

# Cloud Foundations - Hypervisor

Not ready for others to use.

## Assessment

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Hypervisor at Home	Gist of It	Who Uses it?	Cost
KVM	Uses Linux Kernel as hypervisor.	Google Cloud. Lots of hosting providers.	Good price
Microsoft Hyper-V	Not very clear if I need to have Windows Server installed.		
VMware vSphere			Low price
Xen	Install a base OS like Ubuntu. Then install Xen which then overrides and makes itself the main OS and your original Ubuntu install a virtual machine called dom0 which you use to manage your other virtual machines.	Amazon. Rackspace Cloud is also powered by Xen with OpenStack.	virtually free
XenServer	More complete product for large data (monitoring, orchestration ect...). Has GUI client for Windows. You can buy licensed support from Citrix. Simpler setup with pre-packaged CentOS 5.x as dom0.  Citrix outlines very slight differences features btw Free and Enterprise.	Citrix.	Not free

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## Notes

Some good command lines to verify support for hypervisor - [https://help.ubuntu.com/community/Xen#During\\_installation\\_of\\_Ubuntu](https://help.ubuntu.com/community/Xen#During_installation_of_Ubuntu)

## References