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The use of categorized lists is currently in beta test

## 9 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:

```
wget https://5.200.37.126/catlist/outcat.lst.dic.gz
wget https://5.200.37.126/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

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 l_block.bin
```

create a profile:

```
fdpi_ctrl load profile --service 4 --profile.name l_black --profile.json '{
"url_list" : "/home/lst/l_block.bin" , "sni_list" : "/home/lst/l_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 l_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 l_white.bin
```

Create profile:

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

Assign to subscriber:

```
fdpi_ctrl load --service 5 --profile.name l_white --ip 192.168.0.1
```

## Questions

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