

VMware and Veeam

Self-service backup and restore for VMware vCloud Director

The changing business environment

Today's business is Always-On™. It requires 24/7 access to data and efficient management of exploding data, with little tolerance for downtime and data loss. To meet these demands, businesses are evaluating new storage technology innovations including large physical storage arrays, cloud services and archival solutions. Yet, all of those solutions have introduced additional challenges, management overhead and costs.

Everyone needs a place to store their backups off site. But, many organizations don't have a second site, and rotating tapes or removable media off site is cumbersome. Increasingly, customers are turning to the cloud as a better alternative.

VMware vCloud Director

VMware vCloud Director is a cloud computing management tool with the capability to orchestrate provisioning of public and hybrid cloud services. It manages Infrastructure as a Service (IaaS) architectures through monitoring and the administration of security, provisioning, billing and self-service.

Veeam Backup & Replication

Veeam® Backup & Replication™ delivers *Availability for the Always-On Enterprise™* by helping organizations meet today's service-level objectives enabling the recovery of any IT service, related applications and data within seconds and minutes for VMware vSphere and Microsoft Hyper-V virtual environments.

Veeam Backup & Replication provides full support for VMware vSphere 6.5 including encrypted VM support, VMFS6 support, vSAN 6.5 support, NBD compression and more.

Complete integration for VMware vCloud Director

Veeam Backup & Replication provides full support for VMware vCloud Director (vCD) infrastructure objects in the backup console allowing users to set up jobs for vApps and Organizations of vCD. When backups are run, Veeam Backup & Replication will protect the metadata and attributes associated with vApps and VMs, enabling the recovery of these items and fast-provisioned VMs directly back to vCD.

Enhanced support for VMware vCloud Director simplifies management and increases efficiency for service providers with IaaS offerings by empowering tenants with self-service backup and restore capabilities.

"The confidence we have in Veeam is extraordinary. Because of Veeam, we've been able to restore critical systems in minutes, like Active Directory, which plays a major role in our identity management program."

Josh Peluso
Director, Systems
Administration
and Web Services
SUNY Cortland

"Veeam provides the two things that every CIO looks for in a product: improved performance to benefit clients and greater efficiency to benefit the business."

Sachin Jain
Chief Information
Officer and Chief
Information Security
Officer EvaluateServe

"Veeam is easily the best backup solution I've ever used."

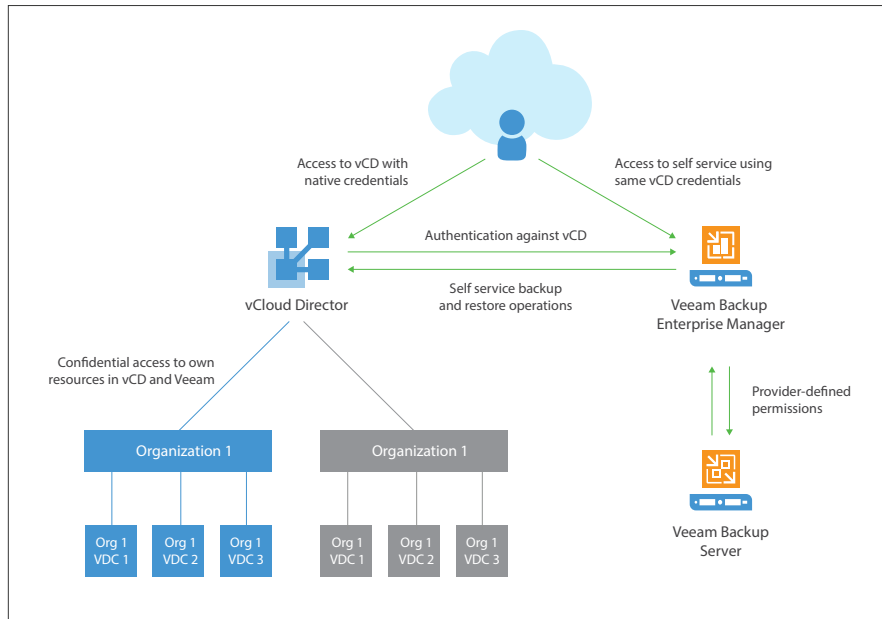
Iain Gardiner
Systems and Database
Administrator
Wingecarribee Shire Council



Veeam Backup & Replication has been verified by VMware as VMware Ready.

Native vCloud authentication

The latest version of Veeam Backup & Replication leverages native vCloud Director authentication technology to authorize tenants to log in to Enterprise Manager. By identifying the resources that a vCloud Director user is allowed to see and manage, Veeam automatically filters vCloud Director resources to show only the components they have been assigned. This helps improve service provider operations in vCloud Director as a tenant only needs to be configured once, and any change will be immediately reflected in Veeam Enterprise Manager.



About Veeam

Veeam® enables the Always-On Business™ by providing solutions that deliver *Availability for the Always-On Enterprise™*. Veeam recognizes the challenges in keeping a business up and running at all times and addresses them with solutions that provide high-speed recovery, data loss avoidance, verified recoverability, leveraged data and complete visibility. More than 230,000 customers worldwide, including 73% of the Fortune 500, count on Veeam to protect 13.3+ million VMs.

Self-service backup and restore

Tenants create new backup jobs using their vCloud Director credentials via Veeam Enterprise Manager. This allows tenants to specify which VMs to backup as well as all essential parameters such as retention and notifications. This approach also enhances security as tenants are no longer required to provide service providers with their guest OS credentials.

Regarding restores, tenants may quickly view which VMs are protected and can quickly restore an entire VM. Tenants may also use the quick rollback option to restore only the damaged blocks of the virtual disk. File- and application item-level restores available in Veeam Enterprise Manager are also available for tenants directly from the self-service portal.

Management

Service providers also have unique capabilities via Veeam Enterprise Manager. By logging in with the portal administrator credentials, they can configure target repositories and quotas, simplifying administration and management. Advanced job setting templates can also be used to quickly assign advanced backup options to tenants.