VBoxManage createvm --name CentOS\_II –-ostype RedHat\_64 --register

$ VBoxManage list vms

$ VBoxManage list runningvms

$ VBoxManage list -l runningvms

$ VBoxManage list ostypes

$ VBoxManage createvm --name CentOS\_II -–ostype RedHat\_64 --register

$ VBoxManage showvminfo CentOS\_CLI1

$ VBoxManage modifyvm CentOS\_CLI1 --nic1 bridged --bridgeadapter1 eth0

$ VBoxManage createhd --filename /path/to/hard\_drive\_image/OracleLinux6Test.vdi --size 5120

$ VBoxManage storageattach OracleLinux6Test --storagectl "SATA Controller"

--port 0 --device 0 --type hdd

--medium /path/to/hard\_drive\_image/OracleLinux6Test.vdi

$ VBoxManage storagectl OracleLinux6Test --name "IDE Controller" --add ide

$ VBoxManage storageattach OracleLinux6Test --storagectl "IDE Controller"

--port 0 --device 0 --type dvddrive --medium host:/dev/dvd

$ VBoxManage showvminfo OracleLinux6Test | grep "IDE Controller"

Storage Controller Name (0): IDE Controller

IDE Controller (0, 0): /dev/sr0 (UUID: 00445644-0000-0000-2f64-65762f737230)

$ VBoxManage startvm OracleLinux6Test

follow the onscreen instructions to complete the installation. Figure 4 shows the first Oracle Linux 6.5 installation screen you should see upon the first start of the VM.

$ VBoxManage controlvm OracleLinux6Test acpipowerbutton

$ VBoxManage controlvm OracleLinux6Test poweroff

$ VBoxManage storageattach OracleLinux6Test --storagectl "IDE Controller"

--port 0 --device 0 --type dvddrive --medium none >

When running **VBoxManage** without parameters or when supplying an invalid command line, the following command syntax list is shown. Note that the output will be slightly different depending on the host platform. If in doubt, check the output of **VBoxManage** for the commands available on your particular host.

Usage:

VBoxManage [<general option>] <command>

General Options:

[-v|--version] print version number and exit

[-q|--nologo] suppress the logo

[--settingspw <pw>] provide the settings password

[--settingspwfile <file>] provide a file containing the settings password

[@<response-file>] load arguments from the given response file (bourne style)

Commands:

list [--long|-l] [--sorted|-s] vms|runningvms|ostypes|hostdvds|hostfloppies|

intnets|bridgedifs|hostonlyifs|natnets|dhcpservers|

hostinfo|hostcpuids|hddbackends|hdds|dvds|floppies|

usbhost|usbfilters|systemproperties|extpacks|

groups|webcams|screenshotformats|cloudproviders|

cloudprofiles

showvminfo <uuid|vmname> [--details]

[--machinereadable]

showvminfo <uuid|vmname> --log <idx>

registervm <filename>

unregistervm <uuid|vmname> [--delete]

createvm --name <name>

[--groups <group>, ...]

[--ostype <ostype>]

[--register]

[--basefolder <path>]

[--uuid <uuid>]

[--default]

modifyvm <uuid|vmname>

[--name <name>]

[--groups <group>, ...]

[--description <desc>]

[--ostype <ostype>]

[--iconfile <filename>]

[--memory <memorysize in MB>]

[--pagefusion on|off]

[--vram <vramsize in MB>]

[--acpi on|off]

[--pciattach 03:04.0]

[--pciattach 03:04.0@02:01.0]

[--pcidetach 03:04.0]

[--ioapic on|off]

[--hpet on|off]

[--triplefaultreset on|off]

[--apic on|off]

[--x2apic on|off]

[--paravirtprovider none|default|legacy|minimal|

hyperv|kvm]

[--paravirtdebug <key=value> [,<key=value> ...]]

[--hwvirtex on|off]

[--nestedpaging on|off]

[--largepages on|off]

[--vtxvpid on|off]

[--vtxux on|off]

[--pae on|off]

[--longmode on|off]

[--ibpb-on-vm-exit on|off]

[--ibpb-on-vm-entry on|off]

[--spec-ctrl on|off]

[--l1d-flush-on-sched on|off]

[--l1d-flush-on-vm-entry on|off]

[--mds-clear-on-sched on|off]

[--mds-clear-on-vm-entry on|off]

[--nested-hw-virt on|off]

[--cpu-profile "host|Intel 80[86|286|386]"]

[--cpuid-portability-level <0..3>]

[--cpuid-set <leaf[:subleaf]> <eax> <ebx> <ecx> <edx>]

[--cpuid-remove <leaf[:subleaf]>]

