

ONT (LTP-X/LTP-N/MA4000)

OLT ONT «<>>. ONT OLT. <<>>.

ONT OLT - :

LTP-X / MA4000:

```
2017-01-18 05:11:39 pmchal: error:   [ONT2/0] License is not valid, configuration will not continue
```

LTP-N:

```
05 Apr 11:47:36 ERROR   ONT 9/1       - License is not valid, configuration will not continue
[fsm_pon_ont_petri_net.c:ont_license_check_open:364]
05 Apr 11:47:36 ERROR   ONT 9/1       - failed call: "ont_license_check_open(ont_object, true)". (Return error
code 10000.) [fsm_pon_ont.c:ont_config_ingress:1083]
```

, :

```
{
    "version":   "<VER>",
    "type":       "all",
    "count":      "<count>",
    "sn":         "<SN>",
    "mac":        "<MAC>",
    "sign":       "<hash>"
}
```

:

- *VER* – ;
- *count* – ONT , OLT;
- *SN* – LTP;
- *MAC* – MAC- LTP;
- *hash* – .

2 OLT.

1. copy:

LTP-X / MA4000:

```
ma4000# copy tftp://<IP>/<PATH> fs://license
Download file from TFTP-server..
License successfully installed. Please reboot device for changes to make effect
```

LTP-N:

```
LTP-16N# copy tftp://<IP>/<PATH> fs://license
Download file from TFTP-server..
License successfully installed.
```

:

- *IP* – IP- TFTP-;
- *PATH* – TFTP-.

2. CLI:

LTP-X / MA4000:

```
ma4000# license set ""<license>""
License successfully installed. Please reboot device for changes to make effect
```

LTP-N:

```
LTP-16N# license set ""<license>""
License saved.
License successfully installed.
```

:

- *license* – , , .

, **show**.

LTP-X / MA4000:

```
ma4000# show license
Active license information:
  License valid:      yes
  Version:            1.1
  Carrier:            Eltex Enterprise LLC
  Licensed vendor:    all
  Licensed ONT count: unlimited
  Licensed ONT online: 2
  SN:                 OL02000000
  Mac:                A8:F9:4B:00:00:00
```

LTP-N:

```
LTP-16N# show license
Active license information:
  License valid: yes
  Version: 1.2
  Board SN: GP2B000022
  Licensed vendor: all
  Licensed ONT count: 10
  Licensed ONT online: 3
```

OLT **no license**:

```
LTP-16N# no license
License file removed.
License successfully deleted from system.
LTP-16N# show license
Active license information:
  No license installed
```

, , .

OLT .



LTP-16N ONT. ONT.