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Management

This service is configured for individual subscribers by `fdpi_ctrl`.

Instruction format:

```
fdpi_ctrl command --service 5 [Services_list] [IP_list]
```

The instruction syntax and IP addresses specification methods are described in details here: [Control instructions](#).



When the service is activated, only TCP traffic is blocked. To block UDP traffic as well, you must [enable the `udp_block`](#) parameter.

Management of a default profile

Enable the "white list" operation for the particular subscriber with **a default profile** (is specified in `etc/dpi/fastdpi.conf` configuration file):

```
fdpi_ctrl load --service 5 --ip 192.168.0.1
```

Disable the "white list" operation for the particular subscriber:

```
fdpi_ctrl del --service 5 --ip 192.168.0.1
```

Management of a named profile

1. In order to create **a named profile** and activate the locking service with a profile for several subscribers

```
fdpi_ctrl load profile --service 5 --profile.name test_white --profile.json  
'{ "url_list" : "http://mysite.ru/myfile.bin" , "sni_list" :  
"http://mysite.ru/myfilesni.bin", "ip_list" :  
"http://mysite.ru/myfileip.bin", "cn_list" :  
"http://mysite.ru/myfilecn.bin", "redirect" : "mysite.ru/block" }'  
fdpi_ctrl load --service 5 --profile.name test_white --ip 192.168.0.1  
fdpi_ctrl load --service 5 --profile.name test_white --ip 192.168.0.2
```

here the following profile settings using the json format are specified:

- `redirect` - the redirection page¹⁾
- `url_list` - white URL list
- `sni_list` - white SNI list

- ip_list - white list of IP:PORT pairs²⁾
- cn_list - white list of Common Name³⁾



The list can be placed both on an external resource - in this case it is loaded before it is used, and in a local file, for example, "cn_list": "/tmp/cn_list.bin"

2. To search for subscribers who have an activated alert service with the specified profile name

```
fdpi_ctrl list all --service 5 --profile.name test_white
```

3. To delete a named profile(there should be no subscribers using this profile)

```
fdpi_ctrl del profile --service 5 --profile.name test_white
```

4. To change the service settings (profile) (new settings are applied to all the subscribers with a specified service profile)

```
fdpi_ctrl load profile --service 5 --profile.name test_white --profile.json  
'{ "url_list" : "http://mysite.ru/newfile.bin" , "ip_list" :  
"http://mysite.ru/myfileip.bin", "cn_list" :  
"http://mysite.ru/myfilecn.bin", "redirect" : "mysite.ru/block" }'
```

¹⁾
Attention: if you specify the https site, then you have to put the given domain on the list of SNI otherwise the domain will be blocked

²⁾ , ³⁾

a check against the ip:port or cname is run if the request does not contain URL or SNI