
IBM z Systems
Introduction
August 2015

VMware vRealize Automation and
IBM z Systems
Frequently Asked Questions

Worldwide



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VMware vRealize™ Automation™ and IBM z Systems

Question:

What is VMware vRealize Automation?

Answer:

VMware vRealize Automation is the cloud automation software within the VMware vRealize Suite, purpose-built for the hybrid cloud. It provides a comprehensive management stack for IT services on hypervisors (including KVM), physical infrastructure and external clouds, all with a unified management experience. Formerly known as vCloud Automation Center, or vCAC.

Question:

What is the value of enabling vRealize Automation to the provision & orchestrate virtual machine (VM) guests on IBM z Systems™?

Answer:

Many IBM and VMware clients have adopted vRealize Automation to accelerate the initial delivery and ongoing management of virtual, physical, and public cloud infrastructure and applications. With the introduction of vRealize Automation's support of OpenStack® API's enabled for z Systems endpoints, vRealize Automation will be able to manage the deployment and lifecycle of their virtual machine guests on IBM z Systems (z/VM® and KVM on z Systems), providing a single point of operational control for an enterprise cloud.

Question:

How does a client benefit by adding z Systems to the VMware environment?

Answer:

vRealize Automation is a popular solution used by companies to automate and manage their cloud environments. We want to enable greater client choice and flexibility, while protecting and leveraging their investments in IT infrastructure. z Systems with vRealize Automation will make it possible to provide clients with a single operational point of virtualization management for x86 and z Systems servers. The goal is to give clients the flexibility to use the tool of choice for their environment with one unified management platform.

Question:

How does z Systems interface with the VMware environment?

Answer:

z Systems and vRealize Automation will interface through OpenStack, an open-source cloud operating system. With z Systems and vRealize Automation both enabled for OpenStack, virtual machines on z Systems can be managed through vRealize Automation as part of a cloud environment.

Question:

Why would an organization want to include z Systems as part of a VMware managed environment?

Answer:

IBM z Systems has always provided enterprise-grade levels of performance, security, reliability and availability for Linux® environments. This new capability allows an organization to leverage the value of z Systems virtualized workloads while also benefitting from the value of world-class cloud management solution. The outcome enables a hybrid cloud solution with a unified approach to manage x86 and z Systems servers.



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