

VMWARE vCLOUD AVAILABILITY 3.0

AT A GLANCE

VMware vCloud Availability offers simple, secure, and cost-effective onboarding, migration, and disaster recovery services “to” or “between” multi-tenant clouds. Cloud-based disaster recovery is one of the fastest-growing market segments for cloud services, and vCloud Availability 3.0. gives cloud providers the ability to capitalize on that explosive demand. Additionally, as enterprises become more comfortable with a cloud model, it also provides an opportunity to vCPP cloud providers to capitalize on that trend and lift and shift workloads into their vCloud environments.

Part of the VMware Cloud Provider Platform, VMware’s new converged availability solution dramatically simplifies cloud onboarding, enables continuous availability and recovery, and delivers business agility to your own customers.

KEY BENEFITS

SIMPLE

A converged solution with unified management using familiar tools.

- Fully integrated with vCloud Director.
- Simplified, efficient and intuitive modern HTML-5 interface integrated with vCloud Director.
- Simple RBAC portal with access for tenant and service provider users.
- Simple appliance deployment and dedicated UI for administration capability.
- Modern H5 VMware vSphere® plug-in for tenant users.

COST-EFFECTIVE

A competitively priced solution with focused features and tight integration.

- Tenant self-service protection, failover, and failback workflows per virtual machine (VM)/vAPP.
- Storage independence from VMware vSphere® Replication™.
- Often a lower cost compared to the cost of other popular DRaaS offerings on the market, giving you great pricing flexibility.

SECURE

Encryption for data at rest or data in motion.

- Built-in optional compression of replication traffic and TLS encryption end to end.
- Built-in vSphere encryption for data at rest.



Key Features and Capabilities

Full Onboarding and Migration

- Automated inventory collection of an organization’s vDCs, unprotected and protected vApps, underlying VMs, storage profiles and vDC Networks.
- Self-service VM migration from on-premises to cloud, cloud to on-premises, or vApp and VM migrations cloud to cloud between vCloud Director instances.
- Managed onboarding and DR service for on-premises to cloud, and cloud to cloud scenarios.

Disaster Recovery Service Organization Controls

- Whitelisted, activation-controlled service is disabled by default, allowing partner to upsell DR to customers. Org controls include max RPO, snapshots and replicants to help tier tenant DR offerings.

On-Premises to Cloud and Cloud-to-Cloud Disaster Recovery

- Your clients can automate replication, migration, failover, and failback of vApps and post failover operations.

Guaranteed Service Level Agreements

- 5 min RPO in vSphere 6.5 and above, completely customizable by you for your customers.
- RTO: time it takes for the VM to power on.

Service Provider “Day 2” Operations and Monitoring

- Policy based management of the DR service.
- Migrate tenants from one vCloud Director to another, for example, to set up a new data center.
- Temporarily move workloads to another vCloud Director site if need to perform maintenance.

Deep Integration with VMware Stack

- Core component of Cloud Provider Platform enables cloud providers to offer differentiated services.
- The new release provides support for cluster datastore allowing you to perform storage migration to a cluster datastore.
- Support for edge clusters in vCloud Director ensures optimum performance of vCloud Director environments.

FIND OUT MORE

PARTNERS

Interested in becoming a partner? Please visit the VMware Cloud Provider Partner Program web page at:

<http://www.vmware.com/partners/service-provider.html>

CUSTOMERS

To find out more about vCloud Availability please visit:

<https://www.vmware.com/products/vcloud-availability.html>

For customers looking for a partner to help them with their Disaster Recovery services, please use our guided search to find a provider in your region:

<https://cloud.vmware.com/providers/guided-search>

Support

VMware makes Subscription Services Support available to all vCloud Availability customers. Support includes access to specialists who assist in coordinating onboarding activities as well as ongoing service support. For customers who require 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.

How is it Sold?

VMware vCloud Availability 3.0 is offered as a subscription-based consumption model. Units are protected VMs/month.

System Requirements

Hardware Host

The Cloud Service Provider must be running the following components in their cloud environment:

- VMware vCenter Server® versions 6.5 U1 and 6.0 U3.
- vCloud Director versions 8.20, 9.0.X, and 9.1. (NOTE v9.1 is required for the integrated vCloud Availability Cloud-to-Cloud UI to work within vCloud Director; earlier versions will use a separate UI).
- vCloud Availability 3.0 supports all VMware NSX® versions that are interoperable with a supported vCloud Director for Service Providers version.
- vCloud Director virtual data center (vDC) for customers.
- Fast network connection between vCloud Director instances.

Please note that VMware vSphere Replication is included, without additional cost, in all supported VMware Cloud Provider Program bundles that contain vCloud Director.

For service provider system requirements and interoperability, see vCloud Availability documentation.

