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# Поддержка JSON

Для решения задач автоматизации более удобным может оказаться просмотр и задание настроек полисинга в формате JSON

## Первый вариант

Вывод настроек полисинга тарифного плана TEST в формате json:

```
fdpi_ctrl list profile --policing --profile.name TEST --outformat json
```

Загрузка настроек полисинга тарифного плана TEST в формате json:

Сокращенный формат (burst, cburst вычисляются автоматически):

```
fdpi_ctrl load profile --policing --profile.name TEST --profile.json '{
"type":"HTB", "outbound":{"root_rate":"20mbit","root_ceil":"20mbit",
"classes" : [ {"class":0, "rate":"8bit", "ceil":"20mbit"}, {"class":1,
"rate":"8bit", "ceil":"20mbit"}, {"class":2, "rate":"8bit",
"ceil":"20mbit"}, {"class":3, "rate":"8bit", "ceil":"20mbit"}, {"class":4,
"rate":"8bit", "ceil":"20mbit"}, {"class":5, "rate":"8bit",
"ceil":"20mbit"}, {"class":6, "rate":"8bit", "ceil":"20mbit"}, {"class":7,
"rate":"8bit", "ceil":"20mbit"} ]}, "inbound":{"
"root_rate":"20mbit","root_ceil":"20mbit", "classes" : [ {"class":0,
"rate":"8bit", "ceil":"20mbit"}, {"class":1, "rate":"8bit",
"ceil":"20mbit"}, {"class":2, "rate":"8bit", "ceil":"20mbit"}, {"class":3,
"rate":"8bit", "ceil":"20mbit"}, {"class":4, "rate":"8bit",
"ceil":"20mbit"}, {"class":5, "rate":"8bit", "ceil":"20mbit"}, {"class":6,
"rate":"8bit", "ceil":"20mbit"}, {"class":7, "rate":"8bit", "ceil":"20mbit"}
]}}'
```

Полный формат:

```
fdpi_ctrl load profile --policing --profile.name TEST --profile.json '{
"type":"HTB", "outbound":{"
"root_rate":"20mbit","root_ceil":"20mbit","root_burst":"10mbit","root_cburst
":"10mbit", "classes" : [ {"class":0, "rate":"8bit",
"ceil":"20mbit","burst":"8bit","cburst":"10mbit" }, {"class":1,
"rate":"8bit", "ceil":"20mbit","burst":"8bit","cburst":"10mbit"
}, {"class":2, "rate":"8bit",
"ceil":"20mbit","burst":"8bit","cburst":"10mbit" }, {"class":3,
"rate":"8bit", "ceil":"20mbit","burst":"8bit","cburst":"10mbit"
}, {"class":4, "rate":"8bit",
"ceil":"20mbit","burst":"8bit","cburst":"10mbit" }, {"class":5,
"rate":"8bit", "ceil":"20mbit","burst":"8bit","cburst":"10mbit"
}, {"class":6, "rate":"8bit",
"ceil":"20mbit","burst":"8bit","cburst":"10mbit" }, {"class":7,
"rate":"8bit", "ceil":"20mbit","burst":"8bit","cburst":"10mbit"
} ]}
```

```
"rate":"8bit", "ceil":"20mbit","burst":"8bit","cburst":"10mbit" } ]},
"inbound":{
"root_rate":"20mbit","root_ceil":"20mbit","root_burst":"10mbit","root_cburst
":"10mbit" , "classes" : [ {"class":0, "rate":"8bit",
"ceil":"20mbit","burst":"8bit","cburst":"10mbit" },{"class":1,
"rate":"8bit", "ceil":"20mbit","burst":"8bit","cburst":"10mbit"
},{"class":2, "rate":"8bit",
"ceil":"20mbit","burst":"8bit","cburst":"10mbit" },{"class":3,
"rate":"8bit", "ceil":"20mbit","burst":"8bit","cburst":"10mbit"
},{"class":4, "rate":"8bit",
"ceil":"20mbit","burst":"8bit","cburst":"10mbit" },{"class":5,
"rate":"8bit", "ceil":"20mbit","burst":"8bit","cburst":"10mbit"
},{"class":6, "rate":"8bit",
"ceil":"20mbit","burst":"8bit","cburst":"10mbit" },{"class":7,
"rate":"8bit", "ceil":"20mbit","burst":"8bit","cburst":"10mbit" } ]}}
```

## Второй вариант

Формат json2 содержит более подробные настройки — здесь разделены единицы измерения и значения скорости по отдельным ключам

Вывод настроек полисинга в формате json2:

```
fdpi_ctrl list profile --policing --profile.name TEST2 --outformat=json2
```

