



BTG Virtualisation

Virtualisation is now a crucial component to overall IT Strategies

Our Product Partners:

Microsoft

CITRIX

vmware

Xen Server



- Lower hardware acquisition and maintenance costs.
- Consolidation of idle system resources.
- Increased operational efficiency.
- Cost-effective and consistent production environments.
- Increased hardware utilisation.
- Rapid configuration and deployment of new servers, and ongoing change and configuration.
- Allocation of virtual resources quickly to the business units that need them most.
- Datacentre Solution
- Desktop Solutions
- Cloud Services
- Dev/Test

Virtualisation

With virtualisation and desktop virtualisation solutions, a thin software layer is installed directly on the hardware, or bare metal, and is thereby inserted between the server's hardware and the operating system. This provides an abstraction layer that allows each physical server to run one or more virtual machines, effectively decoupling the operating system and its applications from the underlying physical server.

VMware

VMware has lead the world into virtualisation and remain the market share leader. BTG has extensive experience in deploying VMware in many different environments, both small and large.

VMware includes Virtual Networking, Virtual Storage, Virtual Security and advanced Management Tools.

Citrix XenServer

Xen's paravirtualisation technology is widely acknowledged as the fastest and most secure virtualisation software in the industry and is enhanced by taking full advantage of the latest Intel® VT and AMD-V™ hardware virtualisation assist capabilities. The Xen hypervisor is exceptionally lean – about 50,000 lines of code - which translates to extremely low overhead and near-native performance for guests.

Flexible Computing

This is a Virtual Desktop solution that uses shared disk, but distributed memory and CPU Power. This solution offers the flexibility of normal client server deployment, but has the low TCO of VDI.

Microsoft HyperV

Microsoft Hyper-V, formerly known as Windows Server Virtualisation, is a hypervisor-based virtualisation system for x86-64 systems. Hyper-V Server provides a small footprint and minimal overhead. It easily plugs into customers' existing IT environments, leveraging their existing patching, provisioning, management, support tools, processes, and skills. Some of the new key new features that are available in Microsoft Hyper-V Server 2008 R2 are live migration, cluster shared volume support and expanded processor and memory support for host systems.

Delivering complete IT solutions.



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