RHV / oVirt Shell CLI ....

RHV / oVirt Shell CLI

```
[root@rhevm ~]# rhevm-shell -l "https://192.168.0.180:443/ovirt-engine/api"
-u "admin@internal" -K "/etc/pki/ovirt-engine/private/ca.pem" -C
"/etc/pki/ovirt-engine/certs/engine.cer" -A "/etc/pki/ovirt-engine/ca.pem" -
I -D -c
Password:

========================================================================
======================================================
                                          >>> connected to RHEVM
manager 3.6.12.0 <<<
========================================================================
======================================================

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                                          Welcome to RHEVM
shell

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[RHEVM shell (connected)]#
```

```
[root@rhevm ~]# rhevm-shell -I -D
URL: https://192.168.0.180/ovirt-engine/api
Username: admin@internal
Password: [PASSWORD]

========================================================================
======================================================
                                          >>> connected to RHEVM
manager 3.6.12.0 <<<
========================================================================
======================================================

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++++++++++++++++++++++++++++++++++++++++++++++++++++++++

                                          Welcome to RHEVM
shell
```

```
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[RHEVM shell (connected)]#
```

```
[root@rhevm ~]# rhevm-shell
URL: [ENTER]
Username: [ENTER]
Password: [ENTER]

  ================================================================= ERROR
============================================================
                                                missing configuration
variable: url.
======================================================================
====================================================


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                                                Welcome to RHEVM
shell


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[RHEVM shell (disconnected)]#

[RHEVM shell (disconnected)]# connect --key-file /etc/pki/ovirt-
engine/private/ca.pem --cert-file /etc/pki/ovirt-engine/certs/engine.cer --
ca-file /etc/pki/ovirt-engine/ca.pem --url
"https://rhevm.local.domain:443/ovirt-engine/api" --user "admin@internal" --
password 'redhat'


======================================================================
====================================================
                                                >>> connected to RHEVM
manager 3.6.12.0 <<<
======================================================================
====================================================


[RHEVM shell (connected)]#
```

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- action execute an action on an object
- add creates a new object or adds existent
- capabilities displaying system capabilities
- clear clear the screen
- connect connect to a RHEV manager
- console open a console to a VM
- disconnect disconnect from RHEV manager
- exit quit this interactive terminal
- help show help
- history displaying commands history
- info shows environment and application components info
- list list or search objects
- ping test the connection
- remove removes an object
- show show one object
- status shows last command status
- summary displaying the system status
- update update an object

.

```
[RHEVM shell (connected)]# help
```

```
          auto complete              TAB
      .
```

VM List

```
[RHEVM shell (connected)]# list vms

id          : fa75ece3-088c-4f18-9e5b-2799ab3a05f5
name        : test
```

VM status

```
[RHEVM shell (connected)]# show vm test

id                              : fa75ece3-088c-4f18-9e5b-2799ab3a05f5
name                            : test
bios-boot_menu-enabled          : False
cluster-id                      : 84e4c9df-4f36-4216-a8f5-2740a2b33a02
cpu-architecture                : X86_64
```

```
cpu-topology-cores                    : 1
cpu-topology-sockets                  : 1
cpu-topology-threads                  : 1
cpu_profile-id                        : 60d2ce90-c1b6-4718-8466-d8d9d8a13b3f
cpu_shares                            : 0
creation_time                         : 2020-05-06 14:58:04.080000+09:00
delete_protected                      : False
display-allow_override                : True
display-copy_paste_enabled            : True
display-disconnect_action             : LOCK_SCREEN
display-file_transfer_enabled         : True
display-monitors                      : 1
display-single_qxl_pci                : False
display-smartcard_enabled             : False
display-type                          : spice
high_availability-enabled             : False
high_availability-priority            : 1
initialization-custom_script          :
initialization-regenerate_ssh_keys: False
io-threads                            : 0
large_icon-id                         : 3dda812c-3a6a-4f46-8c81-c89dbf286f03
memory                                : 1073741824
memory_policy-guaranteed              : 1073741824
migration-auto_converge               : inherit
migration-compressed                  : inherit
migration_downtime                    : -1
next_run_configuration_exists         : False
numa_tune_mode                        : interleave
origin                                : ovirt
os-boot-dev                           : hd
os-type                               : other
placement_policy-affinity             : migratable
small_icon-id                         : 7ff20b9d-f985-4c4f-a31f-d2891a1fa43f
sso-methods-method-id                 : GUEST_AGENT
start_paused                          : False
stateless                             : False
status-state                          : down
stop_reason                           :
stop_time                             : 2020-05-07 03:31:37.776000+09:00
template-id                           : 00000000-0000-0000-0000-000000000000
time_zone-name                        : Etc/GMT
timezone                              : Etc/GMT
type                                  : server
usb-enabled                           : False
```

Live Migration

```
[RHEVM shell (connected)]# action vm test migrate --host-name hyp2
```

```
host-name   : hyp2
job-id      : 5261cd99-93e9-4d29-9ac4-b6f9ba06c50a
status-state: complete
vm-id       : fa75ece3-088c-4f18-9e5b-2799ab3a05f5
```

VM

```
[RHEVM shell (connected)]# action vm test stop

job-id      : b64449eb-d2a9-4288-93bd-bb9462d6e9b4
status-state: complete
vm-id       : fa75ece3-088c-4f18-9e5b-2799ab3a05f5
```

VM

```
[RHEVM shell (connected)]# action vm test start

job-id      : b64449eb-d2a9-4288-93bd-bb9462d6e9b4
status-state: complete
vm-id       : fa75ece3-088c-4f18-9e5b-2799ab3a05f5
```

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Last update: **2020/05/07 03:42**