Загрузка настроек полисинга тарифного плана TEST в формате json2:

```
fdpi_ctrl load profile --policing --profile.name TEST2 --profile.json2 '{
"type":"HTB", "outbound":{
"root_rate_value":"100","root_rate_unit":"mbps","root_ceil_value":"100","roo
t_ceil_unit":"mbps","root_burst_value":"50","root_burst_unit":"mbit","root_c
burst_value":"50" ,"root_cburst_unit":"mbit" , "classes" : [ {"class":0,
"rate_value":"8", "rate_unit":"bps", "ceil_value":"100", "ceil_unit":"mbps",
"burst_value":"8", "burst_unit":"bit", "cburst_value":"50",
"cburst_unit":"mbit" },{"class":1, "rate_value":"8", "rate_unit":"bps",
"ceil_value":"100", "ceil_unit":"mbps", "burst_value":"8",
"burst_unit":"bit", "cburst_value":"50", "cburst_unit":"mbit" },{"class":2,
"rate_value":"8", "rate_unit":"bps", "ceil_value":"100", "ceil_unit":"mbps",
"burst_value":"8", "burst_unit":"bit", "cburst_value":"50",
"cburst_unit":"mbit" },{"class":3, "rate_value":"8", "rate_unit":"bps",
"ceil_value":"100", "ceil_unit":"mbps", "burst_value":"8",
"burst_unit":"bit", "cburst_value":"50", "cburst_unit":"mbit" },{"class":4,
"rate_value":"8", "rate_unit":"bps", "ceil_value":"100", "ceil_unit":"mbps",
"burst_value":"8", "burst_unit":"bit", "cburst_value":"50",
"cburst_unit":"mbit" },{"class":5, "rate_value":"8", "rate_unit":"bps",
"ceil_value":"100", "ceil_unit":"mbps", "burst_value":"8",
"burst_unit":"bit", "cburst_value":"50", "cburst_unit":"mbit" },{"class":6,
"rate_value":"8", "rate_unit":"bps", "ceil_value":"100", "ceil_unit":"mbps",
"burst_value":"8", "burst_unit":"bit", "cburst_value":"50",
```

```
"cburst_unit":"mbit" },{"class":7, "rate_value":"8", "rate_unit":"bps",
"ceil_value":"100", "ceil_unit":"mbps", "burst_value":"8",
"burst_unit":"bit", "cburst_value":"50", "cburst_unit":"mbit" } ]},
"inbound":{" bw_rate_value":"0" , "bw_rate_unit":"bps" , "bw_ceil_value":"0"
, "bw_ceil_unit":"bps" ,
"root_rate_value":"100","root_rate_unit":"mbps","root_ceil_value":"100","roo
t_ceil_unit":"mbps","root_burst_value":"50","root_burst_unit":"mbit","root_c
burst_value":"50" , "root_cburst_unit":"mbit" , "classes" : [ {"class":0,
"rate_value":"8", "rate_unit":"bps", "ceil_value":"100", "ceil_unit":"mbps",
"burst_value":"8", "burst_unit":"bit", "cburst_value":"50",
"cburst_unit":"mbit" },{"class":1, "rate_value":"8", "rate_unit":"bps",
"ceil_value":"100", "ceil_unit":"mbps", "burst_value":"8",
"burst_unit":"bit", "cburst_value":"50", "cburst_unit":"mbit" },{"class":2,
"rate_value":"8", "rate_unit":"bps", "ceil_value":"100", "ceil_unit":"mbps",
"burst_value":"8", "burst_unit":"bit", "cburst_value":"50",
"cburst_unit":"mbit" },{"class":3, "rate_value":"8", "rate_unit":"bps",
"ceil_value":"100", "ceil_unit":"mbps", "burst_value":"8",
"burst_unit":"bit", "cburst_value":"50", "cburst_unit":"mbit" },{"class":4,
"rate_value":"8", "rate_unit":"bps", "ceil_value":"100", "ceil_unit":"mbps",
"burst_value":"8", "burst_unit":"bit", "cburst_value":"50",
"cburst_unit":"mbit" },{"class":5, "rate_value":"8", "rate_unit":"bps",
"ceil_value":"100", "ceil_unit":"mbps", "burst_value":"8",
"burst_unit":"bit", "cburst_value":"50", "cburst_unit":"mbit" },{"class":6,
"rate_value":"8", "rate_unit":"bps", "ceil_value":"100", "ceil_unit":"mbps",
"burst_value":"8", "burst_unit":"bit", "cburst_value":"50",
"cburst_unit":"mbit" },{"class":7, "rate_value":"8", "rate_unit":"bps",
"ceil_value":"100", "ceil_unit":"mbps", "burst_value":"8",
"burst_unit":"bit", "cburst_value":"50", "cburst_unit":"mbit" } ]}}'
```