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Policing Management

Subscriber management is performed using the utility `fdpi_ctrl`.



We recommend using [Named profiles](#), which simplifies policing management.

Command Syntax

The general format of commands:

```
fdpi_ctrl command --policing policing_description_file [IP_list]
[LOGIN_list]
```

Explanation of command parameters:

| Parameter | Description, possible values, and format | Note |
|---------------------------|---|---|
| command | Values: 1. load — load data 2. del — delete. For <code>--service</code> , you need to specify the <code>service_identifier</code> 3. list — display information for the specified <code>IP_list</code> or all information if the <code>all</code> argument is provided. | In <code>list</code> and <code>del</code> commands, instead of an IP/LOGIN list, you can specify <code>all</code> , meaning the command will apply to all. |
| policing_description_file | A file in <code>cfg</code> format, e.g., <code>tbf.cfg</code> | |
| IP_list | Values: 1. <code>--file</code> — file with a list of IPs 2. <code>--ip</code> — single IP, format: <code>192.168.0.1</code> 3. <code>--ip_range</code> — IP range (inclusive), format: <code>192.168.0.1-192.168.0.5</code> 4. <code>--cidr</code> — IP with port, format: <code>192.168.0.0/30</code> , 5. <code>200.43.0/24~</code> (CIDR format with excluded boundary addresses) | Boundary addresses can be excluded from a CIDR range (following the classless addressing agreement — gateway and broadcast addresses) by adding the <code>~</code> symbol at the end of the CIDR definition, e.g., <code>--cidr 5.200.43.0/24~</code> . |
| LOGIN_list | Values: 1. <code>--file</code> — file with a list of logins 2. <code>--login</code> — single login, format: <code>USER1, "FIRST_NAME LAST_NAME"</code> (alternative for specifying a login with escaped special characters) | "USER1" — option for specifying login in double quotes 'USER2' — option for specifying login in single quotes |



A line starting with `#` is a comment.

Examples

1. Enable policing policy using a policing description file:

```
fdpi_ctrl load --policing tbf.cfg --ip 192.168.0.1
```

2. Get a list of applied policing:

```
fdpi_ctrl list all --policing
```

3. Get information for a specific IP:

```
fdpi_ctrl list --policing --ip 192.168.0.1
```

4. Enable policing policy using a named profile:

```
fdpi_ctrl load --policing --profile.name tariff_10 --login kv_111
```