[--cpuidremoveall]

[--hardwareuuid <uuid>]

[--cpus <number>]

[--cpuhotplug on|off]

[--plugcpu <id>]

[--unplugcpu <id>]

[--cpuexecutioncap <1-100>]

[--rtcuseutc on|off]

[--graphicscontroller none|vboxvga|vmsvga|vboxsvga]

[--monitorcount <number>]

[--accelerate3d on|off]

[--accelerate2dvideo on|off]

[--firmware bios|efi|efi32|efi64]

[--chipset ich9|piix3]

[--bioslogofadein on|off]

[--bioslogofadeout on|off]

[--bioslogodisplaytime <msec>]

[--bioslogoimagepath <imagepath>]

[--biosbootmenu disabled|menuonly|messageandmenu]

[--biosapic disabled|apic|x2apic]

[--biossystemtimeoffset <msec>]

[--biospxedebug on|off]

[--boot<1-4> none|floppy|dvd|disk|net>]

[--nic<1-N> none|null|nat|bridged|intnet|hostonly|

generic|natnetwork]

[--nictype<1-N> Am79C970A|Am79C973|

82540EM|82543GC|82545EM|

virtio]

[--cableconnected<1-N> on|off]

[--nictrace<1-N> on|off]

[--nictracefile<1-N> <filename>]

[--nicproperty<1-N> name=[value]]

[--nicspeed<1-N> <kbps>]

[--nicbootprio<1-N> <priority>]

[--nicpromisc<1-N> deny|allow-vms|allow-all]

[--nicbandwidthgroup<1-N> none|<name>]

[--bridgeadapter<1-N> none|<devicename>]

[--hostonlyadapter<1-N> none|<devicename>]

[--intnet<1-N> <network name>]

[--nat-network<1-N> <network name>]

[--nicgenericdrv<1-N> <driver>]

[--natnet<1-N> <network>|default]

[--natsettings<1-N> [<mtu>],[<socksnd>],

[<sockrcv>],[<tcpsnd>],

[<tcprcv>]]

[--natpf<1-N> [<rulename>],tcp|udp,[<hostip>],

<hostport>,[<guestip>],<guestport>]

[--natpf<1-N> delete <rulename>]

[--nattftpprefix<1-N> <prefix>]

[--nattftpfile<1-N> <file>]

[--nattftpserver<1-N> <ip>]

[--natbindip<1-N> <ip>]

[--natdnspassdomain<1-N> on|off]

[--natdnsproxy<1-N> on|off]

[--natdnshostresolver<1-N> on|off]

[--nataliasmode<1-N> default|[log],[proxyonly],

[sameports]]

[--macaddress<1-N> auto|<mac>]

[--mouse ps2|usb|usbtablet|usbmultitouch]

[--keyboard ps2|usb]

[--uart<1-N> off|<I/O base> <IRQ>]

[--uartmode<1-N> disconnected|

server <pipe>|

client <pipe>|

tcpserver <port>|

tcpclient <hostname:port>|

file <file>|

<devicename>]

[--uarttype<1-N> 16450|16550A|16750]

[--lpt<1-N> off|<I/O base> <IRQ>]

[--lptmode<1-N> <devicename>]

[--guestmemoryballoon <balloonsize in MB>]

[--vm-process-priority default|flat|low|normal|high]

[--audio none|null|dsound|oss|alsa|pulse|

oss|pulse|coreaudio]

[--audioin on|off]

[--audioout on|off]

[--audiocontroller ac97|hda|sb16]

[--audiocodec stac9700|ad1980|stac9221|sb16]

[--clipboard disabled|hosttoguest|guesttohost|

bidirectional]

[--draganddrop disabled|hosttoguest|guesttohost|

bidirectional]

[--vrde on|off]

[--vrdeextpack default|<name>]

[--vrdeproperty <name=[value]>]

[--vrdeport <hostport>]

[--vrdeaddress <hostip>]

[--vrdeauthtype null|external|guest]

[--vrdeauthlibrary default|<name>]

[--vrdemulticon on|off]

[--vrdereusecon on|off]

[--vrdevideochannel on|off]

[--vrdevideochannelquality <percent>]

[--usbohci on|off]

[--usbehci on|off]

[--usbxhci on|off]

[--usbrename <oldname> <newname>]

[--snapshotfolder default|<path>]

[--teleporter on|off]

[--teleporterport <port>]

[--teleporteraddress <address|empty>]

[--teleporterpassword <password>]

[--teleporterpasswordfile <file>|stdin]

[--tracing-enabled on|off]

[--tracing-config <config-string>]

[--tracing-allow-vm-access on|off]

[--usbcardreader on|off]

[--autostart-enabled on|off]

[--autostart-delay <seconds>]

[--recording on|off]

[--recordingscreens all|<screen ID> [<screen ID> ...]]

