?? 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/

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