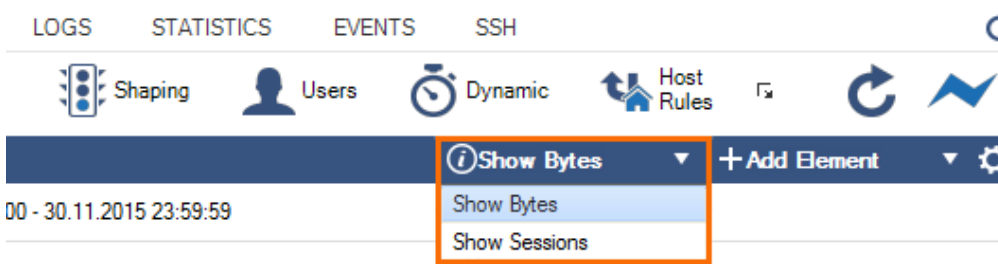
The **FILTER SETTINGS** section on top of the page provides drop-down menus that allow you to filter for the following criteria:

- **Applications** – Show all application traffic or drill down the displayed information to a selected number of top applications.
- **Time** – Select a time interval for application traffic information to be displayed. Information can be displayed on an hourly, daily, weekly, or monthly basis.

- **Traffic Type** – Filter display information based on application traffic affected by the Virus Scanner, Intrusion Prevention System (IPS), and Advanced Threat Protection (ATP).

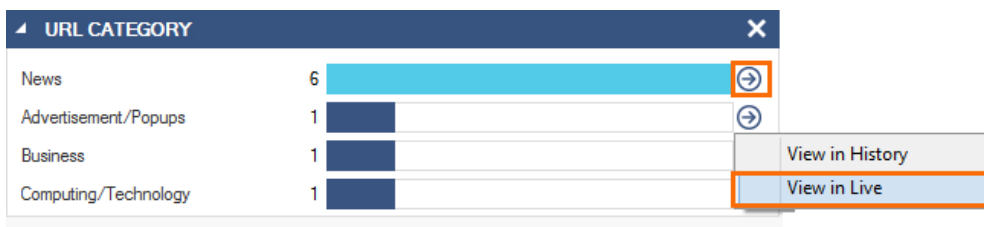


Expand the drop-down menu on the upper right to toggle displayed traffic information by bytes or the number of sessions.









Managing Traffic Information

Some sections, such as **Application** or **URL Category**, provide links to the **Live** and **History** views. When you click the arrow icon next to the entry, the **Live** or **History** page opens and automatically applies a filter for the selected application.



Some sections, such as **Application** or **Protocol**, offer icons to change the list to a flat or grouped display.


APPLICATION				
 Web browsing	1	2.7 GB	<div style="width: 100%; height: 10px; background-color: #00AEEF;"></div>	
 CudaDrive / Copy	2	558.0 MB	<div style="width: 10%; height: 10px; background-color: #003366;"></div>	
 Microsoft Services	1	235.2 MB	<div style="width: 5%; height: 10px; background-color: #003366;"></div>	

Clicking an entry in the **Application** section opens an information display window under the **Filter Settings** section. To exit the selection and return to standard view, click **x**.

FILTER SETTINGS Show Bytes + Add Element

All | Current month | All | Displaying data from: 01.11.2015 00:00:00 - 30.11.2015 23:59:59

Application: Debian Update x

 **Debian Update** Software Update

This application identifies the download of Debian updates. Debian is a computer operating system composed of software packages released as free and open source software primarily under the GNU General Public License along with other free software licenses. This application is not SSL-interceptable, thus it is excluded from SSL-Interception automatically.

Figures

1. fw_monitor_page_01.png
2. fw_monitor_page_03.png
3. fw_monitor_page_04.png
4. fw_monitor_page_02.png
5. fw_monitor_page_02a.png
6. fw_monitor_page_05.png
7. fw_monitor_page_06.png
8. fw_monitor_page_07.png

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