VMware vCloud Suite
Your IT Infrastructure upgraded to a Software-Defined Data Center

vCloud Operations Management

Performance and capacity optimization – analytics, dashboards and alerting
• Monitor the quality of service, operational efficiency and enforce compliance for your dynamic hybrid cloud infrastructure and business-critical applications with VMware Horizon and vCenter Operations Management. Horizon and vCenter Operations Management can be set up as a centralized management solution or as a distributed management model.
  • Automated control over a virtual environment.
  • Quality of service and operational efficiency enforcement.
  • Dynamic resource allocation to meet business needs.
  • Closed-loop feedback loop for improved operational efficiency.

vCenter Infrastructure Navigator

Application awareness – discovery and visibility
• VMware vCenter Infrastructure Navigator enables application-aware management of both virtual and physical infrastructure to apply automation, cost analysis and operational policies across the virtual and physical lifecycle.
  • Operational compliance views enable you to proactively enforce configuration standards, detect configuration drift and automatically remediate possible violations of IT policies, security hardening guidelines, and regulatory requirements.
  • Functional and technical views provide valuable insights and guidance.
  • Provides seamless integration between vCenter Infrastructure Navigator, VMware vCenter Operations Manager, vSphere Web Client, and vCenter Configuration Manager.

vSphere

Virtualized infrastructure with policy-based automation
• vSphere, the VMware cloud operating system, enables you to manage large pools of virtualized computing and storage resources, including hardware and software vSphere Management Components.
  • vCenter Site Recovery Manager provides business continuity for your cloud data center.
  • vSphere vApp catalog and catalog synchronization.
  • Integrated profile-driven storage and vSphere Storage DRS.
  • Simple-to-use drag-and-drop canvas to create application blueprints.

vCenter Site Recovery Manager

Automated disaster recovery planning, testing, and execution
• vCenter Site Recovery Manager enables you to protect and recover your business critical applications across VMware vSphere environments. This simple-to-use tool can protect your applications across physical and virtual environments.
  • Automated reconfiguration of virtual machine networking during failover.
  • Synchronization of vSphere Site Recovery Manager with vCenter Configuration Manager.
  • vSphere Site Recovery Manager provides a single-pane-of-glass UI for viewing, migrating and operating your workloads.
  • Reliable workload transfer with checkpoint restart.

vCloud Automation Center

Provisioning and management of IT services in vSphere environments
• vCloud Automation Center rapidly deploys and provisions cloud services across private and public clouds, physical infrastructures, and federated clouds to accelerate and streamline your IT services delivery. vCloud Automation Center allows you to manage your cloud services as a service manager and help your business and IT policies throughout the lifecycle.
  • Cloud self-service and business governance.
  • vSphere vCloud Director software-defined services.

vFabric Application Director

Automated configuration and deployment of multi-tier cloud applications
• vFabric Application Director is an application provisioning solution that reduces application integration time for IT teams, enabling them to deploy applications quickly, with automated application blueprints, that are agnostic about the underlying infrastructure. Any application can be replicated across any deployment or any destination.
  • Simple-to-deploy and requires no dedicated automation infrastructure.
  • Application blueprints are automatically assembled using out-of-box components.
  • Provides any application into any cloud destination.
  • Customizable to your own custom applications - Paas.

vCloud Networking and Security

Advanced continuous availability firewall and network
• vCloud Networking and Security provides an advanced continuous availability firewall and network service that can be used to protect your business-critical applications.
  • VXLAN enables compute resources to be pooled across noncontiguous clusters or pods.
  • Provides seamless integration between vSphere Networking and Security and vCloud Networking and Security.
  • Provides support for accelerated and virtual firewall technologies.
  • Provides support for accelerated virtual firewall technologies.

vCloud Connector

Private and public cloud extensibility
• vCloud Connector 2.0 delivers a comprehensive extensibility solution for your hybrid cloud environment. With the advanced features, 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 your workloads.
  • vCloud Connector provides support for Microsoft Azure.

vCloud Director

Virtualized datacenters with multi-tenancy
• vCloud Director provides a unified cloud management platform that enables you to create virtual datacenters that are ready for consumption in a matter of minutes. Virtual datacenters provide virtualized computing, storage, and security. Administrators can provision the complete set of services necessary to make workloads operational in minutes.
  • Fast provisioning and the provisioning pipeline.
  • vCloud Director provides support for Microsoft Azure Storage.
  • vSphere Site Recovery Manager provides a single-pane-of-glass UI for viewing, migrating and operating your workloads.
  • Reliable workload transfer with checkpoint restart.

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

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