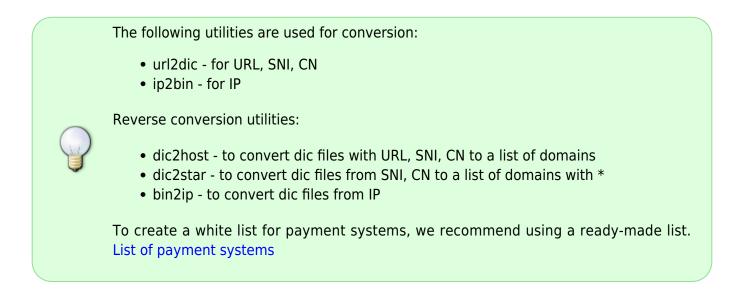
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## **Preparing white list**

The allowed resources list is created in two steps: first, **a text file** with the list of resources is created. Second, this **file is converted** into internal dictionary's format by the special utility.



After the text file is converted you need to move the lists to the DPI configuration directory:

```
mv my_url_list.bin /var/lib/dpi/whlist.bin
mv my_cn_list.bin /var/lib/dpi/whlistcn.bin
mv my_ip_list.bin /var/lib/dpi/whlistip.bin
mv my_sni_list.bin /var/lib/dpi/whlistsni.bin
```



This list names are used for the default profile. Any of the lists may be missing, but for restricting https resources, the SNI list is mandatory

### The file format of the whitelisted resources' URLs:

Each line contains one URL (no http:// prefix), it is allowed to use \*. For example:

```
1magehut.com/users.php?act=gallery&gal=81&page=4
3dmx.net
*.3dmx.net
```

To convert into the internal format:

```
cat my_url_list.txt|url2dic my_url_list.dic
```

# The file format of the whitelisted names in SSL certificates (Common name):

Each line contains one name. For example:

\*.facebook.com
www.vasexpertsdpi.com

To convert into the internal format:

```
cat my_cn_list.txt|url2dic my_cn_list.dic
```

### The file format of the whitelisted SNI (HTTPS)

Each line contains one SNI (without http:// prefix). It is allowed to use \*. For expample:

qiwi.ru \*.qiwi.ru

To convert into the internal format:

cat my\_sni\_list.txt|url2dic my\_sni\_list.bin



To prevent the https sites blocking, you have to prepare white list for CN, SNI with **\* symbol**, signaling that CN and SN can be any.

### The file format of the whitelisted IP addresses:

Each line contains one ip <space> port's number (443):

78.47.115.34 443 95.211.6.92 443

To convert into the internal format:

cat my\_ip\_list.txt|ip2bin my\_ip\_list.bin