[--recordingfile <filename>]

[--recordingvideores <width> <height>]

[--recordingvideorate <rate>]

[--recordingvideofps <fps>]

[--recordingmaxtime <s>]

[--recordingmaxsize <MB>]

[--recordingopts <key=value> [,<key=value> ...]]

[--defaultfrontend default|<name>]

movevm <uuid|vmname>

--type basic

[--folder <path>]

import <ovfname/ovaname>

[--dry-run|-n]

[--options keepallmacs|keepnatmacs|importtovdi]

[more options]

(run with -n to have options displayed

for a particular OVF)

export <machines> --output|-o <name>.<ovf/ova/tar.gz>

[--legacy09|--ovf09|--ovf10|--ovf20|--opc10]

[--manifest]

[--iso]

[--options manifest|iso|nomacs|nomacsbutnat]

[--vsys <number of virtual system>]

[--vmname <name>]

[--product <product name>]

[--producturl <product url>]

[--vendor <vendor name>]

[--vendorurl <vendor url>]

[--version <version info>]

[--description <description info>]

[--eula <license text>]

[--eulafile <filename>]

[--cloud <number of virtual system>]

[--vmname <name>]

[--cloudprofile <cloud profile name>]

[--cloudbucket <bucket name>]

[--cloudkeepobject <true/false>]

[--cloudlaunchmode EMULATED|PARAVIRTUALIZED]

[--cloudlaunchinstance <true/false>]

[--clouddomain <domain>]

[--cloudshape <shape>]

[--clouddisksize <disk size in GB>]

[--cloudocivcn <OCI vcn id>]

[--cloudocisubnet <OCI subnet id>]

[--cloudpublicip <true/false>]

[--cloudprivateip <ip>]

startvm <uuid|vmname>...

[--type gui|sdl|headless|separate]

[-E|--putenv <NAME>[=<VALUE>]]

controlvm <uuid|vmname>

pause|resume|reset|poweroff|savestate|

acpipowerbutton|acpisleepbutton|

keyboardputscancode <hex> [<hex> ...]|

keyboardputstring <string1> [<string2> ...]|

keyboardputfile <filename>|

setlinkstate<1-N> on|off |

nic<1-N> null|nat|bridged|intnet|hostonly|generic|

natnetwork [<devicename>] |

nictrace<1-N> on|off |

nictracefile<1-N> <filename> |

nicproperty<1-N> name=[value] |

nicpromisc<1-N> deny|allow-vms|allow-all |

natpf<1-N> [<rulename>],tcp|udp,[<hostip>],

<hostport>,[<guestip>],<guestport> |

natpf<1-N> delete <rulename> |

guestmemoryballoon <balloonsize in MB> |

usbattach <uuid>|<address>

[--capturefile <filename>] |

usbdetach <uuid>|<address> |

audioin on|off |

audioout on|off |

clipboard disabled|hosttoguest|guesttohost|

bidirectional |

draganddrop disabled|hosttoguest|guesttohost|

bidirectional |

vrde on|off |

vrdeport <port> |

vrdeproperty <name=[value]> |

vrdevideochannelquality <percent> |

setvideomodehint <xres> <yres> <bpp>

[[<display>] [<enabled:yes|no> |

[<xorigin> <yorigin>]]] |

setscreenlayout <display> on|primary <xorigin> <yorigin> <xres> <yres> <bpp> | off

screenshotpng <file> [display] |

recording on|off |

recording screens all|none|<screen>,[<screen>...] |

recording filename <file> |

recording videores <width>x<height> |

recording videorate <rate> |

recording videofps <fps> |

recording maxtime <s> |

recording maxfilesize <MB> |

setcredentials <username>

--passwordfile <file> | <password>

<domain>

[--allowlocallogon <yes|no>] |

teleport --host <name> --port <port>

[--maxdowntime <msec>]

[--passwordfile <file> |

--password <password>] |

plugcpu <id> |

unplugcpu <id> |

cpuexecutioncap <1-100>

webcam <attach [path [settings]]> | <detach [path]> | <list>

addencpassword <id>

<password file>|-

[--removeonsuspend <yes|no>]

removeencpassword <id>

removeallencpasswords

changeuartmode<1-N> disconnected|

server <pipe>|

client <pipe>|

tcpserver <port>|

tcpclient <hostname:port>|

file <file>|

<devicename>

vm-process-priority default|flat|low|normal|high

discardstate <uuid|vmname>

adoptstate <uuid|vmname> <state\_file>

closemedium [disk|dvd|floppy] <uuid|filename>

[--delete]

storageattach <uuid|vmname>

--storagectl <name>

[--port <number>]

