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-cmduse 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 revertsnapshot

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 promptet for the answser.

answer pending request for userinput

answer