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RHV / oVirt Shell CLI

```
[root@rhevm ~]# rhvm-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 <<<
```

```
=====
=====
+++++
+++++
Welcome to RHEVM
shell
```

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

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

```
===== ERROR
=====
missing configuration
variable: url.
=====
=====
+++++
+++++
Welcome to RHEVM
shell
```

```
+++++
+++++
```

```
[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)]#
```

- 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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