VMWARE vREALIZE AUTOMATION

AT A GLANCE

VMware vRealize® Automation™, part of VMware vRealize Suite, empowers IT to accelerate the provisioning and delivery of IT services, across infrastructure, containers, applications and custom services. Leveraging the extensible framework provided by vRealize Automation, you can streamline and automate the lifecycle management of IT resources from initial service model design, through Day One provisioning and Day Two operations. Whether your IT services are running on private cloud, public cloud or hybrid cloud, the multi-vendor, multi-cloud solution supported by vRealize Automation assures your services will be delivered with speed, control and performance.

KEY BENEFITS

- **Agility** – Automate IT service delivery processes (infrastructure, containers, applications, and any custom IT service) to rapidly respond to business needs

- **Extensibility** – Easily integrate with third-party tools across IT ecosystem to protect investments in existing and future technologies

- **Control** – Embed governance-based policies into IT services across a hybrid cloud environment to ensure compliance, performance and financial outcomes

- **Choice for Developers** – Enable self-service that can rapidly deliver building blocks to developers

- **Complete lifecycle management** – Achieve optimal workload management from initial deployment, on-going rebalance, to retirement and reclamation using the vRealize Suite

Deliver Your IT Services at Cloud Speed

The key to every successful business is agility. In the cloud era, agility gives IT departments a mandate to replace time-consuming, siloed and manual processes with end-to-end automated workflows that enable fast provisioning and delivery of IT services. As more companies start to embrace DevOps practices in order to accelerate application development, building a more automated and collaborative workflow across infrastructure and applications becomes imperative. vRealize Automation enables IT team to remove process inefficiencies through the use of end-to-end automation that helps IT better serve DevOps teams.
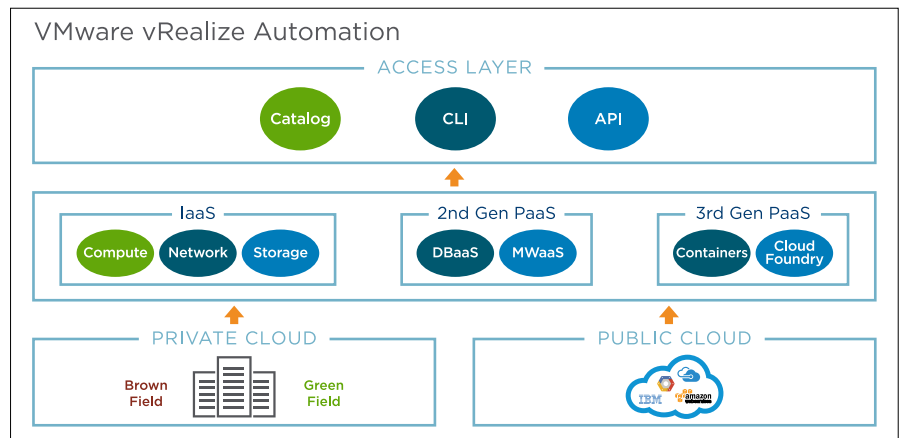
Figure 1: Support Your Cloud Journey by vRealize Automation

What Does VMware vRealize Automation Deliver?

IT Automation: VMware vRealize Automation delivers Day One service provisioning and Day Two operational capabilities across a hybrid cloud. These capabilities help IT organizations automate core IT processes; speed up infrastructure delivery, and get the most out of both hardware and people resources.

• **Service Delivery Automation:** Automate the provisioning of all infrastructure components, including compute, network, storage and security resources.

• **Infrastructure Lifecycle Management:** Manage infrastructure resources from a single solution throughout their entire lifecycle, including initial deployment, resizing, reclamation and retirement.

• **Cross Cloud IT Automation:** Support workloads provisioning and deployment both on premises and on public clouds with unified governance and management.