[--device <number>]

[--type dvddrive|hdd|fdd]

[--medium none|emptydrive|additions|

<uuid|filename>|host:<drive>|iscsi]

[--mtype normal|writethrough|immutable|shareable|

readonly|multiattach]

[--comment <text>]

[--setuuid <uuid>]

[--setparentuuid <uuid>]

[--passthrough on|off]

[--tempeject on|off]

[--nonrotational on|off]

[--discard on|off]

[--hotpluggable on|off]

[--bandwidthgroup <name>]

[--forceunmount]

[--server <name>|<ip>]

[--target <target>]

[--tport <port>]

[--lun <lun>]

[--encodedlun <lun>]

[--username <username>]

[--password <password>]

[--passwordfile <file>]

[--initiator <initiator>]

[--intnet]

storagectl <uuid|vmname>

--name <name>

[--add ide|sata|scsi|floppy|sas|usb|pcie|virtio]

[--controller LSILogic|LSILogicSAS|BusLogic|

IntelAHCI|PIIX3|PIIX4|ICH6|I82078|

[ USB|NVMe|VirtIO]

[--portcount <1-n>]

[--hostiocache on|off]

[--bootable on|off]

[--rename <name>]

[--remove]

bandwidthctl <uuid|vmname>

add <name> --type disk|network

--limit <megabytes per second>[k|m|g|K|M|G] |

set <name>

--limit <megabytes per second>[k|m|g|K|M|G] |

remove <name> |

list [--machinereadable]

(limit units: k=kilobit, m=megabit, g=gigabit,

K=kilobyte, M=megabyte, G=gigabyte)

showmediuminfo [disk|dvd|floppy] <uuid|filename>

createmedium [disk|dvd|floppy] --filename <filename>

[--size <megabytes>|--sizebyte <bytes>]

[--diffparent <uuid>|<filename>]

[--format VDI|VMDK|VHD] (default: VDI)]

[--variant Standard,Fixed,Split2G,Stream,ESX,

Formatted]

[[--property <name>=<value>] --property <name>=<value]...

modifymedium [disk|dvd|floppy] <uuid|filename>

[--type normal|writethrough|immutable|shareable|

readonly|multiattach]

[--autoreset on|off]

[--property <name=[value]>]

[--compact]

[--resize <megabytes>|--resizebyte <bytes>]

[--move <path>]

[--setlocation <path>]

[--description <description string>]

clonemedium [disk|dvd|floppy] <uuid|inputfile> <uuid|outputfile>

[--format VDI|VMDK|VHD|RAW|<other>]

[--variant Standard,Fixed,Split2G,Stream,ESX]

[--existing]

mediumproperty [disk|dvd|floppy] set <uuid|filename>

<property> <value>

[disk|dvd|floppy] get <uuid|filename>

<property>

[disk|dvd|floppy] delete <uuid|filename>

<property>

encryptmedium <uuid|filename>

[--newpassword <file>|-]

[--oldpassword <file>|-]

[--cipher <cipher identifier>]

[--newpasswordid <password identifier>]

checkmediumpwd <uuid|filename>

<pwd file>|-

convertfromraw <filename> <outputfile>

[--format VDI|VMDK|VHD]

[--variant Standard,Fixed,Split2G,Stream,ESX]

[--uuid <uuid>]

convertfromraw stdin <outputfile> <bytes>

[--format VDI|VMDK|VHD]

[--variant Standard,Fixed,Split2G,Stream,ESX]

[--uuid <uuid>]

getextradata global|<uuid|vmname>

<key>|[enumerate]

setextradata global|<uuid|vmname>

<key>

[<value>] (no value deletes key)

setproperty machinefolder default|<folder> |

hwvirtexclusive on|off |

vrdeauthlibrary default|<library> |

websrvauthlibrary default|null|<library> |

vrdeextpack null|<library> |

autostartdbpath null|<folder> |

loghistorycount <value>

defaultfrontend default|<name>

logginglevel <log setting>

proxymode system|noproxy|manual

proxyurl <url>

usbfilter add <index,0-N>

--target <uuid|vmname>|global

--name <string>

--action ignore|hold (global filters only)

[--active yes|no] (yes)

[--vendorid <XXXX>] (null)

[--productid <XXXX>] (null)

[--revision <IIFF>] (null)

[--manufacturer <string>] (null)

[--product <string>] (null)

[--remote yes|no] (null, VM filters only)

[--serialnumber <string>] (null)

