

EMC VSPEX MICROSOFT CLOUD MANAGEMENT AND ORCHESTRATION

IT As A Service With Microsoft System Center



ESSENTIALS

Challenges

Provide an automated self-service approach to delivering IT assets and services in accordance to the business's governance and service level agreement.

The Solution

Software-Defined Data Center enabled by a VSPEX Private Cloud with Microsoft System Center.

Efficient

Streamlined management and orchestration of virtual assets from VSPEX with Microsoft System Center to drive new levels of resource utilization and staff productivity by integrating virtualized IT services with analytics-based, highly automated operations management.

THE CHALLENGE: AUTOMATING IT

IT and Cloud managers often face the difficult task of being agile enough to react to an ever increasing demands from line-of-business decision makers, developers, application owners, marketing, legal and a wide array of other internal customers. Each consumer of IT has different requirements and as such more organizations are attempting the transformation from "IT-as-a-cost-center" to enable the delivery of "IT-as-a-Service".

Customers who have taken steps to virtualize their environment need an effective way to automate the delivery of IT resources without the drawback and time required by IT professionals to deliver virtualized assets and services to their end user consumers.

The IT organization needs an effective way to provide services to the business to take advantage of the agility, speed of delivery and efficiency that virtualization brings but in a manner that is self-service and can ensure service level agreements are met.

IT needs a solution to provide an end-to-end virtualization Infrastructure that supports fully automated and policy based IT services which will help drive efficiencies and help contain and lower costs. Businesses need a platform that provides IT with the capability to define and deliver services based on governance, and service suitable for a wide range of IT consumers in accordance to service level agreements defined by the business.

THE SOLUTION: VSPEX WITH MICROSOFT SYSTEM CENTER

In VSPEX, EMC has joined forces with the industry's leading providers of IT infrastructure to create a complete virtualization solution that accelerates deployment of private cloud. Built with best-of-breed technologies and anchored by EMC VNX storage and EMC backup, VSPEX enables faster deployment, more simplicity, greater choice, higher efficiency, and lower risk. Validation by EMC ensures predictable performance and enables customers to select technology that leverages their existing IT infrastructure while eliminating planning, sizing, and configuration burdens. VSPEX provides infrastructures for customers looking to simplify - that is characteristic of truly converged infrastructures - while at the same time gaining more choice in individual stack components.

VSPEX with Microsoft System Center® delivers a Proven Infrastructure enabling purpose built functionality unique to the businesses use cases and one which accelerates business-relevant private cloud services. Microsoft System Center gives customer the ability to build secure internal private clouds that dramatically increase data center efficiency and business agility.

VSPEX with Microsoft System Center lets businesses deliver cloud service provider economics at scale, application provisioning in minutes, and automate operations management. Microsoft System Center provides a comprehensive and efficient unified management platform for VSPEX. The system center virtual machine manager (SCVMM) is a management solution that empowers IT to quickly configure and manage virtualization host, network and storage resources so virtual assets can be deployed as service requests.



CONTACT US

To learn more about how EMC products, services, and solutions can help solve your business and IT challenges, contact your local representative or authorized reseller—or visit us at www.EMC.com.

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VSPEX administrators can leverage the System Center App Controller (SCAC) that provides a common self-services experience for your consumers. VSPEX with System Center Operations Manager (SCOM) ensure IT has the tools to monitor the entire infrastructure from a single User Interface providing rapid insight into any alerts or notifications so any changes needed can be effectuated without service interruption. By creating workflows with System Center Orchestrator (SCO) IT can deliver management and orchestration by automating common tasks and when used with System Center Service Management (SCSM) the organizations best practices can be enforced and built-into the service offering that you define. EMC Storage Integrator ensures that the VNX storage in VSPEX can be managed efficiently and seamlessly through System Center.

EFFICIENT: STREAMLINE OPERATIONS

Management and Orchestration tools are essential for customers looking to rapidly deploy and manage virtual machines, network, storage and another assets in their Private Cloud. By leveraging a best in class cloud management suite customers can deploy services that can help enforce business and IT polices in a secure and self-service portal on VSPEX. With Microsoft System Center on your VSPEX you can transform your Private Cloud into a Software-Defined Data Center (SDDC) and drive new levels of resource utilization and staff productivity by integrating virtualized IT services with analytics-based, highly automated operations management. The results are unprprecedented gains in efficiency and dramatic savings in both capitald and operating expenses. You can deploy infrastructure services in minutes with full command of critical business and IT policies. Resource allocation levels are automatically adjusted to meet continually changing business and workload demands, for newfound agility and enhanced end-user satisfaction.

By deploying a SDDC your IT managers and cloud architects to easily create policy based services for virtual assets and the business can be more productive and efficient as IT can enable self-service and avoid bottlenecks in the request for assets. By reducing the time required to provide services, IT can promote efficiency and productivity, and the business can react much faster to changing market conditions and requirements. This solution enables your business to standardize on service and policies by empowering IT to provide a business relevant portfolio which can reduce over provisioning, vm sprawl, and wasted valuable IT assets.

VSPEX with Microsoft System Center can reduce the cost and risk associated with infrastructure as IT can purpose build functionality based on the business drivers and use cases that are unique to each deployment. Customers can realize the Transformation of their IT landscape and realize all the benefits that the promise of a Software-Defined Data Centers offers.

VSPEX offers a choice of solutions to customers with multi-vendor support that enable and extend cloud services for their Private Cloud deployments by combining automated business continuity with virtualization-aware security and compliance with System Center, which delivers exceptional levels of application uptime and unparalleled control over the access, placement and cost of IT services.

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