

Install and use the Morpheus CLI tool

This article describes the installation of a command-line tool to control Morpheus via its API. A simple example of rebooting a VM is demonstrated.

Step-by-step guide

As a root user, please follow the below steps,

1. Fetch GPG Keys:

```
# curl -sSL https://rvm.io/pkuczynski.asc | sudo gpg2 --import -
```

2. Download and install Ruby on Rails:

```
# curl -sSL https://get.rvm.io | bash -s stable --rails
```

3. Source the environmental variables and install the morpheus-cli gem:

```
# source /usr/local/rvm/scripts/rvm
# gem install morpheus-cli
```

4. Run the following commands to log-in as your Morpheus User:

```
# morpheus remote add

Name: EUM HCMP

URL: https://hcmp.icsi.eumetsat.int

Added remote EUM HCMP

Inspecting remote appliance https://hcmp.icsi.eumetsat.int ...

Status is: READY

Would you like to login now? (yes/no) [yes]: yes

Enter Morpheus Credentials for EUM HCMP - https://hcmp.icsi.eumetsat.int

Username: | USERNAME

Password: | PASSWORD

Success! Logged in to EUM HCMP as USERNAME.
```

5. Later on, the user can log in using the following command:

```
# morpheus login -r 'EUM HCMP' -u 'USERNAME' -p 'PASSWORD'
```

6. Run the following to restart a VM:

```
# morpheus instances restart testvm -y
```

```
Restarting instance testvm
```

```
# morpheus instances get testvm
```

Instance Details

```
=====
```

```
ID: 5103
Name: testvm
Description:
Group: VIOGRP
Cloud: GPD
Type: Centos ECMWF
Layout: Centos-ECMWF-RAW
Version: Centos-ECMWF-RAW
Plan: s2.medium.1
Environment:
Tags:
Metadata:
Power Schedule:
Created By: ezzat
Date Created: 02/11/20 10:53 AM
Nodes: 1
Connection: 192.168.0.124:
Status: RESTARTING
```

Instance Usage

```
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```

```
CPU: [ |                                     ] 0.65%
Memory: [ ||||||||||| ] 23.58%      228.10 MiB / 967.37 MiB
Storage: [ ||||||||||| ] 18.71%      1.87 GiB / 10.00 GiB
```



Please find the complete CLI documentation here: <https://github.com/gomorpheus/morpheus-cli/wiki/CLI-Manual>

Related articles

- [Add your SSH key pair to Morpheus](#)
- [Provision a new instance - web](#)
- [How to create S3 buckets in Morpheus](#)
- [Working with Apps and Blueprints in Morpheus](#)
- [New instance stuck finalising provision](#)