

VMware vCloud Suite

Your IT Infrastructure upgraded to a Software-Defined Data Center

vCloud Operations Management

vCenter Operations Management

Performance and capacity optimization – analytics, dashboards and alerting

Deliver quality of service, operational efficiency and continuous compliance for your dynamic hybrid cloud infrastructure and business-critical applications with VMware vCenter Operations Management Suite. Using patented analytics and an integrated approach, the vCenter Operations Management Suite dramatically simplifies management tasks and gives you the intelligence and visibility needed to proactively ensure health efficiency and compliance with IT policies.

- Intelligent operations groups provide insights into multiple areas.
- Flexible group policies.
- Application-level monitoring of business-critical applications.
- Operational compliance views enable you to proactively enforce configuration standards, detect configuration drift early, and automatically remediate possible violations of IT policies, security hardening guidelines, and regulatory requirements.
- Actionable recommendations provide valuable insights and guidance.

vCenter Infrastructure Navigator

Application Awareness – discovery dependency mapping

VMware vCenter Infrastructure Navigator enables application-aware management of both infrastructure and operations to better understand the impact of change; monitors the health, risk and efficiency of applications in VMware vCenter Operations Manager. Automatically discover application services, visualize relationships and map application dependencies in VMware vCenter Server.

- Provides automated application discovery and mapping.
- Discovers multitier applications and provides application context to vCenter.
- Integrates with vCenter Operations Manager 5.6.
- Provides seamless integration between vCenter Infrastructure Navigator, VMware vCenter Server and vCenter Operations Manager 5.6.
- Exports all the data to vCenter Server XML repository (inventory service).

vCenter Chargeback Manager

Chargeback – metered utilization reporting and accountability

VMware vCenter Chargeback Manager enables rate cards and prices to be customized to the process and policies of different organizations. Improve utilization of virtual infrastructure with accurate visibility into the true costs of virtualized workloads. Enable line-of-business owners to have full cost transparency and accountability for self-service resource requests.

- Chargeback cost management and configuration.
- Cost analysis and reporting.
- Chargeback accountability for private clouds.
- Management integration.
- Integration interfaces.

vCenter Configuration Manager

VM Configuration Compliance – OS-level change, patch and configuration

VMware vCenter Configuration Manager automates configuration management across virtual, physical and cloud environments. Enterprises can use VMware vCenter Configuration Manager to continuously audit the configurations of VMware Infrastructure (including vSphere Hosts, vCenter, vCloud Director and vCloud Networking and Security), as well as Windows, Linux and UNIX operating systems.

- Maintain configuration compliance with automated auditing and remediation.
- Decrease time to service restoration by correlating configuration changes with performance and capacity issues in vCOPS.
- Accelerate the adoption of virtualization and cloud computing for business-critical applications by addressing security and compliance concerns.
- Reduce potential security threats through a unified approach to configuration management across physical and virtual infrastructure.

vFabric Application Director

Automated configuration and deployment of multi-tier cloud applications

VMware vFabric Application Director is an application provisioning solution that reduces application deployment times from months to minutes. Customers create logical application models called *application blueprints*, which are agnostic about the underlying infrastructure. Any application can be modeled and then deployed into any destination.

- Simple-to-use drag-and-drop canvas to create application blueprints.
- Application blueprints are assembled using out-of-box components.
- Out-of-box components are provided by VMware and by partners through the VMware Cloud Application Marketplace.
- Components can help IT to increase control through standardization.
- Provision any workload into any cloud/destination.
- Create your own custom applications – PaaS.

