

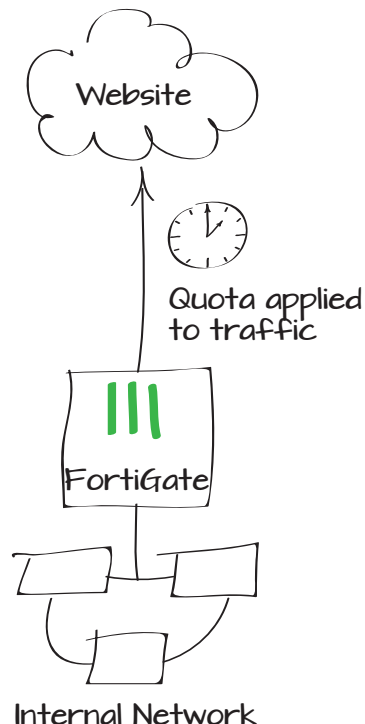
Limiting access to personal interest websites using quotas

Many workplaces allow employees to access personal interest websites during their breaks. The most efficient method to do this is by using quotas, since they do not require set schedules. This example uses quotas to allow access at any point during the day but only for a total of 15 minutes for each user.



This example requires an active license for FortiGuard Web Filtering Services.

1. Creating a web filter profile that uses quotas
2. Adding the web filter profile to a security policy
3. Adding HTTPS scanning (optional)
4. Results



Creating a web filter profile that uses quotas

Go to **Security Profiles > Web Filter > Profiles**.

Create a new profile and enable **FortiGuard Categories**. Right-click on the category **General Interest - Personal** and select **Monitor**. Do the same for the category **General Interest - Business**

These categories include a variety of sites that are commonly blocked in the workplace, such as games, instant messaging, and social media.

Expand **Quota on Categories with Monitor, Warning and Authenticate Actions** and select **Create New**. Select both **General Interest - Personal** and **General Interest - Business** and set the **Quota** amount to 15 Minutes.



You can also apply quotas to specific sub-categories within a FortiGuard Category, such as Shopping and Auction and Social Networking, both of which are found in the General Interest - Personal category). By doing this, you can target specific sites you wish to limit without affecting every site within the larger category.

Name: quotas

Comments: allows access to general interest with quotas 45/255

Inspection Mode: Proxy Flow-based DNS

FortiGuard Categories

Show All

- Local Categories
- Potentially Liabile
- Adult/Mature Content
- Bandwidth Consuming
- Security Risk
- General Interest - Personal
- General Interest - Business
- Unrated

Quota on Categories with Monitor, Warning and Authenticate Actions

General Interest - Personal

General Interest - Business

Unrated

Quota: 15 Minute(s)

Adding the web filter profile to a security policy

Go to **Policy > Policy > Policy**.

Edit the policy controlling the traffic you wish to apply the quotas to. Under **Security Profiles**, enable **Web Filter** and set it to use the new profile.

Policy Type Firewall VPN

Policy Subtype Address User Identity Device Identity

Incoming Interface

Source Address

Outgoing Interface

Destination Address

Schedule

Service

Action

Enable NAT

- Use Destination Interface Address
- Use Dynamic IP Pool
- Use Central NAT Table

Fixed Port

Logging Options

- No Log
- Log Security Events
- Log all Sessions

Security Profiles

- OFF AntiVirus
- ON Web Filter

Adding HTTPS scanning (optional)

If you wish to apply the quotas to HTTPS traffic as well as HTTP, you must create an SSL inspection profile and add it to your security policy. For more information about blocking HTTPS traffic, see “[Blocking HTTPS traffic with web filtering](#)” on page 149.

Results

Browse to www.ebay.com, a website that is found within the General Interest - Personal category.

Access to the website is allowed for 15 minutes, after which a block message appears. The message will persist for all General Interest - Personal sites until the quota is reset, which occurs every day at midnight.

Go to **Log & Report > Traffic Log > Forward Traffic Log** to monitor allowed and blocked traffic to these categories that have quotas.

Select an entry for more information about a session.

FortiGuard Web Filtering

Web Page Blocked

Your daily quota for this category of webpage has expired, in accordance with your internet usage policy.
URL: www.ebay.com/chp/collectibles-art
Category: Shopping and Auction
To have the rating of this web page re-evaluated [please click here](#).

Dst	Security Acti...	Application Details	Threat
173.194.43.66 (www.google-analytics.com)	✘	safebrowsing.clients.google.com	Search Engines and Portals
108.160.162.43 (notify5.dropbox.com)	✘	notify5.dropbox.com	File Sharing and Storage
93.158.134.25 (mail.yandex.ru)	✘	mail.yandex.com	Web-based Email
108.160.162.43 (notify5.dropbox.com)	✘	notify5.dropbox.com	File Sharing and Storage
66.135.211.36 (srv.g.ebay.com)	✘	srx.main.ebayrtm.com	Shopping and Auction
66.211.181.181 (www.ebay.com)	✘	www.ebay.com (and another)	Shopping and Auction
174.37.236.19 (cacerts.digicert.com)	✔	cacerts.digicert.com	Information Technology
108.160.163.51 (notify5.dropbox.com)	✘	notify5.dropbox.com	File Sharing and Storage
132.246.2.7 (static.ak.facebook.com)			
66.211.181.181 (www.ebay.com)	✔	www.ebay.com (and another)	Shopping and Auction

Application Details	srx.main.ebayrtm.com	Category Description	Shopping and Auction
Date/Time	07:40:56 (1378280456)	Destination Country	United States
Dst	66.135.211.36 (srv.g.ebay.com)	Dst Interface	wan1
Dst Port	80	Duration	11
Hostname	srx.main.ebayrtm.com	Level	notice ■■■■■
Log ID	13	Policy ID	2
Protocol	6	Received	3473
Received Packets	6	Security Action	✘
Security Event	webfilter	Security Sub Type	ftgd-quota
Sent	701	Sent / Received	701 B / 3.39 KB
Sent Packets	4	Sequence Number	29326
Service	HTTP	Source Country	Reserved
Src	192.168.100.112	Src Interface	lan
Src NAT IP	172.20.120.236	Src NAT Port	57344
Src Port	57344	Status	close
Sub Type	forward	Threat	Shopping and Auction
Timestamp	Wed Sep 4 07:40:56 2013	Tran Display	snat
URL Count	1	Virtual Domain	root