

## vmware-cmd Command line tool

vmware-cmd VM Management in the console

vmware-cmd -l

Sample:

```
[root@esxhost root]# vmware-cmd -l
```

```
/vmfs/volumes/44ee9812-da790870-b7f7-00145e1b5242/cumuli/cumuli.vmx
```

```
/vmfs/volumes/44ebf538-51cc7998-2525-00145e1b556a/printer/printer.vmx
```

List path and names of .registered VM vmx files on the present host

Very important!

Use the path with the UUID (vmfslabel) where requested in vmware-cmd use vmware-cmd -l command to retrieve the UUID list

vmware-cmd /vmfs/volume/vmfslabel/VMName/VMName.vmx getstate

Sample:

```
[root@esxhost root]# vmware-cmd /vmfs/volumes/44ebf538-51cc7998-2525-00145e1b556a/printer/printer.vmx getstate
```

```
getstate() = on
```

Retrieve power state of the VM: off, on, suspended, stuck  
getstat

vmware-cmd vmfs/volume/vmfslabel/VMName/VMName.vmx reset trysoft

Sample:

```
[root@esxhost root]# vmware-cmd /vmfs/volumes/44ebf538-51cc7998-2525-00145e1b556a/printer/printer.vmx reset  
trysoft
```

```
reset(trysoft) = 1
```

Reboot the VM. First try a nice shutdown, then if necessary force a shutdown before reboot  
reboot

```
vmware-cmd vmfs/volume/vmfslabel/VMName/VMName.vmx start
```

Sample:

```
[root@esxhost root]# vmware-cmd /vmfs/volumes/44ebf538-51cc7998-2525-00145e1b556a/printer/printer.vmx start
```

```
start() = 1
```

Power on the VM  
start

```
vmware-cmd vmfs/volume/vmfslabel/VMName/VMName.vmx stop trysoft
```

```
vmware-cmd vmfs/volume/vmfslabel/VMName/VMName.vmx stop hard
```

Sample:

```
[root@esxhost root]# vmware-cmd /vmfs/volumes/44ebf538-51cc7998-2525-00145e1b556a/printer/printer.vmx stop  
trysoft
```

```
stop(trysoft) = 1
```

Shutdown/halt the VM. First try a nice shutdown, then if necessary force a shutdown. Finally power off.  
shutdown

```
vmware-cmd vmfs/volume/vmfslabel/VMName/VMName.vmx suspend
```

Sample:

```
[root@esxhost root]# vmware-cmd /vmfs/volumes/44ebf538-51cc7998-2525-00145e1b556a/printer/printer.vmx suspend
```

```
suspend() = 1
```

Suspend the VM  
suspend

```
vmware-cmd vmfs/volume/vmfslabel/VMName/VMName.vmx hassnapshot
```

Sample:

```
[root@esxhost root]# vmware-cmd /vmfs/volumes/44ebf538-51cc7998-2525-00145e1b556a/printer/printer.vmx hassnapshot
```

```
hassnapshot() =
```

Query if VM has a snapshot  
snapshot

```
vmware-cmd createsnapshot name description quiesce memory
```

Sample:

```
[root@esxhost root]# vmware-cmd /vmfs/volumes/44ebf538-51cc7998-2525-00145e1b556a/printer/printer.vmx createsnapshot "snap1" "before patching" quiesce memory
```

```
createsnapshot(snap1 before patching quiesce memory) = 1
```

```
[root@esxhost root]# vmware-cmd /vmfs/volumes/44ebf538-51cc7998-2525-00145e1b556a/printer/printer.vmx hassnapshot
```

```
hassnapshot() = 1
```

Quiesce will quiesce file system writes

Memory will grab the memory state (will lose pings during this)  
createsnapshot

```
vmware-cmd vmfs/volume/vmfslabel/VMName/VMName.vmx revertssnapshot
```

Sample:

```
[root@vs03 root]# vmware-cmd /vmfs/volumes/44ebf538-51cc7998-2525-00145e1b556a/printer/printer.vmx  
revertsnapshot
```

```
revertsnapshot() = 1
```

Revert to previous created snapshot (you loose the current VM state!)

```
revertsnapshot
```

```
vmware-cmd vmfs/volume/vmfslabel/VMName/VMName.vmx removesnapshots
```

Sample:

```
[root@esxhost root]# vmware-cmd /vmfs/volumes/44ebf538-51cc7998-2525-00145e1b556a/printer/printer.vmx  
removesnapshots
```

```
removesnapshots() = 1
```

Remove previous created snapshots (you keep the current VM state!)

```
removesnapshots
```

```
vmware-cmd -s register vmfs/volume/vmfslabel/VMName/VMName.vmx
```

Sample:

```
[root@esxhost root]# vmware-cmd -s register /vmfs/volumes/44ebf538-51cc7998-2525-  
00145e1b556a/printer/printer.vmx
```

```
register(/vmfs/volumes/44ebf538-51cc7998-2525-00145e1b556a/printer/printer.vmx) = 1
```

Register VM (add to inventory)

```
register
```

```
vmware-cmd -s unregister vmfs/volume/vmfslabel/VMName/VMName.vmx
```

Sample:

```
[root@esxhost root]# vmware-cmd -s unregister /vmfs/volumes/44ebf538-51cc7998-2525-  
00145e1b556a/printer/printer.vmx
```

```
unregister(/vmfs/volumes/44ebf538-51cc7998-2525-00145e1b556a/printer/printer.vmx) = 1
```

Unregister VM (add to inventory)  
unregister

```
vmware-cmd vmfs/volume/vmfslabel/VMName/VMName.vmx answer
```

Sample:

```
[root@esxhost root]# vmware-cmd /vmfs/volumes/44ebf538-51cc7998-2525-00145e1b556a/printer/printer.vmx answer
```

No questions pending.

In this case there is no pending input request. If there is any pending input request you will be prompted for the answer.

answer pending request for userinput

answer