vCloud Automation Center

Provisioning and management of IT services in vSphere environments

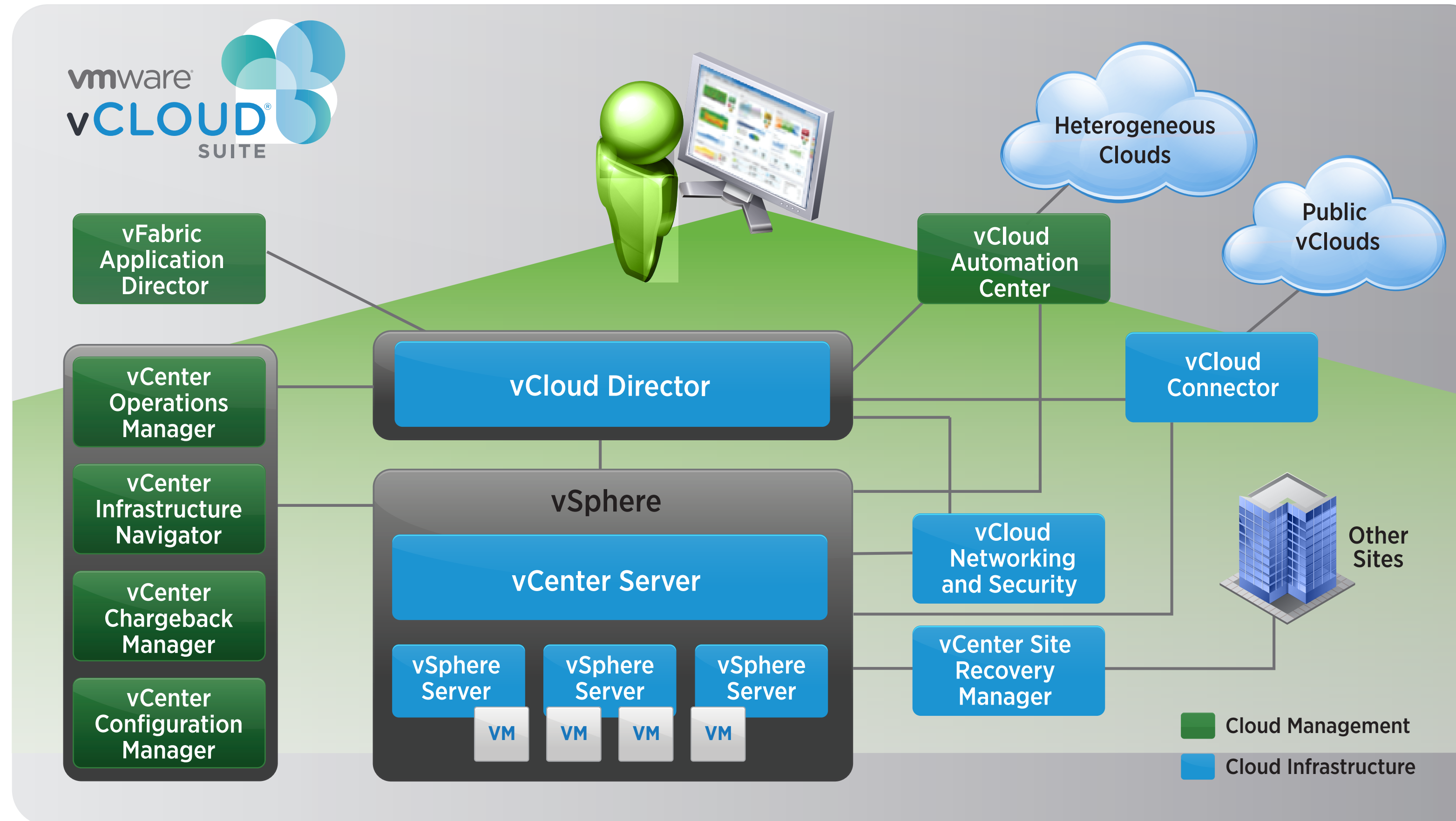
Rapidly deploy and provision cloud services across private and public clouds, physical infrastructures, hypervisors and public cloud providers with VMware vCloud Automation Center. vCloud Automation Center allows authorized users access to standardized IT services through a secure self-service portal, acting as a service governor and helping enforce business and IT policies throughout the service life cycle.

- Cloud self-service and business governance.
- Infrastructure provisioning and life cycle management.
- Purpose-built flexibility and extensibility.
- Integration with VMware vCenter Orchestrator for rapid environment integration.
- Integration with VMware vCloud Director software-defined services.

