



Microsoft Hyper-V Virtualisation - Service Offerings

Pygmalion Overview

Pygmalion has been working with Microsoft virtualisation technologies, since their first releases. We have implemented these technologies for many customers in a range of businesses.

Established since 1998 we are a Microsoft Gold Partner with competencies in Advanced Infrastructure, iWorker Solutions and Learning Solutions.

Redeem Software Assurance Benefits Pygmalion is authorised by Microsoft to redeem Software Assurance Benefits to pay towards the cost of Desktop Deployment Planning Services.

Service Offerings

Pygmalion provides a complete solution encompassing envisioning, design & planning, developing & deploying.

Phased Approach for the complete solution

We take a phased approach to your project using Microsoft's proven approach to technology projects, namely MSF (Microsoft Solutions Framework).

Envision: Perform an assessment of existing IT and server infrastructure. Assist in determining project vision, business and design objectives, service level agreements, critical success factors.

Design & Plan: Create a design to meet the stated objectives. Produce project plans and schedules, hardware and software specifications. Establish budget capital and operating costs. Perform financial analysis and investment appraisals. Produce documentation.

About Microsoft Hyper-V Virtualisation

Two products are available:-

Hyper-V Server 2008 Low cost option consisting of the Windows Hypervisor, driver model and virtualization components. Providing a simplified, reliable, and optimized virtualization solution. Used for test and development; basic server consolidation; branch office consolidation; hosted desktop virtualization (VDI)

Windows Server 2008 Hyper-V. Provided as part of the Windows 2008 operating system; with a set of rich and robust virtualization features, such as Quick Migration, multi-site clustering, large memory support (greater than 32 GB of RAM), and more than four processors on the host server. If used optionally with System Center Virtual Machine Manager, provides integrated management of both physical and virtual servers.

Key Features & Capabilities:

Server Consolidation Solutions (Both products)

Consolidate multiple server roles as separate virtual machines; run multiple, diverse operating systems in parallel on a single server. Giving reduced energy costs; less space requirements; cheaper & simpler UPS; cheaper & simpler hardware support,

Business Continuity Solutions (Windows Server 2008 Hyper-V)

Provides low-cost, high availability and disaster recovery capabilities using built-in proven technologies like Network Load Balancing and Clustering.



Microsoft Hyper-V Virtualisation Service Offerings (continued)

Service Offerings - Continued

Develop/Build: Build a prototype/pilot or POC (Proof of concept). Migrate a selection of physical servers with associated applications.

Stabilize/Test: Test the design and migration processes in a test lab. Conduct performance and stress testing

Deploy: Define a detailed release-management plan. Deploy solution into production environment. Conduct testing. Produce final design and operating procedures documentation

Further information

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Service Delivery

Our team consists of specialists in different areas that bring together the skills for designing the new environment, managing it effectively, and helping to ensure that you realise cost savings wherever possible.

Technology: Our technical experts work closely with your staff to understand your current environment, help design the new system, and build an efficient migration plan.

Systems Management: Consolidated systems must be monitored continually and managed effectively. Our team helps ensure that your current systems management practices are reviewed and appropriate changes designed.

Operations: Sound operational practices are important in any technological environment. Our team members apply the IT Infrastructure Library (ITIL) and Microsoft Operations Framework (MOF) best practices to help your staff develop new operations plans and implement a program of process improvement.

Project Management: Projects of this nature reach across enterprises and can have an impact on all users. Rigorous project management, with attention to costs, schedule, and risks, is critical to success.