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Categories and Schedule for Blocklists: [video tutorial](#)



The use of categorized lists is currently in beta test

Categorized lists

Service provider's clickstream is used to categorize lists in order to obtain more precise information on domain lists and IP addresses used by subscribers. Clickstream data is available on request and technical capability. The list of categories is accurate to the domain or IP.

Getting a list and making a sublist to use

Downloading from Cloud:

```
wget --no-check-certificate  
https://catalog.vasexperts.ru/catlist/outcat.lst.dic.gz  
wget --no-check-certificate  
https://catalog.vasexperts.ru/catlist/outcat.lst.gz  
gzip -d outcat.lst*
```

Contents:

```
outcat.lst.dic - categories description  
outcat.lst - domain lists by categories
```

Example: getting a combined list of 4,5 categories:

```
grep -P '4\t|5\t' outcat.lst | awk -F '\t' '{print $2}'
```

Examples of list activation

Blocking social networks and video hostings for corporate clients

Block resources from the category "porn"

List of categories to which the access will be blocked:

9 porno_sex

Form a list of the received files:

```

zcat outcat.lst.gz | awk -F '\t' '{if ($1=="9") {print $2 "\n*." $2}}' |
url2dic porno_block.bin

fdpi_ctrl load profile --service 4 --profile.name 1_black --profile.json
'{"url_list": "/root/porn/porno_block.bin", "sni_list":
"/root/porn/porno_block.bin", "redirect": "http://vasexperts.ru/block",
"federal": true} '

fdpi_ctrl load --service 4 --profile_name 1_black --ip 10.64.66.100

```

The task is to block social networks and other resources not required for work in the organization.

```

the list of categories to be blocked:
9      porno_sex
12     music_sites
13     game_sites
16     social_networks
27     miners_pools_curs_etc
38     forex
43     gambling

Form the list of received files:
mkdir /home/lst; cd /home/lst
grep -P '9\t|12\t|13\t|16\t|27\t|38\t|43\t' outcat.lst | awk -F '\t' '{print
$2}' | url2dic 1_block.bin

Create a profile:
fdpi_ctrl load profile --service 4 --profile.name 1_black --profile.json '{
"url_list" : "/home/lst/1_block.bin" , "sni_list" : "/home/lst/1_block.bin",
"redirect" : "http://mysite.ru/block", "federal" : true }'
here,
http://mysite.ru/block - redirect page.

Assign to subscriber:
fdpi_ctrl load --service 4 --profile_name 1_black --ip 192.168.0.1

```

Providing access only to certain sites categories

The task is to limit subscriber access by only certain categories of sites.

```

the list of categories to which the access will be provided:
4      school
19     goverment
25     museum
26     medicina_hostitals
32     child_sites

Form the list of the received files:
mkdir /home/lst;cd /home/lst

```

```
grep -P '4\t|19\t|25\t|26\t|32\t' outcat.lst | awk -F '\t' '{print $2}' |  
url2dic 1_white.bin
```

Create profile:

```
fdpi_ctrl load profile --service 5 --profile.name 1_white --profile.json '{  
"url_list" : "/home/lst/1_white.bin" , "sni_list" :  
"http:///home/lst/1_white.bin", "redirect" : "mysite.ru/block" }'
```

here,

<http://mysite.ru/block> - redirect page.

Assign to subscriber:

```
fdpi_ctrl load --service 5 --profile.name 1_white --ip 192.168.0.1
```

Questions

- How often is the list updated? - Once a day. We plan to reduce the update period.