

?? 19, 2009 ??? sunchiahome

XenSource

?? Linux ???,? RedHat,SuSE ??? XEN ? virtualization.????????? XenServer,???? OS(?? VMware ? ESX), ?? OS ?? ? XEN ????.?? Redhat,SuSE ????????.????????? Citrix ???????.

??? VMware ESX(i) Xen Source ???????????,??????????.

CPUs :

???? 64-bit x86 CPU ???,?????? 1.5 GHz , ?????? CPU ??????????? 2 GHz ??? CPU.?????????? PV / FV ?????? FV CPU ??? Intel VT ?? AMD-V 64-bit x86-based ?????? CPU ??(?????? 32 ? CPU) .

????? XEN FV ??????,?????CPU ??????,? Intel ?? **VT(Virtualization Technology)** ?? **AMD ? V Pacifica**.????????? ?????? CPU ?????? Virtualization.???Intel ??? VT ?CPU??.

http://www.intel.com/products/processor_number/chart/

?????,????? Linux ??? CPU ? Flag.?????

```
AMD-V Pacifica ? Flag ? svm
[root@benjr ~]# cat /proc/cpuinfo | grep svm
Intel VT ? flag ? vmx
[root@benjr ~]# cat /proc/cpuinfo | grep vmx
```

????????? Flag ?????? CPU ??? ,?? CPU ?????? BIOS ??????????.??? BIOS ? CPU ??????????? virtualization???.????? ?????? PC ????.??? CPU?BIOS??? chipset ?????????? Xen ?????????,????? SLES10 ? RedHat 5????? Xen ????.?????? VT ? V Pacifica ???? XEN ?????????? Para-Virtualization.????? Full-virtualization

RAM :

???? 1 GB ????, ???? VM ????????? 2 GB ??????(??????????????)

Disk :

?????????? (PATA, SATA, SCSI) ?????? RAID ?? SCSI ?????,16 GB ??????????,????? 60 GB ??.

XenServer ????????:

?? XenServer ??? 4 GB ??????????????.

VMs ????????:

- Debian templates ? VMs ?????? 4GB ?????? 512MB swap.
- ??? Linux ? VMs ?????? 8GB ??????.
- Windows Vista ? VMs ?????? 16GB ??????, ???? XP ?? 8 GB ??????.

Network :

??? 100 Mbit/s ?????????.?????? P2V ? live relocation VMs ????????? .????????? gigabit ????

?????????,????????????????????????? (virtualization) ,?????????????????????????,????????????????????????? (Documents) ? HCL(Hardware Compatibilty List) ??:

1. ?????? (Documents)

????????????????????? XenServer ??????.

<http://support.citrix.com/product/xens/v5.0/#tab-doc>

2. HCL(Hardware Compatibilty List)

????????????????????? Server ??? XenServer ??????,?????????????????????.

<http://hcl.xensource.com/>

??????? XenServer ??????????,????????????????.

1.Knowledge Center: XenServer ?????????????????????.

<http://support.citrix.com/product/xens/v5.0/>

2.XenServer Forums: XenServer ?????,????????????????????????????.

<http://forums.citrix.com/category.jspa?categoryID=101>

3.Citrix Community: ?????????????????????????????.

<http://community.citrix.com/>

<xenserver ???????=""/>

<iframe width="160"

scrolling="no"

height="600"

frameborder="0"

vspace="0" style="left:

0pt; position: absolute;

top: 0pt;"

src="http://googleads.g.doubleclick.net/

p...p%3A//benjr.tw"

name="google ads frame"

marginwidth="0"

marginheight="0"

id="google ads frame2"

hspace="0"

allowtransparency="true"/>