

ZNet India is among the very first providers to offer Hyper-V™, Microsoft's latest and highly acclaimed virtualization platform, both as a feature of Windows dedicated hosting and as the underlying technology behind our virtual private servers.

But what, exactly, is Hyper-V?

Virtualization technology has played an increasingly critical role at all levels of IT in recent years, from the desktop to the datacenter. As more organizations use virtualization to manage mission-critical workloads, they are able to take advantage of the cost-saving benefits of server consolidation. Many organizations plan to extend virtualization to support core functions, such as business continuity, disaster recovery, testing and development, and remote office management. To help organizations adopt virtualization easily, Microsoft has developed a next-generation server virtualization solution as a feature of Microsoft® Windows Server® 2008. Hyper-V™ is a virtualization platform that provides reliable and scalable platform capabilities along with a single set of integrated management tools to manage both physical and virtual resources. In addition, Microsoft and its partner ecosystem provide comprehensive support that enables users to deploy applications on Microsoft's virtualization platform with confidence and peace of mind.



Hypervisor-Based Architecture

With a microkernelized hypervisor-based architecture, Hyper-V provides a more secure, reliable foundation for running virtual machines. The minimal hypervisor does not contain drivers; instead, the drivers are hosted in the parent partition and along with the new IO sharing model, Hyper-V provides an inherently more secure architecture.

Whether it's consolidating multiple server roles into one virtual machine, or setting up an isolated virtual server, as we have in our virtual private server solution, Hyper-V technology provides an ideal, cost-effective solution that will no doubt change the way organizations think about the future of their IT strategies.

To learn even more about Microsoft virtualization technology and Hyper-V, please visit <http://www.microsoft.com/windowsserver2008/en/us/virtualization-consolidation.aspx>.

