vRealize 8 Automation Deployment

Deployment of a vRealize 8 Automation environment for the use in a private cloud service of a prescribed design to provide a highly available foundation for Infrastructure as a Service (IaaS).

Why/Outcome

With vRealize Automation, customers can increase agility, productivity and efficiency through automation, by reducing the complexity of their IT environment, streamlining IT processes and delivering a DevOps-ready automation platform. Managing a hybrid and/or multi-cloud environment to support the needs of IT operations, business operations, DevOps, lines of business and developers is complicated. Infrastructure and application provisioning is semi-automated, with multiple tools and scripts, leading to inefficiency, low productivity, inconsistency, and security and compliance risks. With vRealize Automation, users get the services they need when they need them, and DevOps teams manage the release automation process, while IT maintains security and governance.

What

During the engagement, comdivision will carry out the following high-level tasks:

- Installation of vRealize Automation 8 using the Easy Installer (3 appliances) in HA mode.
- Guidance configuring the load balancer.
- Configuration of one cloud account on-premises - vSphere.
- Creation of two projects to deploy workloads.
- Creation of one cloud zone (provisioning).
- Add two flavor mappings.
- Add two image mappings.
- Create two network profiles.
- Create one storage profile.
- Add two blueprints.

Products included in this offering

- VMware vRealize Automation8
- VMware vRealize Orchestrator 8

High level project timeline

- 1 Week

Features

- Consistent automation and management across Hybrid and Multi-cloud environments.
- Self-service provisioning service catalog to allow users to request and provision infrastructure and application resources.
- Fine-grained governance through role-based policies.
- Lifecycle management of apps, including resizing, reclamation and retirement.

Multi-Cloud Orchestration

Self-Service Provisioning

Life Cycle Management

Fine-Grained Governance

Onsite operations

- Day 1: Checking prerequisites.
- Day 2: Installing vRealize 8 Automation using the easy installer.
- Day 3: Base vRealize 8 Automation configuration (cloud account, cloud zone, etc.).
- Day 4: creation of blueprints, deployment tests.
- Day 5: Wrap up, hand over, knowledge transfer.

Not included

- Installation of vSphere infrastructure (vCenter Server, ESXi).
- Configuration of physical network infrastructure.
- Configuration of physical storage infrastructure.
- Installation operating systems virtual machines.
- Integration of customer provided certificates.
- Dedicated classroom training.
- Configuration of any third-party software / solution.

Prerequisites:

the following components and respective access mechanisms need to be in place:

- Fully installed and operational vSphere infrastructure, including vCenter and ESXi hosts.
- Working DNS and NTP infrastructure.
- Distributed Switch with port groups configured and ready to use.
- At least one datastore to provision workloads to.
- Load Balancer needs to be in place for a vRA HA configuration.

Additional options

- Integration of VMware Cloud on AWS
- Add NSX as a network virtualization foundation
- vRealize Orchestrator workflow development with Service Broker integration

Get in touch!

Please do not hesitate to call and inquire about any of those features or ways to customize this offering: +49 251 703839 0 or send us an email to info@comdivision.com

More information

For more information on VMware vRealize Automation visit: www.comdivision.com/cd-products/vmware-vrealize-automation

"The comdivision group – founded in 1996 – provides outcome-oriented IT strategy consulting and implementation support in the DACH region and the USA. The comdivision group was the first partner in EMEA to achieve five VMware Master Service Competencies and second worldwide to earn all seven. Most of the architecture and consulting team – including two VMware Certified Design Experts (VCDX) – are also VMware Certified Instructors (VCI), so you have the peace of mind to be taken along through each step of the way, preparing you for successful Day 2 operations. If you need assistance beyond that, ask for our cd:knowledge product, an expert-on-demand service that gives you up to 24/7 access to our specialists."

VMware Master Services Competency — VMWARE CLOUD FOUNDATION

VMware Master Services Competency — CLOUD MANAGEMENT AND AUTOMATION

VMware Master Services Competency — CLOUD NATIVE

VMware Master Services Competency — DATA CENTER VIRTUALIZATION

VMware Master Services Competency — DIGITAL WORKSPACE

VMware Master Services Competency — VMWARE CLOUD™ on AWS

VMware Master Services Competency — NETWORK VIRTUALISATION