[--maskedinterfaces <XXXXXXXX>]

usbfilter modify <index,0-N>

--target <uuid|vmname>|global

[--name <string>]

[--action ignore|hold] (global filters only)

[--active yes|no]

[--vendorid <XXXX>|""]

[--productid <XXXX>|""]

[--revision <IIFF>|""]

[--manufacturer <string>|""]

[--product <string>|""]

[--remote yes|no] (null, VM filters only)

[--serialnumber <string>|""]

[--maskedinterfaces <XXXXXXXX>]

usbfilter remove <index,0-N>

--target <uuid|vmname>|global

sharedfolder add <uuid|vmname>

--name <name> --hostpath <hostpath>

[--transient] [--readonly] [--automount]

sharedfolder remove <uuid|vmname>

--name <name> [--transient]

guestproperty get <uuid|vmname>

<property> [--verbose]

guestproperty set <uuid|vmname>

<property> [<value> [--flags <flags>]]

guestproperty delete|unset <uuid|vmname>

<property>

guestproperty enumerate <uuid|vmname>

[--patterns <patterns>]

guestproperty wait <uuid|vmname> <patterns>

[--timeout <msec>] [--fail-on-timeout]

guestcontrol <uuid|vmname> [--verbose|-v] [--quiet|-q]

[--username <name>] [--domain <domain>]

[--passwordfile <file> | --password <password>]

run [common-options]

[--exe <path to executable>] [--timeout <msec>]

[-E|--putenv <NAME>[=<VALUE>]] [--unquoted-args]

[--ignore-operhaned-processes] [--profile]

[--no-wait-stdout|--wait-stdout]

[--no-wait-stderr|--wait-stderr]

[--dos2unix] [--unix2dos]

-- <program/arg0> [argument1] ... [argumentN]]

start [common-options]

[--exe <path to executable>] [--timeout <msec>]

[-E|--putenv <NAME>[=<VALUE>]] [--unquoted-args]

[--ignore-operhaned-processes] [--profile]

-- <program/arg0> [argument1] ... [argumentN]]

copyfrom [common-options]

[--follow] [-R|--recursive]

<guest-src0> [guest-src1 [...]] <host-dst>

copyfrom [common-options]

[--follow] [-R|--recursive]

[--target-directory <host-dst-dir>]

<guest-src0> [guest-src1 [...]]

copyto [common-options]

[--follow] [-R|--recursive]

<host-src0> [host-src1 [...]] <guest-dst>

copyto [common-options]

[--follow] [-R|--recursive]

[--target-directory <guest-dst>]

<host-src0> [host-src1 [...]]

mkdir|createdir[ectory] [common-options]

[--parents] [--mode <mode>]

<guest directory> [...]

rmdir|removedir[ectory] [common-options]

[-R|--recursive]

<guest directory> [...]

removefile|rm [common-options] [-f|--force]

<guest file> [...]

mv|move|ren[ame] [common-options]

<source> [source1 [...]] <dest>

mktemp|createtemp[orary] [common-options]

[--secure] [--mode <mode>] [--tmpdir <directory>]

<template>

stat [common-options]

<file> [...]

guestcontrol <uuid|vmname> [--verbose|-v] [--quiet|-q]

list <all|sessions|processes|files> [common-opts]

closeprocess [common-options]

< --session-id <ID>

| --session-name <name or pattern>

<PID1> [PID1 [...]]

closesession [common-options]

< --all | --session-id <ID>

| --session-name <name or pattern> >

updatega|updateguestadditions|updateadditions

[--source <guest additions .ISO>]

[--wait-start] [common-options]

[-- [<argument1>] ... [<argumentN>]]

watch [common-options]

metrics list [\*|host|<vmname> [<metric\_list>]]

(comma-separated)

metrics setup

[--period <seconds>] (default: 1)

[--samples <count>] (default: 1)

[--list]

[\*|host|<vmname> [<metric\_list>]]

metrics query [\*|host|<vmname> [<metric\_list>]]

metrics enable

[--list]

[\*|host|<vmname> [<metric\_list>]]

metrics disable

[--list]

[\*|host|<vmname> [<metric\_list>]]

metrics collect

[--period <seconds>] (default: 1)

[--samples <count>] (default: 1)

[--list]

[--detach]

[\*|host|<vmname> [<metric\_list>]]

natnetwork add --netname <name>

--network <network>

[--enable|--disable]

[--dhcp on|off]

[--port-forward-4 <rule>]

[--loopback-4 <rule>]

[--ipv6 on|off]

[--port-forward-6 <rule>]

[--loopback-6 <rule>]

natnetwork remove --netname <name>

natnetwork modify --netname <name>

[--network <network>]

