

3. $\frac{1}{2} \cdot \frac{3}{4} = \frac{3}{8}$

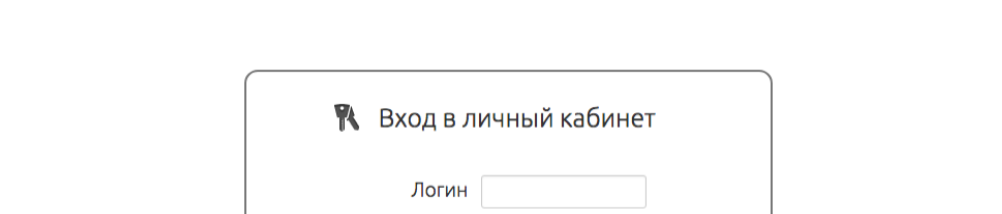
config/hupo_configuration.default.yml

```
password_recovery:
  enabled: true
  cache:
    expiration: 5 # minutes
  resend_interval: 30 # seconds
  phone_prefix: ""
  recovery_code_length: 4 # minimum 2
  script_path: /etc/hydra/hupo/recovery_script.sh
  max_codes_number: 3
```

- **enabled** — `. true/false;`
- **cache.expiration** — `( , , );`
- **resend_interval** — `, , ;`
- **phone_prefix** — `, , ;`
- **recovery_code_length** — `; 3`
- **script_path** — `( ). 3:`
 1. `, " 0102", locales/ru.yml, password_recovery.recovery_message;`
 2. `, "0102";`
 3. `, (, "("), ), 79035301234;`
- **max_codes_number** — `.`

9 9 *

" ?" . **enabled: true.**



hydra-billing.ru

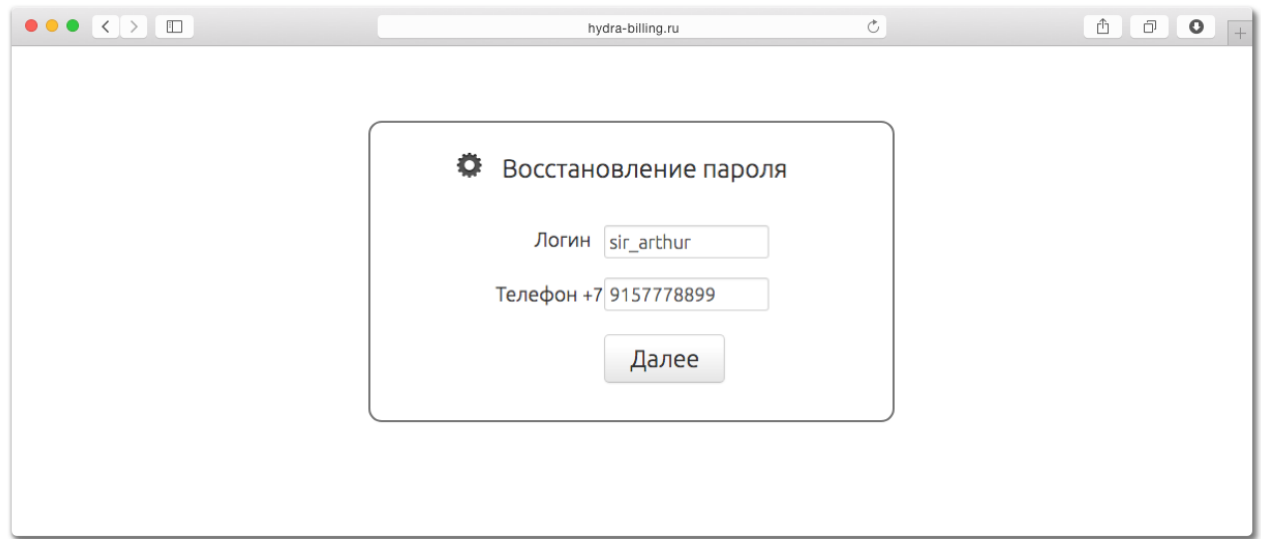
Вход в личный кабинет

Логин

Пароль

[Забыли пароль?](#)

Войти



```
:"+7". phone_prefix . , .
— , — , .
, , . "(915) - 777 - 88 - 99", "79157778899". .
, , : " ".
```

locales/ru.yml, password_recovery.errors.

```
recovery_code_length. . , "0001".
( , , , ) . , . : "recovery_{login}". : "recovery_sir_arthur".
```

```
script_path. , 3 - . , .
```

