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## Dom0 Setting

```
vi /etc/xen/xend-config.sxp
(vnc-listen '0.0.0.0')
#the above allows any computer connect to view with VNC.
#change to 127.0.0.1 to restrict viewing with VNC to dom0
```

### VM disk based image setup:

```
mkdir -p /xens/vm02
dd if=/dev/zero of=/xens/vm02/disk-vm02.img bs=1024k count=20000
```

## VM Config

```
vi /etc/xen/vm02
kernel = '/usr/lib/xen-default/boot/hvmlloader'
builder = 'hvm'
memory = '512'
device_model='/usr/lib/xen-default/bin/qemu-dm'

# Disks
disk = [ 'file:/xens/vm02/disk-vm02.img,ioemu:hda,w', 'file:/xens/vm02/windows7.iso,ioemu:hdc:cdrom,r'

# Hostname
name = 'vm02'

# Networking
vif = ['type=ioemu, ip=11.11.11.3, bridge=eth0']

# Behaviour
boot='dc'
vnc=1
vncviewer=1
serial='pty'
shadow_memory = 8
vcpus=1
pae=0
acpi=1
apic=1
ne2000=0
usb=1
usbdevice='tablet'
```

## Start VM

```
xm create /etc/xen/vm02
#you should see:
Using config file "/etc/xen/vm02".
VNC= 1
Started domain vm02
#check:
Debian-50-lenny-32-minimal:~# netstat -a | grep 5900
tcp          0          0 *:5900          *:*              LISTEN
```

Then open up your VNC viewer and connect. No password is required.

## Summary

The above shows very basic settings to get Windows running on Xen with a CPU with virtualisation support. There are many, many configs and other setups out there for Windows on Xen. I used Windows7 as the domU guest. Three-four years ago on Xen3.0 I tried to get XP to run as domU. I did manage it, however I had to use kvm to get XP installed on a disk image, and then xen would run it as a domU. I had no such issues with Xen3.2 and Windows 7.

## References

<http://mediakey.dk/~cc/howto-install-windows-xp-vista-on-xen/>

[http://linux.vbird.org/linux\\_enterprise/xen/xen\\_install\\_windows.pdf](http://linux.vbird.org/linux_enterprise/xen/xen_install_windows.pdf)

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[http://www.virtuotopia.com/index.php/Xen\\_Virtualization\\_Essentials](http://www.virtuotopia.com/index.php/Xen_Virtualization_Essentials)