[--enable|--disable]

[--dhcp on|off]

[--port-forward-4 <rule>]

[--loopback-4 <rule>]

[--ipv6 on|off]

[--port-forward-6 <rule>]

[--loopback-6 <rule>]

natnetwork start --netname <name>

natnetwork stop --netname <name>

natnetwork list [<pattern>]

hostonlyif ipconfig <name>

[--dhcp |

--ip<ipv4> [--netmask<ipv4> (def: 255.255.255.0)] |

--ipv6<ipv6> [--netmasklengthv6<length> (def: 64)]]

create |

remove <name>

usbdevsource add <source name>

--backend <backend>

--address <address>

usbdevsource remove <source name>

VBoxManage snapshot { ***uuid|vmname*** }  
VBoxManage snapshot { ***uuid|vmname*** } take { ***snapshot-name*** } [--description=***description***] [--live] [--uniquename Number,Timestamp,Space,Force]  
VBoxManage snapshot { ***uuid|vmname*** } delete { ***snapshot-name*** }  
VBoxManage snapshot { ***uuid|vmname*** } restore { ***snapshot-name*** }  
VBoxManage snapshot { ***uuid|vmname*** } restorecurrent  
VBoxManage snapshot { ***uuid|vmname*** } edit { ***snapshot-name*** | --current } [--description=***description***] [--name=***new-name***]  
VBoxManage snapshot { ***uuid|vmname*** } list [[--details] | [--machinereadable]]  
VBoxManage snapshot { ***uuid|vmname*** } showvminfo { ***snapshot-name*** }

VBoxManage clonevm { ***vmname|uuid*** } [--basefolder=***basefolder***] [--group=***group***,...] [--mode= machine | machinechildren | all ] [--name=***name***] [--options=***option***,...] [--register] [--snapshot=***snapshot-name***] [--uuid=***uuid***]

VBoxManage mediumio {[--disk=***uuid|filename***] | [--dvd=***uuid|filename***] | [--floppy=***uuid|filename***]} [--password-file***-|filename***] formatfat [--quick]  
VBoxManage mediumio {[--disk=***uuid|filename***] | [--dvd=***uuid|filename***] | [--floppy=***uuid|filename***]} [--password-file***-|filename***] cat [--hex] [--offset=***byte-offset***] [--size=***bytes***] [--output=***-|filename***]  
VBoxManage mediumio {[--disk=***uuid|filename***] | [--dvd=***uuid|filename***] | [--floppy=***uuid|filename***]} [--password-file***-|filename***] stream [--format=***image-format***] [--variant=***image-variant***] [--output=***-|filename***]

