

LEADING IT SERVICES AND ELECTRONICS ORGANIZATION USES VIRTUALIZATION FOR INCREASED BUSINESS AGILITY AND ENHANCED CUSTOMER EXPERIENCE



Success Story

INDUSTRY:

Information Technology
and Electronics

OFFERING:

Hyper V - Virtualization

COMPANY PROFILE

The client is a provider of information technology (IT) services and products, headquartered in Minato, Tokyo, Japan. They supply government agencies and private-sector companies with a range of IT services covering systems construction, maintenance and support, and outsourcing. Using its extensive experience in building highly reliable systems backed by state-of-the-art IT and network technologies, client aims to help realize an information society friendly to humans & earth.

KEY BUSINESS CHALLENGES

- The client was not able to manage cost expenditure related to hardware, downtime, maintenance, electricity, etc.
- High development cycle led to slower processing of “go to market” strategy.
- Creation & usage of a testing environment was a challenge.

SOLUTION

- Hyper-V is a server virtualization technology built into windows server that eliminates the need for third-party virtualization software which is used as a solution to the client’s problems.
- We used Microsoft system center virtual machine manager to manage client’s virtual landscape.
- With system center virtual machine manager, IT staff can centrally provision & maintain virtual machines.
- The client is able to monitor virtual & physical servers with the help of system center operations manager.
- Configuration & tuning of virtual machine performance is accomplished.
- Service management best practices are adapted & automated by utilizing service manager.
- Built-in processes for incident & problem resolution, change control, and asset lifecycle management is implemented.

SOLUTION ARCHITECTURE

Virtualization with Hyper V -Architecture

NT'S HOT BUTTONS

was not able to manage the upshot of cost (hardware, downtime, maintenance, electricity etc.), the deployment of which led to slow growth and creation and usage of a testing environment was a challenge.

er-V is a technology built into Windows Server that eliminates the need for third-party v

ware. Program System Center Virtual Machine Manager to manage its virtual landscape. W

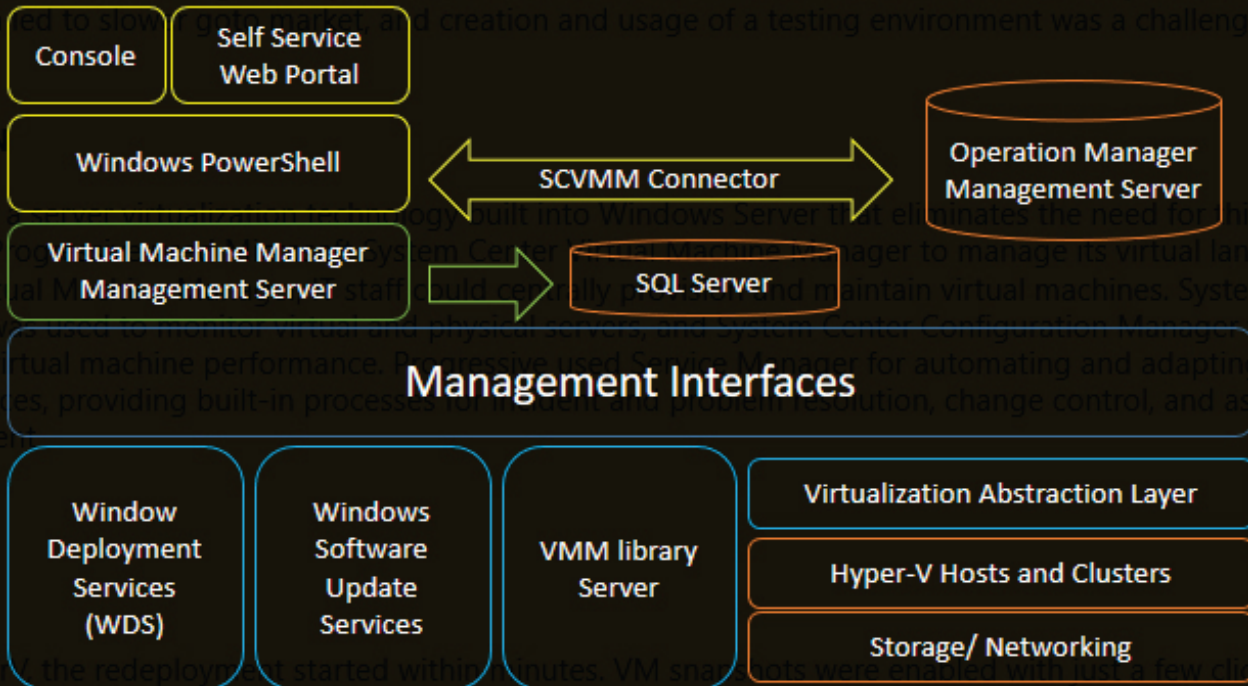
er Virtual Machine Manager was used to manage virtual machine performance. For automating and adapting service r

practices, providing built-in processes for configuration, change control, and asset lifecycle

EFITS

Hyper-V the redeployment started within minutes. VM snapshots were enabled with just a few clicks. Cost g

nd that of hardware — lack of downtime, easier maintenance, less electricity used. Over time, this all adds u



BENEFITS

- With Hyper-V, redeployment can be initiated within minutes.
- VM snapshots were enabled with just a few clicks.
- Cost management is retained along with facing numerous hardware challenges such as lack of downtime, easier maintenance, lesser utilization of electricity.
- Immediate backup & improved disaster recovery posture with up-to-date snapshots of virtual machines.

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