VMware vCloud Automation Center

AT A GLANCE

VMware vCloud® Automation Center™ provides the agility your business needs by automating the delivery of personalized IT services. It provides a single solution for application release automation, and support for various DevOps automation tools, abstracted from diverse infrastructure services. Through a self-service catalog, users request and manage a wide range of multi-vendor, multi-cloud applications, infrastructure, and custom services. Policy-based governance assures that users receive the right size resources for the task that needs to be performed across the service lifecycle. A flexible automation approach provides agility in deploying new IT services while leveraging existing investments by mapping into the current infrastructure, processes and environments.

KEY BENEFITS

- **Agility** – Automate IT service delivery (applications, infrastructure, desktops and any custom service) to rapidly respond to business needs.
- **Control** – Personalized, business-relevant policies enforce application deployment standards, resource quotas ad service levels.
- **Choice** – Protect investments in current and future technologies through broad multi-vendor, multi-cloud support and extensible design.
- **Efficiency –** Improve IT service delivery while lowering costs.

Figure 1: Software Lifecycle Management

IT Service Delivery Challenges

Most companies are looking to deliver applications and IT services to their customers quicker and more efficiently. Competitive pressures and the accelerating pace of business no longer allow for time-consuming, siloed, manual processes. Increasingly IT customers expect the same levels of service in their business lives that they can get in their personal lives. They expect to be able to go online, request a new application or compute resource, and receive it in a matter of minutes, not days or weeks. If IT cannot deliver this level of services, business are increasingly looking for alternatives that can deliver more quickly.

What does vCloud Automation Center Deliver?

vCloud Automation Center accelerates the deployment and management of applications and compute services, thereby improving business agility and operational efficiency. The following capabilities empower IT to quickly demonstrate the value of deploying an automated, on-demand cloud infrastructure:

- **Comprehensive Purpose-Built Functionality**
  vCloud Automation Center is a purpose-built, enterprise-proven solution for the delivery and ongoing management of private and hybrid cloud services, based on a broad range of deployment use cases from the world's most demanding environments.
- **Personalized, Business-Aware Governance**
  Enable IT administrators to apply their own way of doing business to the cloud without changing organizational processes or policies. Enterprises gain the flexibility needed for business units to have different service levels, policies and automation processes, as appropriate for their needs.
- **Provision and Manage Application Services**
  Accelerate application deployment by streamlining the deployment process and by eliminating duplication of work using reusable components and blueprints.
- **Infrastructure Delivery and Life-Cycle Management**
  Automates the end-to-end deployment of multi-vendor infrastructure, breaking down internal organizational silos that slow down IT service delivery.
- **Extensible by Design**
  vCloud Automation Center provides a full spectrum of extensibility options that empower IT personnel to enable, adapt and extend their cloud to work within their existing IT infrastructure and processes, thereby eliminating expensive service engagements while reducing risk.
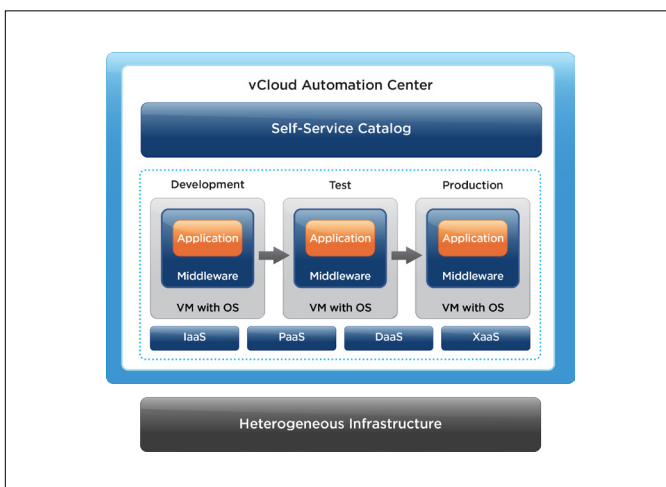
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Key Features

- **Unified IT Service Catalog**
  Empower users to request and manage a variety of IT services that seamlessly span multi-vendor, multi-cloud platforms.

- **Automated Service Delivery**
  Automate the end-to-end deployment and lifecycle management of infrastructure and application services leveraging existing infrastructure, tools and processes.

- **Accelerated Application Deployment**
  Single solution for application release automation, and support for various DevOps automation tools, abstracted from diverse infrastructure services

- **Policy-based Governance**
  Enable lines of business and users to request and receive approved IT applications and resources based on business and IT policies.

- **Intelligent Resource Management**
  Ensure higher IT resource utilization through intelligent placement, and reclamation of resources across virtual, physical and cloud resources.

- **Flexible Automation Platform**
  Rapidly configure, adapt and extend VMware's comprehensive, purpose-built functionality to meet unique IT and business needs.

- **Deliver Anything as a Service**
  Provide a flexible platform that allows IT to design and automate the delivery of application and IT services.

- **Solutions Exchange**
  VMware Cloud Management Marketplace is the destination for real-world solutions from VMware and partners to automate your virtualized cloud infrastructure and applications.

Professional Services

VMware Professional Services transform IT possibilities into business outcomes. Our comprehensive portfolio of services uncovers and exploits the unique opportunities made possible by VMware technology.

Drawing on our unparalleled product expertise and customer experience, we collaborate with your team to address the technical, people, process and financial considerations for IT transformation to deliver results that are positive, tangible, and material to IT and your business.

- Accelerate Advisory Services
- Cloud Operations Advisory Services
- Technology Consulting Services
- Technical Account Manager Services
- Education Services and Certification Programs

How Can I Purchase vCloud Automation Center?

VMware vCloud Automation Center is available standalone or as part of VMware vCloud® Suite packages. Choose the edition that meets your specific needs.

FEATURES	STD1	ADV3	ENT4
Foundation – Infrastructure Provisioning and Management	•	•	•
End Points – Physical, virtual, and Cloud end points and software deployment mechanisms	•	•	•
High Governance – Approvals, chargeback and cost transparency		•	•
Deliver XaaS – Advanced Service Designer		•	•
Applications and Data - Application release automation, SDLC, DevOps			•

1. vCloud Automation Center Standard Edition Is only available as part of vCloud Suite Standard and is not sold standalone.

2. Software deployment mechanisms include Hypervisor and vApp Cloning only

3. vCloud Automation Center Advanced Edition is included as part of VMware vCloud Suite Advanced Edition

4. vCloud Automation Center Enterprise Edition is included as part of VMware vCloud Suite Enterprise Edition

For more information, visit the http://www.vmware.com/products/vcloud-automation-center.

Find Out More

For information or to purchase VMware products, call 1-877-4VMWARE (outside of North America, +1-650-427-5000), visit http://www.vmware.com/products or search online for an authorized reseller. For detailed product specifications and system requirements, refer to the VMware vCloud Automation Center install and configure guide.

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