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

```
=====
=====
```

>>> connected to RHEVM

manager 3.6.12.0 <<<

```
=====
=====
```

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

Welcome to RHEVM

shell

++++
++++

[RHEVM shell (connected)]#

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

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

++++
++++

shell Welcome to RHEVM

++++
++++

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

