

How to list running vm

Jing, mqjing@gmail.com

list all running vm

vboxmanage list runningvms

```
jing@jing-Lenovo-G510s:~/test/OpenStack/allinone$ vboxmanage list runningvms
"v1" {9ba26e95-b67a-4a38-9378-8a71d09b16e8}
"v2" {ba48ba0f-155f-4994-ba46-01c7db6eb620}
```

list all running vm name

vboxmanage list runningvms | cut -d '"' -f 2

```
jing@jing-Lenovo-G510s:~/test/OpenStack/allinone$ vboxmanage list runningvms | cut -d '"' -f 2
centos-200GB-pure-os-gui Clone
```

save to name array

namelist=\$(vboxmanage list runningvms | cut -d" " -f 1))

```
jing@jing-Lenovo-G510s:~/test/OpenStack/allinone$ namelist=$(vboxmanage list runningvms | cut -d" " -f 1))
jing@jing-Lenovo-G510s:~/test/OpenStack/allinone$ echo ${namelist[0]}
"v1"
jing@jing-Lenovo-G510s:~/test/OpenStack/allinone$ echo ${namelist[1]}
"v2"
```

namelist=\$(vboxmanage list runningvms | cut -d '"' -f 2)) # another version

list all running vm id

```
jing@jing-Lenovo-G510s:~/test/OpenStack/allinone$ vboxmanage list runningvms | sed -r 's/.*\{(.*)\}/\1/'
9ba26e95-b67a-4a38-9378-8a71d09b16e8
ba48ba0f-155f-4994-ba46-01c7db6eb620
```

list all running vm ip

vboxmanage list runningvms | sed -r 's/.*\{(.*)\}/\1/' | xargs -L1 -I {} vboxmanage guestproperty enumerate {} | grep "Net.*V4.*IP" | grep \$subnet | awk -F '[, \\' ']' '{print \$5}'

```
jing@jing-Lenovo-G510s:~/test/OpenStack/allinone$ vboxmanage list runningvms | sed -r 's/.*\{(.*)\}/\1/' | xargs -L1 -I {} vboxmanage guestproperty enumerate {} | grep "Net.*V4.*IP" | grep $subnet | awk -F '[, \\' ']' '{print $5}'
192.168.0.112
192.168.0.113
```

save to ip array

```
iplist=$(vboxmanage list runningvms | sed -r 's/.*\{(.*)\}/\1/' | xargs -L1 -I {} vboxmanage  
guestproperty enumerate {} | grep "Net.*V4.*IP" | grep $subnet | awk -F '[, \"]' '{print $5}'))
```

```
jing@jing-Lenovo-G510s:~/test/OpenStack/allinone$ iplist=$(vboxmanage list runn  
ingvms | sed -r 's/.*\{(.*)\}/\1/' | xargs -L1 -I {} vboxmanage guestproperty en  
umerate {} | grep "Net.*V4.*IP" | grep $subnet | awk -F '[, \"]' '{print $5}  
''))  
jing@jing-Lenovo-G510s:~/test/OpenStack/allinone$ echo ${iplist[0]}  
192.168.0.112  
jing@jing-Lenovo-G510s:~/test/OpenStack/allinone$ echo ${iplist[1]}  
192.168.0.113
```