

# EAPI

This is a Command line API to perform operations.

- [Introduction](#)
- [login](#)
- [userinfo](#)

# Introduction

## About eapi

The eapi is a command line API tool to manage some basic operations on Eenos. This api tool will help to develop Eenos apps.

This API tool have currently some limited functionality, if you like to see some features on this, please let us know.

## How to access eapi?

Please use the command line `/usr/bin/eapi`

## Results From EAPI

The EAPI will output results as **YAML**, **JSON**, or **JsonPretty** format. The default output format is YAML. The eapi output contains three parts.

- **status**: This shows if the API action is successful or not by providing values **ok** or **failed** respectively
- **message**: A generic message with the API actions
- **data**: A structured data associated with the api actions

All available API commands can be refereed from the coming pages.

# login

## Authentication or Login Check

To test the login of an Eenos user with the password.

Please provide the password in a base64 encoded format.

It is dangerous to use this command in plain shell which will expose the password of the user. Use this command for testing purposes only and change the user password after testing.

### Command:

```
/usr/local/eenos/scripts/eapi --user=EENOS_USER --login=base64_ENCODED_PASSWORD
```

Where,

- **EENOS\_USER** is the user name of the eenos accounts
- **base64\_ENCODED\_PASSWORD** is the base64 encoded password of the user

### Output:

An Example output for Eenso user foo is as follows,

```
data:
  user: foo
message: Login success - foo
status: ok
```



# userinfo

## Get the Eenos User Information

This api option will fetch the Eenso user information and show it.

### Command:

```
/usr/local/eenos/scripts/eapi --userinfo --user=USER
```

Where **USER** is the Eenos username

### Example :

Fetch the user info of Eenos user **fun** as YAML

```
# /usr/local/eenos/scripts/eapi --userinfo --user=fun
data:
  addondomains: unlimited
  bandwidth: unlimited
  contactemail: fun@fun.com
  dedicatedip:
    ipv4: 10.40.192.204
    ipv6: 2a01:4f8:120:20xx::xx
  status: 'off'
  status6: 'off'
  dkim: 'on'
  domain: fun.com
  email: unlimited
  feature: Default
  ftp: unlimited
  homedir: /home/fun
  language: en
  maillist: unlimited
  mailquota: unlimited
  mailserver: local
  nameservers:
```

```
- ns1.domain.com
- ns2.domain.com
- ns3.domain.com
owner: root
package: Gold
parkeddomains: unlimited
quota: unlimited
reseller:
  selfown: 'off'
  status: 'off'
setuptime: 2021-01-23 23:14
shell:
  shell: /usr/sbin/nologin
  status: 'off'
spf: 'on'
sql: unlimited
subdomains: unlimited
theme: default
user: fun
message: user information of - fun
status: ok
```

Fetch the user info of Eenos user fun as JSON Pretty

```
# /usr/local/eenos/scripts/eapi --userinfo --user=fun --output=jsonpretty
{
  "status": "ok",
  "message": "user information of - fun",
  "data": {
    "addondomains": "unlimited",
    "bandwidth": "unlimited",
    "contactemail": "fun@fun.com",
    "dedicatedip": {
      "ipv4": "10.40.192.204",
      "ipv6": "2a01:4f8:120:20xx::xx",
      "status": "off",
      "status6": "off"
    },
    "dkim": "on",
    "domain": "fun.com",
```

```
"email": "unlimited",
"feature": "Default",
"ftp": "unlimited",
"homedir": "/home/fun",
"language": "en",
"maillist": "unlimited",
"mailquota": "unlimited",
"mailserver": "local",
"nameservers": [
  "ns1.domain.com",
  "ns2.domain.com",
  "ns3.domain.com"
],
"owner": "root",
"package": "Gold",
"parkeddomains": "unlimited",
"quota": "unlimited",
"reseller": {
  "selfown": "off",
  "status": "off"
},
"setuptime": "2021-01-23 23:14",
"shell": {
  "shell": "/usr/sbin/nologin",
  "status": "off"
},
"spf": "on",
"sql": "unlimited",
"subdomains": "unlimited",
"theme": "default",
"user": "fun"
}
```