



??? PV-Paravirtualized ? Virtual Machine ??????????????,??? FV-Fully Virtualized ? Virtual Machine ??????

1.ISO image 2. CD-ROM or DVD 3.Network PXE boot

?????? **ISO image or CDROM** ??????? ISO image ?? CDROM ??? Guest OS ?

• ISO

???????? ISO ??? Guest OS,???????????????????? (CD-ROM ?? DVD-ROM) ???..????????????????
???????? ISO ????

Linux System:

1. Linux ??? dd ????????????? ISO ????????????????????? #mount ????????????????????? #umount
????????

```
[root@benjr ~]# dd if=/dev/cdrom of=/path/cding_filename.iso
```

if: ??????????
of: ?????? ISO ??

Windows System:

Windows ?????? ISO ????????????? winimage ?????????? <http://www.winimage.com/> WinImage ??
? Disk ->Create CD-ROM ISO image... ????????????????????? ISO ?.

??? ISO ???? Guest OS ????

- **CD-ROM or DVD**

??? Host ??? CD-ROM ?? DVD ?????????????????? Host ??? Virtual Machine ???.

- **Network PXE boot**

???? FV-Virtual machine ? PXE(Preboot eXecution Environment) ???,??????? Guest OS ? Linux base ???????? PXE + DHCP Service(??????? Linux Server ??????) ??? FV-Virtual machine ??? ? ,Linux PXE ?????? <http://benjr.tw/?q=node/30>.

??????? Guest OS ? windows base ???????? Windows ??? Microsoft® Windows® Remote Installation Services(RIS) ?? Deployment Services (WDS) ??? FV-Virtual machine ? PXE ??.

??? FV-Fully Virtualized ??? Guest OS ??????????????????

? Linux ? Debian , Fedora , Red Hat Enterprise Linux ?? Suse Linux Enterprise Server.

? Windows ???????? XP , Vista ?????????? 2000 , 2003 , 2008

? ??? MS-DOS , Novell Netware , Free BSD , Open BSD ?? Sun Solaris

?? Red Hat Enterprise Linux ??? FV-Fully Virtualized ?? PV-Paravirtualized ?????? RHEL 4 / 5 ????? PV-Paravirtualized ??? FV-Fully Virtualized ?.

- [sunchiahome ????](#)
- [??????](#)
- ??? 423

[RHEL5 update 4 ??? virtual](#)

? sunchiahome ? ??, 10/02/2009 - 11:56 ???

RHEL5 update 4 ??? virtual Machine ??????????,? Virtualization Method ?? Locating installation media ???
Installation Method,?????????.

- [??](#)

[?? FV - Virtual Machine PXE Boot](#)

? sunchiahome ? ??, 09/04/2009 - 01:00 ???

????????? FV ? Guest OS ? PXE ??,????????? DHCP ??????????

match if substring(option vendor-class-identifier, 0, 9) = "PXEClient"; -> ??????????????

????????????????? DHCP ?? IP .?????? <http://benjr.tw/?q=node/30> ??? DHCP ??.