VBoxManage dhcpserver add { --network=***netname*** | --interface=***ifname*** } {--server-ip=***address***} {--netmask=***mask***} {--lower-ip=***address***} {--upper-ip=***address***} { --enable | --disable }  
[ [--global] [--set-opt=***dhcp-opt-no value***...] [--set-opt-hex=***dhcp-opt-no hexstring***...] [--force-opt=***dhcp-opt-no***...] [--supress-opt=***dhcp-opt-no***...] [--min-lease-time=***seconds***] [--default-lease-time=***seconds***] [--max-lease-time=***seconds***] ...]  
[ {--group=***name***} [--set-opt=***dhcp-opt-no value***...] [--set-opt-hex=***dhcp-opt-no hexstring***...] [--force-opt=***dhcp-opt-no***...] [--supress-opt=***dhcp-opt-no***...] [--incl-mac=***address***...] [--excl-mac=***address***...] [--incl-mac-wild=***pattern***...] [--excl-mac-wild=***pattern***...] [--incl-vendor=***string***...] [--excl-vendor=***string***...] [--incl-vendor-wild=***pattern***...] [--excl-vendor-wild=***pattern***...] [--incl-user=***string***...] [--excl-user=***string***...] [--incl-user-wild=***pattern***...] [--excl-user-wild=***pattern***...] [--min-lease-time=***seconds***] [--default-lease-time=***seconds***] [--max-lease-time=***seconds***] ...]  
[ {--vm=***name|uuid***} [--nic=***1-N***] [--set-opt=***dhcp-opt-no value***...] [--set-opt-hex=***dhcp-opt-no hexstring***...] [--force-opt=***dhcp-opt-no***...] [--supress-opt=***dhcp-opt-no***...] [--min-lease-time=***seconds***] [--default-lease-time=***seconds***] [--max-lease-time=***seconds***] [--fixed-address=***address***] ...]  
[ {--mac-address=***address***} [--set-opt=***dhcp-opt-no value***...] [--set-opt-hex=***dhcp-opt-no hexstring***...] [--force-opt=***dhcp-opt-no***...] [--supress-opt=***dhcp-opt-no***...] [--min-lease-time=***seconds***] [--default-lease-time=***seconds***] [--max-lease-time=***seconds***] [--fixed-address=***address***] ...]  
VBoxManage dhcpserver modify { --network=***netname*** | --interface=***ifname*** } [--server-ip=***address***] [--lower-ip=***address***] [--upper-ip=***address***] [--netmask=***mask***] [ --enable | --disable ]  
[ [--global] [--del-opt=***dhcp-opt-no***...] [--set-opt=***dhcp-opt-no value***...] [--set-opt-hex=***dhcp-opt-no hexstring***...] [--force-opt=***dhcp-opt-no***...] [--unforce-opt=***dhcp-opt-no***...] [--supress-opt=***dhcp-opt-no***...] [--unsupress-opt=***dhcp-opt-no***...] [--min-lease-time=***seconds***] [--default-lease-time=***seconds***] [--max-lease-time=***seconds***] [--remove-config] ...]  
[ {--group=***name***} [--set-opt=***dhcp-opt-no value***...] [--set-opt-hex=***dhcp-opt-no hexstring***...] [--force-opt=***dhcp-opt-no***...] [--unforce-opt=***dhcp-opt-no***...] [--supress-opt=***dhcp-opt-no***...] [--unsupress-opt=***dhcp-opt-no***...] [--del-mac=***address***...] [--incl-mac=***address***...] [--excl-mac=***address***...] [--del-mac-wild=***pattern***...] [--incl-mac-wild=***pattern***...] [--excl-mac-wild=***pattern***...] [--del-vendor=***string***...] [--incl-vendor=***string***...] [--excl-vendor=***string***...] [--del-vendor-wild=***pattern***...] [--incl-vendor-wild=***pattern***...] [--excl-vendor-wild=***pattern***...] [--del-user=***string***...] [--incl-user=***string***...] [--excl-user=***string***...] [--del-user-wild=***pattern***...] [--incl-user-wild=***pattern***...] [--excl-user-wild=***pattern***...] [--zap-conditions] [--min-lease-time=***seconds***] [--default-lease-time=***seconds***] [--max-lease-time=***seconds***] [--remove-config] ...]  
[ {--vm=***name|uuid***} [--nic=***1-N***] [--del-opt=***dhcp-opt-no***...] [--set-opt=***dhcp-opt-no value***...] [--set-opt-hex=***dhcp-opt-no hexstring***...] [--force-opt=***dhcp-opt-no***...] [--unforce-opt=***dhcp-opt-no***...] [--supress-opt=***dhcp-opt-no***...] [--unsupress-opt=***dhcp-opt-no***...] [--min-lease-time=***seconds***] [--default-lease-time=***seconds***] [--max-lease-time=***seconds***] [--fixed-address=***address***] [--remove-config] ...]  
[ {--mac-address=***address***} [--del-opt=***dhcp-opt-no***...] [--set-opt=***dhcp-opt-no value***...] [--set-opt-hex=***dhcp-opt-no hexstring***...] [--force-opt=***dhcp-opt-no***...] [--unforce-opt=***dhcp-opt-no***...] [--supress-opt=***dhcp-opt-no***...] [--unsupress-opt=***dhcp-opt-no***...] [--min-lease-time=***seconds***] [--default-lease-time=***seconds***] [--max-lease-time=***seconds***] [--fixed-address=***address***] [--remove-config] ...]  
VBoxManage dhcpserver remove { --network=***netname*** | --interface=***ifname*** }  
VBoxManage dhcpserver restart { --network=***netname*** | --interface=***ifname*** }  
VBoxManage dhcpserver findlease { --network=***netname*** | --interface=***ifname*** } {--mac-address=***mac***}