More Information

For more information on the VMware vCloud Suite please visit:
<http://vmware.com/products/datacenter-virtualization/vcloud-suite/>

For more VMware posters please visit:
<http://vmware.com/go/posters/>



vCloud Connector

Private and public cloud extensibility

Moving beyond workload transfer, VMware vCloud Connector 2.0 delivers a comprehensive operations center for your hybrid cloud environment. With the advanced edition, you can extend the logical boundaries of your datacenter and manage a single content catalog across the entire cloud environment.

- Single-pane-of-glass UI for viewing, migrating and operating on your workloads.
- Reliable workload transfer with checkpoint/restart.
- UI accessible from VMware vSphere Client or vcloud.vmware.com/connector.
- One network: Extend the logical boundaries of the virtual datacenter with Datacenter Extension.
- One catalog: Manage a single content catalog across your entire cloud environment with Content Sync.
- One cloud: Bridge your private cloud with any public cloud from more than 180 service providers.

vCloud Director

Virtualized datacenters with multi-tenancy

Orchestrate the provisioning of software-defined datacenter services as complete virtual datacenters that are ready for consumption in a matter of minutes. Virtual datacenters provide virtualized compute, networking, storage and security. Administrators can provision the complete set of services necessary to make workloads operational in minutes.

- Fast provisioning and thin provisioning.
- VMware vCloud Networking and Security technologies.
- Snapshot and revert virtual machines.
- Integrated profile-driven storage and VMware vSphere Storage DRS.
- VMware vSphere vApp catalog and catalog synchronization.
- Isolated multitenant organizations.
- Self-service Web portal.
- VMware vCloud API, Open Virtualization Format and callouts.

vSphere

Virtualized infrastructure with policy-based automation

With VMware vSphere, the VMware cloud operating system, you can manage large pools of virtualized computing infrastructure, including software and hardware. Manage vSphere environments in a scalable fashion that enables IT administrators to have simple and automated control over a virtual environment.

- Deploy virtual infrastructure with confidence.
- Employ centralized management of virtualized hosts and virtual machines with the cross-platform VMware vSphere Web Client.
- Enable and manage resources and availability of vSphere technologies.
- Authenticate with VMware vCenter Single Sign-On.
- Manage third-party virtualization hosts with VMware vCenter Multi-Hypervisor Manager.
- Automate repetitive day-to-day tasks and execute routine maintenance activities at the push of a button with VMware vCenter Orchestrator.

vCenter Site Recovery Manager

Automated disaster recovery planning, testing, and execution

VMware vCenter Site Recovery Manager enables you to protect and recover all your business-critical applications running on VMware vSphere. Use storage-based replication or the integrated software-based VMware vSphere Replication to replicate all your virtual machines to another site and centrally manage and orchestrate disaster recovery planning from a single location. Ensure that your disaster recovery plans are tested, are automated and provide the quickest recovery times available.

- Centralized management of site-recovery plans and datacenter migration.
- Nondisruptive testing of disaster recovery plans on demand.
- Automated reconfiguration of virtual machine networking during failover.
- Support for built-in or third-party replication of data.
- Control over complex start-up sequences and service dependencies.
- Ability to automate re-protection and fallback after danger has passed.

vCloud Networking and Security

Advanced continuous availability firewall and network

VMware vCloud Networking and Security is the leading software-defined networking and security solution that enhances operational efficiency, unlocks agility and enables extensibility so users can rapidly respond to business needs. It provides a broad range of services in a single solution, including virtual firewall, VPN, load balancing and VXLAN extended networks.

- VMware vCloud Networking and Security Edge provides firewall and integrated gateway services.
- VMware vCloud Networking and Security App enables the creation of logical and elastic trust zones.
- VXLAN enables compute resources to be pooled across noncontiguous clusters or pods.
- Data Security scans for sensitive data and reports violations of regulations.
- vCloud Ecosystem Framework provides APIs for service insertion.
- Manage and report using seamless integration with vCenter Server and vCloud Director.