



?? Oracle VM Manager(OVMM) ? guest OS (1)?

???????????? OVMM ????????????? OVS ????

TIPs?

???????????????????? OVMM ??? OVS ????????????? OVMM ????????????? OVS ?????????????OVS ??
 ??? OVMM?????

???????????????????? Oracle VM (Hypervisor Host)?? OVMM ?? guest OS ?????????????????????????
 ??? OVMM ?????? VM ??

???????? Oracle Linux VM Template???????????? VM???????? OVMM ????????? GUI ?????

?????

1. ?? OVMM for Oracle VM Template
2. ?? Oracle VM Template
3. ????? OVMM Template ??? VM

(http://docs.oracle.com/cd/E15458_01/...4/createvm.htm)

?? Oracle Linux 5 VM Template

?????<http://edelivery.oracle.com/oraclevm>

?????Oracle VM Template > X86 64bit > Oracle VM Templates for Oracle Enterprise Linux 5 Media Pack for x86 (64 bit) > Oracle Linux 5 Update 7 template - PV x86_64 (64 bit)

NOTE:

VM Template ??? OVF ???

?? Xen ?????

([http://wiki.debian.org/Xen#Error .22...e_connected.22](http://wiki.debian.org/Xen#Error_.22...e_connected.22))

?? /etc/xen/xend-config.sxp

????

...

```
# It is possible to use the network-bridge script in more complicated
# scenarios, such as having two outgoing interfaces, with two bridges, and
# two fake interfaces per guest domain. To do things like this, write
# yourself a wrapper script, and call network-bridge from it, as appropriate.
#
(network-script network-bridge)
```

...

?? xend ??

> service xend restart

????????? bond0??????? pbond0 ??

> ifconfig

...

pbond0 Link encap:Ethernet HWaddr 00:26:55:11:A0:D4
UP BROADCAST RUNNING MASTER MULTICAST MTU:1500 Metric:1
RX packets:161 errors:0 dropped:0 overruns:0 frame:0
TX packets:163 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:0
RX bytes:17266 (16.8 KiB) TX bytes:18447 (18.0 KiB)

?? Oracle Linux Template

VM Template?Oracle Linux 5 Update 7 template(OVF) - Paravirtualized x86_64

NOTE: ??????????OracleVM ????????????????

> mkdir /OVS/running_pool
???? ZIP ?????????? OVM_OL5U7_X86_64_PVM_10GB.tgz ??????

> cd /OVS/running_pool
> tar xzf OVM_OL5U7_X86_64_PVM_10GB.tgz
> mv OVM_OL5U7_X86_64_PVM_10GB/ OVMM_PVM/
> cd OVMM_PVM/

?? vm.cfg
?????????

...

disk = ['file:/OVS/running_pool/OVMM_PVM/System.img,xvda,w']

...

NOTES?

- template ??? RAM ? 2048M????? OVMM ?????????????????????? RAM ??? 4GB????? oracle linux template ??????????
- ??? OVM ??? /OVS ?????????????????? OVMM ??? template ??????
- ??? template ??????

```
Using config file "./vm.cfg".
Started domain OVM_EL5U3_X86_OVM_MANAGER_PVM (id=2)
- ?????????? vm.cfg ??????????
- ?????????? vm ??? OVMM_PVM
```

?? Oracle Linux

```
> xm create vm.cfg
```

```
?? VNC Viewer ??? oracle linux?VNC Viewer ??
<OVM IP>:<vnc port>
```

```
?? VNC ? port
> xm list -l <vm-name> | grep location
```

NOTES?

```
vm-name ??? vm.cfg ? name
```

VNC ??????????????????

- root ??
- ????

???????? Oracle Linux ????

NOTE:

```
?????? OVMM guest OS ????? OVM Host ????
```

```
???? OVMM 3.2.x ??????????7800MB??Oracle Linux 5 VM Template ?????????????????????? root ?????
???
```

??? OVS ??????

```
// ????? VM
> xm shutdown OVMM_PVM
```

```
// ????? System20G.img ?
> cd /OVS/running_pool/OVMM_PVM
> dd if=/dev/zero of=./System20G.img bs=5M count=4000
> dd if=System.img of=System20G.img conv=notrunc,noerror
> vi vm.cfg
```

```
// ? System.img ?? System20G.img  
disk = ['file:/OVS/running_pool/OVMM_PVM/System20G.img,xvda,w']
```

```
// ?? VM  
> xm create vm.cfg
```

?? VNC viewer ?? VM ? console?????????

```
// ?? swap  
> swapoff /dev/xvda3
```

```
// ?? fdisk  
1.?? xvda3, xvda2  
2.???? xvda2 (83 type, +18G), xvda3 (82 type)  
3.?????
```

```
// ?? VM
```

```
// ??? swap  
> mkswap /dev/xvda3  
> swapon /dev/xvda3
```

```
// resize xvda2  
> resize2fs /dev/xvda2
```

?? Oracle VM Manager

???? [Install Oracle VM Manager on a separate machine?](#)

Q & A

Q? ?? OVMM template ??????

Device 0 (vif) could not be connected. Could not find bridge, and none was specified

A??? OVM ??????????

Q: ???/??? guest OS

A??? guest OS ?? VM template ??????????????????????

- ??? guest OS ??? shutdown ????? OVS ?? xm shutdown <vm-name>
- ??? OVS ???
cd /OVS/running_pool/OVMM_PVM_10GB
xm create vm.cfg