

# Содержание



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# Configuration and administration

## File .env

Watch a tutorial (english subs):



Subsystem configuration is done by editing the .env file

```
/var/www/html/dpiui2/backed/.env
```

The file has the following content:

```
#System settings. It should remain unchanged.  
APP_ENV=local  
APP_DEBUG=true  
APP_KEY=  
APP_TIMEZONE=UTC  
  
#Application URL. It is needed to form the correct link when sending QoE  
reports to e-mail  
APP_URL=https://localhost/  
  
#System settings regarding connection to the MySQL DB, it should remain  
unchanged  
DB_CONNECTION=mysql  
DB_HOST=localhost  
DB_PORT=3306  
DB_DATABASE=dpiui2  
DB_USERNAME=root  
DB_PASSWORD=vasexperts  
  
#Settings regarding connection to the SMTP server. They are needed to send  
email notifications.  
CFG_SMTP_UNAME=dpiuitest@gmail.com
```

```
CFG_SMTP_PW=dpiuitestdpiuitest
CFG_SMTP_HOST=smtp.gmail.com
CFG_SMTP_PORT=587
#tls or ssl
CFG_SMTP_SECURE=tls

#Technical support address
CFG_SEND_ERROR_EMAIL=sd@vas.expert
#Address for sending of email copies
CFG_SEND_COPY_EMAIL=

#System settings, prohibited from changing
CACHE_DRIVER=file
QUEUE_DRIVER=database
SESSION_DRIVER=cookie

#Settings regarding connection to QoE Stor
QOESTOR_DB_HOST=localhost
QOESTOR_DB_PORT=8123
QOESTOR_DB_USER=default
QOESTOR_DB_PASS=vasexperts
QOESTOR_DB_NAME=qoestor
QOESTOR_CACHE_LIFE_TIME_SEC=3600
QOESTOR_MAIN_LOG_PARTITIONS_LIFE_TIME_HOUR=24
QOESTOR_AGG_LOG_PARTITIONS_LIFE_TIME_DAYS=15

#Subscriber synchronization period in minutes (for the Subscribers and
Services and Advertising sections)
SM_SUBSCRIBERS_UPDATE_PERIOD_MINUTES=30

#Data cleanup period for charts in the Performance Section
CHART_DATA_DELETE_DAYS_INTERVAL=60

#CG-NAT profile and statistics synchronization period
CG_NAT_SYNC_MINUTES_INTERVAL=5

#Хост Vas Cloud
VAS_CLOUD_HOST=5.200.37.122
```




If changes to .env have been made, you should run the following command: `dpui2 queue:restart`  
If the command is not found restart the ssh session in the terminal.

## Equipment connection

## Sudo user

The equipment is connected and controlled using the SSH protocol. Connection must be done under a user with sudo privileges, or under the root user (**not recommended**).

Watch a tutorial on connecting to DPI (english subs):



Video

A new user should be created with sudo access granted on the connected equipment.

Let's consider dpisu user creating as an example:

1. Create the dpisu user

```
adduser dpisu  
passwd dpisu
```

2. Add to the /etc/sudoers.d/dpisu file the following stuff

```
Defaults:dpisu !requiretty  
Defaults secure_path =  
/usr/local/sbin:/usr/local/bin:/sbin:/bin:/usr/sbin:/usr/bin:/root/bin  
dpisu ALL=(ALL) NOPASSWD: ALL
```

*By doing this, you disable the dpisu user requirement for a password and the requiretty requirement when switching to sudo mode.*

3. Disable the requiretty requirement in the file /etc/sudoers

```
sed -i "s/^.*requiretty/#Defaults requiretty/" /etc/sudoers
```

## Migrating the GUI from CentOS 7 to VEOS

1. Install the latest version of the GUI on a **new** machine. For more information, see [GUI installation](#)
2. Update the GUI to the latest version on an **old** machine. For more information, see [Upgrading](#)

3. Disable all cron jobs related to the GUI on the **old machine**:

```
# Back up current crontab jobs
crontab -l > ./cron_backup.txt

# Delete all user tasks
crontab -r

# Stopping the cron system service
sudo service crond stop
```

4. Export the dpiui2 database from the **old** machine using the mysqldump utility.



**Make sure you have enough free disk space beforehand!**

```
mysqldump -uroot -pvasexperts dpiui2 > dpiui2.sql
```

5. Back up the contents of the **old** machine in the /var/www/html/dpiui2 directory:

```
sudo tar -zcvpf var_www_html_dpiui2_$(date +"%Y_%m_%d_%I_%M").tar.gz
/var/www/html/dpiui2/*
```

6. Import the database created in step 4 to a **new** machine:

```
mysql -uroot -pvasexperts dpiui2 < ./dpiui2.sql
```

7. Upload the contents of the archive created in step 5 to the **new** machine, into the /var/www/html/dpiui2 folder:

```
sudo tar -xvzf var_www_html_dpiui2_2026_03_20_04_43.tar.gz -C /
```

8. Reinstall the GUI package on a **new** machine:

```
yum reinstall dpiui2
```

9. Verify that everything is working correctly on the **new** GUI and that all policies/services have been migrated

10. Run the uninstallation script on the **old** machine:

```
source <(curl https://vasexperts.ru/install/dpiui2-rpm_uninstall.sh)
```