

# Virtualization

## Virtualbox

- Use virtio network driver
- Use SATA driver for storage (no virtio available)
- Use host only network and assign static IP to guest
- 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
```

## 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
```

From:  
<https://wiki.csgalileo.org/> - **Galileo Labs**

Permanent link:  
<https://wiki.csgalileo.org/projects/livenet/virtualization?rev=1441996697>

Last update: **2015/09/11 20:38**

