

# Virtualization

## Virtualbox

- Use virtio network driver
- Use SATA driver for storage (no virtio available)
- Use host only network and assign static IP to guest
- In "User Interface" hide minitoolbar
- Add printers with address below and with generic MS Publisher Imagesetter driver

Discover host printer name with `lpstat -a`

Address to use from windows

```
http://<hostip>:631/printers/<printername>
```

Enable network for guest if host is connected to work with eth0

```
echo 1 > /proc/sys/net/ipv4/ip_forward  
iptables -t nat -A POSTROUTING -o eth0 -j MASQUERADE
```

[tip to launch windows app clicking on file](#)

Minimize splash screen

```
VBoxManage modifyvm vm --bioslogodisplaytime 1 # 1ms is minimum
```

Avoid shutdown dialog on ubuntu exit session

```
VBoxManage setextradata vm GUI/DefaultCloseAction PowerOff
```

## kvm

### packages

```
add-apt-repository ppa:jacob/virtualisation  
apt-get update  
  
apt-get install kvm  
apt-get install livenet-vm
```

### sync from server

add to `/etc/auto.master`

```
/- /etc/auto.vms
```

/etc/auto.vms and set proper nfs path (for example vms machine is defined in /etc/hosts)

```
/mnt/vms -vers=4,proto=tcp,rsiz=32768,wsiz=32768 vms:/vms
```

/etc/livenet/vms.conf

```
[default]
name=xp
master=/mnt/vms/xp
local=/vms/xp
update=true
```

Create eventually root folder of vms

```
mkdir /vms
```

## guest

/etc/livenet/session\*/vm.desktop

```
[Desktop Entry]
Name=Windows
Comment=Macchina virtuale predefinita
Exec=ln-vms --vm default --guest
Icon=/usr/share/icons/vm.png
Type=Application
```

## XP

<http://www.wikihow.com/Activate-Windows-XP-Without-a-Genuine-Product-Key>

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