VBoxManage debugvm { ***uuid|vmname*** } dumpvmcore [--filename=***name***]  
VBoxManage debugvm { ***uuid|vmname*** } info { ***item*** } [ ***args*** ...]  
VBoxManage debugvm { ***uuid|vmname*** } injectnmi  
VBoxManage debugvm { ***uuid|vmname*** } log [[--release] | [--debug]] [ ***group-settings*** ...]  
VBoxManage debugvm { ***uuid|vmname*** } logdest [[--release] | [--debug]] [ ***destinations*** ...]  
VBoxManage debugvm { ***uuid|vmname*** } logflags [[--release] | [--debug]] [ ***flags*** ...]  
VBoxManage debugvm { ***uuid|vmname*** } osdetect  
VBoxManage debugvm { ***uuid|vmname*** } osinfo  
VBoxManage debugvm { ***uuid|vmname*** } osdmesg [--lines=***lines***]  
VBoxManage debugvm { ***uuid|vmname*** } getregisters [--cpu=***id***] [ ***reg-set.reg-name*** ...]  
VBoxManage debugvm { ***uuid|vmname*** } setregisters [--cpu=***id***] [ ***reg-set.reg-name=value*** ...]  
VBoxManage debugvm { ***uuid|vmname*** } show [[--human-readable] | [--sh-export] | [--sh-eval] | [--cmd-set]] [ ***settings-item*** ...]  
VBoxManage debugvm { ***uuid|vmname*** } stack [--cpu=***id***]  
VBoxManage debugvm { ***uuid|vmname*** } statistics [--reset] [--descriptions] [--pattern=***pattern***]

VBoxManage extpack install [--replace] { ***tarball*** }  
VBoxManage extpack uninstall [--force] { ***name*** }  
VBoxManage extpack cleanup

VBoxManage unattended detect {--iso=***install-iso***} [--machine-readable]  
VBoxManage unattended install { ***uuid|vmname*** } {--iso=***install-iso***} [--user=***login***] [--password=***password***] [--password-file=***file***] [--full-user-name=***name***] [--key=***product-key***] [--install-additions] [--no-install-additions] [--additions-iso=***add-iso***] [--install-txs] [--no-install-txs] [--validation-kit-iso=***testing-iso***] [--locale=***ll\_CC***] [--country=***CC***] [--time-zone=***tz***] [--hostname=***fqdn***] [--package-selection-adjustment=***keyword***] [--dry-run] [--auxiliary-base-path=***path***] [--image-index=***number***] [--script-template=***file***] [--post-install-template=***file***] [--post-install-command=***command***] [--extra-install-kernel-parameters=***params***] [--language=***lang***] [--start-vm=***session-type***]

VBoxManage cloudprofile {--provider=***name***} {--profile=***name***} add [--clouduser=***unique id***] [--fingerprint=***MD5 string***] [--keyfile=***path***] [--passphrase=***string***] [--tenancy=***unique id***] [--compartment=***unique id***] [--region=***string***]  
VBoxManage cloudprofile {--provider=***name***} {--profile=***name***} update [--clouduser=***unique id***] [--fingerprint=***MD5 string***] [--keyfile=***path***] [--passphrase=***string***] [--tenancy=***unique id***] [--compartment=***unique id***] [--region=***string***]  
VBoxManage cloudprofile {--provider=***name***} {--profile=***name***} delete  
VBoxManage cloudprofile {--provider=***name***} {--profile=***name***} show

VBoxManage cloud {--provider=***name***} {--profile=***name***} list instances [--state=***string***] [--compartment-id=***string***]  
VBoxManage cloud {--provider=***name***} {--profile=***name***} list images [--state=***string***] [--compartment-id=***string***]

VBoxManage cloud {--provider=***name***} {--profile=***name***} instance create {--domain-name=***name***} {--image-id=***unique id***} {--display-name=***name***} {--shape=***type***} {--subnet=***unique id***} {--boot-disk-size=***size in GB***} [--publicip=***true/false***] [--privateip=***IP address***] [--launch-mode=***NATIVE/EMULATED/PARAVIRTUALIZED***]  
VBoxManage cloud {--provider=***name***} {--profile=***name***} instance info {--id=***unique id***}  
VBoxManage cloud {--provider=***name***} {--profile=***name***} instance terminate {--id=***unique id***}  
VBoxManage cloud {--provider=***name***} {--profile=***name***} instance start {--id=***unique id***}  
VBoxManage cloud {--provider=***name***} {--profile=***name***} instance pause {--id=***unique id***}

VBoxManage cloud {--provider=***name***} {--profile=***name***} image create {--display-name=***name***} [--bucket-name=***name***] [--object-name=***name***] [--instance-id=***unique id***]  
VBoxManage cloud {--provider=***name***} {--profile=***name***} image info {--id=***unique id***}  
VBoxManage cloud {--provider=***name***} {--profile=***name***} image delete {--id=***unique id***}  
VBoxManage cloud {--provider=***name***} {--profile=***name***} image import {--id=***unique id***} [--bucket-name=***name***] [--object-name=***name***]  
VBoxManage cloud {--provider=***name***} {--profile=***name***} image export {--id=***unique id***} {--display-name=***name***} [--bucket-name=***name***] [--object-name=***name***]

Each time **VBoxManage** is invoked, only one command can be executed. However, a command might support several subcommands which then can be invoked in one single call. The following sections provide detailed reference information on the different commands.