• **Integration with IT Ecosystem:** Extend automation across IT ecosystem by integrating with prevailing third-party tools through a full spectrum of extensibility options.
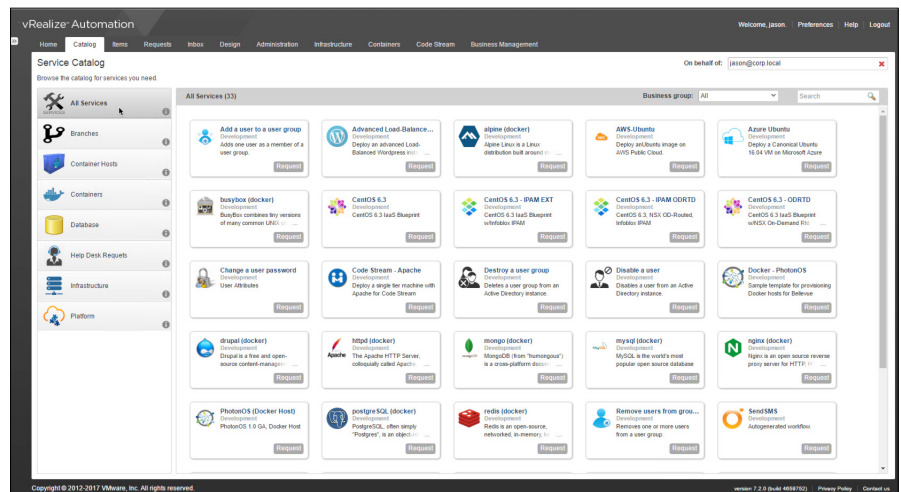

Figure 2: Self-service through IT service catalog

Developer Cloud: VMware vRealize Automation gives IT teams the ability to provide developers easy access to traditional and cloud native application resources through a rich set of self-service capabilities while simultaneously supporting the need for developers to use the tool chain of their choice.

• **Infrastructure as a Service:** Enable a self-service model that gives developer easy access to infrastructure services through catalogs, API or CLI.

• **Support for 2nd Generation Applications:** Out-of-the-Box integration with Puppet leveraging a framework for integrating configuration management tools that simplifies the delivery and management of 2nd generation application stacks.

• **Support for Cloud Native Applications:** Discover and manage container hosts and containers through embedded a container management platform that supports VMware vSphere® Integrated Containers™ and Docker. This approach supports the design of mixed mode applications blueprints that contain both VMs and Containers.

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FEATURES	ADVANCED	ENTERPRISE
Automated self-service with unified service catalog and API functions	•	•
Multi-vendor hypervisor, physical endpoint and public cloud support	•	•
Governance and compliance policies	•	•
Resource lifecycle management	•	•
Resource right-sizing and reclamation	•	•
Extensibility options for ecosystem partner tools integration	•	•
Marketplace of vendor and partner provided blueprints, plug-ins and other contents	•	•
Automatic service catalog pricing (integrated with vRealize Business for Cloud)	•	•
Infrastructure as a Service (IaaS)	•	•
Anything as a Service (Xaas)	•	•
Application stack provisioning and management		•
Out-of-the-box integration with Configuration Management tools		•
Container management		•

HOW CAN I PURCHASE VMWARE vREALIZE AUTOMATION?

VMware vRealize Automation is available as part of the vRealize Suite Advanced or Enterprise editions but can also be purchased standalone. Choose the edition of either vRealize Suite or vRealize Automation that meets your special needs.

SUPPORT

VMware offers global subscription and support (SnS) services to all VMware customers. For customers requiring additional services, VMware also offers professional services engagements on best practices and getting started with your deployment, both directly and through an extensive network of certified professionals. http://www.vmware.com/services/

FIND OUT MORE

For information or to purchase VMware products, call 1-877- VMWARE (outside North America, dial +1-650-427-5000), visit https://www.vmware.com/products/vrealize-automation.html, or search online for an authorized reseller. For detailed product specifications and system requirements, refer to the product documentation.

Key Features

Deliver a Self-Service Experience
• Unified IT service catalog – deliver infrastructure, container, application and custom services (XaaS).
• Policy-based governance ensures the right service level to meet specific business needs.
• Automation accelerates IT service delivery.

Unified Blueprint Model via Design Canvas, Command Line or API
• Streamline IT service design process by assembling applications from pre-built components using a visual canvas with a drag and drop interface.
• Blueprints as Code - Export, import and edit automation blueprints as text.
• API – enable the entire design and management process via API calls.
• Leverage VMware and partner-provided blueprints in VMware Cloud Management Marketplace.

Deploy Across Multi-Vendor, Hybrid Cloud Infrastructure
• Flexibility to choose the right cloud platform and location that meets the business needs.
• Consistent governance and control across hybrid cloud deployments.

Accelerate Time to Value via an Extensible Automation Platform
• Extensible platform that enables customization and extensibility at multiple levels across IT ecosystem.
• Design and automate the delivery of any IT services (XaaS) through service orchestration.
• Leverage VMware and partner-provided integration solutions in VMware Cloud Management Marketplace.