Kelverion

VM Provision and Management Solution

Heterogeneous Self-Service Virtual Machine Provisioning

This VM Provisioning and Management Solution enables System Center user to create and manage Virtual Machine instances on premise or in the cloud from a Service Request Portal, automated via System Center Orchestrator.

With the power of Windows Server and System Center Self-Service Virtual Machine Provision has been placed into the hands of all Microsoft's customers large or small. A fully automated Self Service provision of a VM from a Service Catalogue is now a reality whatever the size of your IT team.

We also recognize that for some customers using the Self Service capability of their Service Desk product is either to complex and time consuming or not feature reach. Therefore our solution now leverages the power of the Kelverion Automation Portal to drive the solution from a light weight HTML5 web portal.

This is a fully adaptable offering which is easily extendable to use your own third party Service Catalogue or Change Request System such as Atlassian Jira, BMC Remedy, CA Service Desk Manager, EasyVista Service Desk Manager or ServiceNow to initiate the process.

The flexibility of the solution also allows you to host the Service Catalogue in the Automation Portal and then drive the Change Process via your existing Service Desk.

New Virtual Machines are added to the Portal CMDB or could be created in your own CMDB such as BMC Atrium, CA SDM or ServiceNow.

The solution is not restricted to Microsoft HyperV. It will provision HyperV, VMware, Citrix XenServer, Microsoft Azure Compute or Amazon EC2 VMs or all five simultaneously.

Cloud & Hybrid Automation Experts
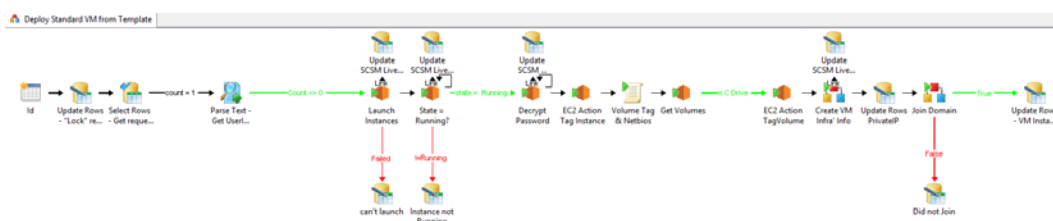
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This Orchestrator driven solution delivers a number of fully automated functions:
- Automation Portal Service Catalogue Request being received
- HyperV VM deployed via Virtual Machine Manager
- VMware, EC2 or Azure VM provisioned directly via an Orchestrator Integration Pack.
- VM CI created in the Portal CMDB

The offering can be easily extended to enable heterogeneous system support such as:

- Use your own third party Service Catalogue or Change Request System
- Create VM CI in your own third party CMDB

The Self-Service VM Provision offering supports the following Target systems:

Virtualisation Technologies
- Microsoft HyperV
- VMware vSphere
- Citrix XenServer
- Amazon EC2
- Microsoft Azure

Service Catalogue or Change Request
- Kelverion Automation Portal
- System Center Service Manager
- BMC Remedy ARS
- ServiceNow
- CA Service Desk Manager

CMDBs
- ServiceNow
- BMC Atrium
- CA Service Desk Manager

Services » ⚙ VM Provisioning and Management » 🔧 Modify A Standard VMware vSphere VM » New Request

Request Fields

Virtual Machine

Search

| FQDN	Type
RC-TEST-0002.lab.kelverion.com	vSphere.micro
RC-VS-TEST009.lab.kelverion.com	vSphere.small
RC-VS-test011.lab.kelverion.local	vSphere.small
rc-vs-test020	vSphere.custom2
rc-vs-test021.lab.kelverion.local	
rc-vs-test023.lab.kelveiron.com	vSphere.Medium
RC-VS-Win002.lab.kelverion.com	vSphere.Medium
vs-rc-test-032.lab.kelverion.com	vSphere.Custom

Select the Virtual Machine to modify

Select New Template

Search

Type	CPUs	MemoryGB
Medium	1	4
Small	1	2

Select new template to apply to the Virtual Machine

Solution Implementaion

The solution is delivered as a Kelverion lead installation and configuration. In this option you provide Kelverion with remote access to your environment and then a Kelverion consultant will lead the installation and configuration of the solution into your environment and you will provide the subject matter expertise around your around your VM infrastructure configuration.

Up to 40 hours of services delivery is included to deploy the solution.

The implementation hours are valid for 12 months from solution purchase.

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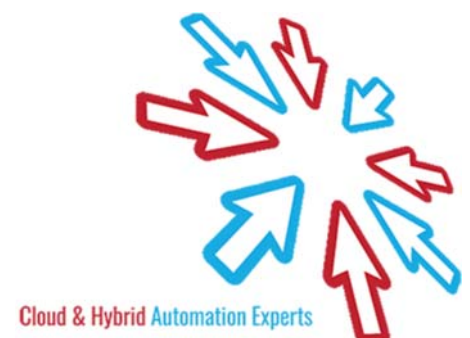
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SCOPE OF THE KELVERION LED IMPLEMENTAION

The scope of the Kelverion led implementation is defined as:

1. Deployment into a single environment only i.e. Non-Production or Production not both

2. Integration of solution with one VM infrastructure only either;
   - Microsoft HyperV (via System Center Virtual Machine Manager)
   - VMware vSphere (via vCenter)
   - Amazon AWS EC2
   - Microsoft Azure Compute

3. Configuration of the integration to the Kelverion Automation Portal

4. Configuration of the integration to the Virtualisation Environment

5. An Approved User will enter the Kelverion Automation Portal and request the provision of a virtual machine, thus creating a new Request in the Portal

6. Orchestrator to detect the request and provision a new VM in Infrastructure using an existing Virtual Machine template

7. Orchestrator to mark Request as complete when VM built

You are responsible for:

- Providing Kelverion with remote access to your environment
- Installing the System Center tools, including Orchestrator and the other target systems
- VM Templates having been built and being available to call from the infrastructure management platform
- You have manually tested the templates to confirm successful deployment and operation of a guest VM in the VM platform

K elverion are an established Independent Software Vendor specialising in IT Automation solutions. Kelverion provides software and specialist consultancy solutions for Microsoft Azure and the Microsoft System Center suite.

Find out more at http://www.kelverion.com

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