Python SMS- (<https://smc.ru>):

send_sms.py

```
#!/usr/bin/env python
# -*- coding: UTF-8 -*-

import sys, os, re

login = "SmsCenterLogin"
password = "PassHere"

#
if len(sys.argv) < 3:
    os._exit(0)

#
phone_number = sys.argv[3] #
msg = sys.argv[1]          # ,
code = sys.argv[2]         #

#
p = re.compile("^\\d{11}$")
phone_match = p.match(phone_number)
if not(phone_match) or ((phone_match) and (phone_match.group() != phone_number)):
    os._exit(0)

#      SMS-
cmd = "curl --url \"https://smc.ru/sys/send.php\" -d \" + \
      \"login=%s&psw=%s&phones=%s&mes=%s&charset=utf-8\" % \
      (login, password, phone_number, msg)

#      SMS-
os.system(cmd)
```

docker-

HUPO docker- pyenv , bash, curl . docker-compose.yml (chmod +x send_sms.sh).

:

send_sms.sh

```
#!/bin/bash
# ! , - !
#set -x - !

#
if [ "$#" -ne 3 ]; then
    exit 1
fi

MSG=$1
PIN=$2
PHONE=$3
#PHONE='998933221122' # - 12 , 11

DATE=$(date +"%x %T")
LOGFILE=/tmp/password_recovery_hupo.log

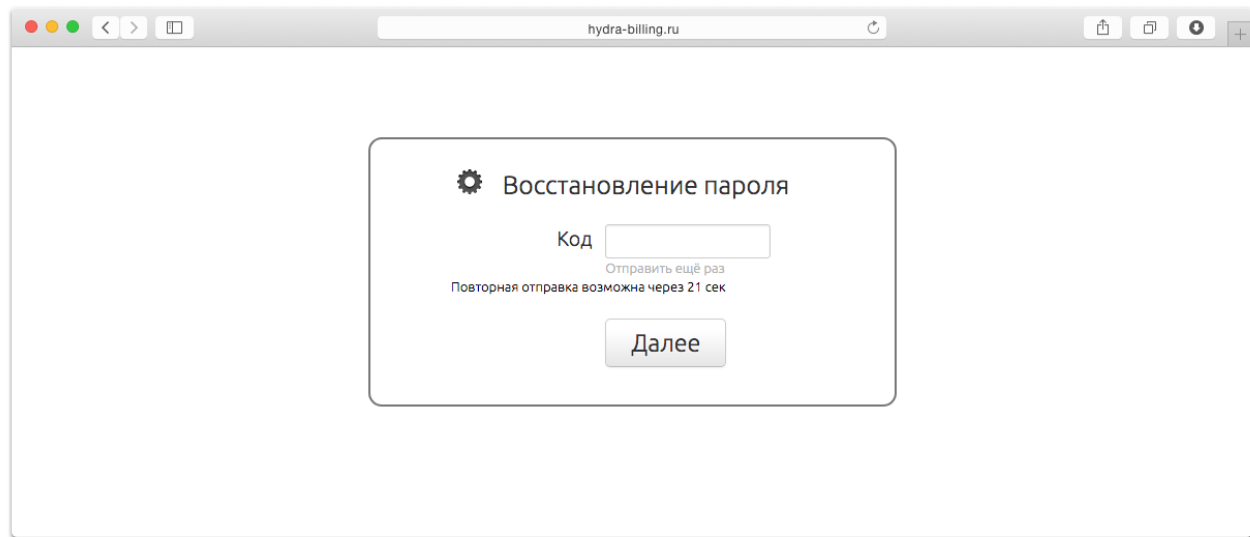
PSW='CHANGE_ME'
LGN='CHANGE_ME'
CGPN='CHANGE_ME'
URL='http://sms.com:8088/json2sms' #

#
PHONE=`echo "$3" | sed -n '/^[0-9]\{12\}$/p'` # - 12 , 11
if [ -z "$PHONE" ]; then
    exit 1
fi

# SMS-
echo -e | curl --header "Content-Type: application/json" --request POST --data \
"{\"login\":\"$LGN\", \"pwd\":\"$PSW\", \"CgPN\":\"$CGPN\", \"CdPN\":\"$PHONE\", \"text\":\"$MSG\"}" --url $URL -v

echo "$DATE curl --header \"Content-Type: application/json\" --request POST --data \
'{\"login\":\"$LGN\", \"pwd\":\"$PSW\", \"CgPN\":\"$CGPN\", \"CdPN\":\"$PHONE\", \"text\":\"$MSG\"}'" --url $URL -v"
>> $LOGFILE
```

"" , . , " " , .



```
, resend_interval.  
max_codes_number. , " . ".
```

```
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```
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```

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```

 .

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 , (,) . cache.expiration .