



??? 13, 2009 ??? sunchiahome

???? Xen ? KVM(Kernel-based Virtual Machine) ??????.Xen ?????? VMM(Virtual Machine Monitor) ?????  
 ? Guest OS ??????????.? Dom0 ???? Para-Virtualized ? Guest OS.???????????? PV(Paravirtualized) ?????? Guest  
 OS ?????????????????????.

???????? Guest OS ????????????????? FV(Fully Virtualized) Guest OS ????????????????? CPU ??????,???? Intel VT  
 ?? AMD-V.

KVM ? Linux ??????(2.6.16???,)??? Linux ?????????????,??? Xen ??????,????????.

- KVM ? Guest OS ?? Processes ?????? top , kill ... ?????.
- KVM ??? Intel VT ?? AMD-V ???.
- KVM ?? QEMU ??? I/O ??.
- ????? Guest OS ? Linux(32/64)?Windows(32?).

<http://www.gridvm.org/xen-vs-kvm.html>

?? RHEL5 update4 x86\_64 KVM ?????????????? redhat ? nown\_Issues-kvm ???!

[http://www.redhat.com/docs/en-US/Red\\_Hat\\_Enterprise\\_Linux/5.4/html/Technical\\_Notes/  
 Known\\_Issues-kvm.html](http://www.redhat.com/docs/en-US/Red_Hat_Enterprise_Linux/5.4/html/Technical_Notes/Known_Issues-kvm.html)