

Enhance cloud-based backup and recovery with Veeam and Dell EMC ECS object storage

Business challenges

The lightning-fast pace of technological innovation is transforming the way organizations operate in every industry. This digital transformation can either make or break your business because, in the digital world, customers expect 24x7x365 availability. To meet these demands, businesses are evaluating new storage technology innovations, including off-premises cloud storage solutions, all backed by strong data protection and compliance.

The wide Dell Technologies portfolio of data protection and storage includes a solution for customers choosing Veeam backup and recovery with Dell EMC ECS, the leading object storage platform. The solution enables customers to accelerate hybrid cloud adoption and maintain data security compliance for both traditional and next-generation workloads alike.

Solution overview

ECS is a multipurpose, software-defined, cloud-scale object storage platform that delivers the ease of use and economics of the public cloud without the data sovereignty and security concerns. ECS features native multitenancy to deliver Backup and Archiving as a Service that can support multiple tenants and applications on a single, easy-to-manage cloud storage platform. ECS brings the cost profile, simplicity and scale of public cloud services to everyone with the trust, reliability and support you expect from Dell Technologies. ECS is an ideal choice for storing, managing and protecting unstructured data using S3 whether on-premises, in a hybrid cloud or in a private cloud.

Dell Technologies and Veeam work together so you can do more with data, all at a lower total cost of ownership for critical use cases, such as line-of-business applications, websites, mobile apps, IoT data stores, analytics initiatives and long-term archives. Dell EMC ECS is a Veeam Ready object storage with immutability solution, so you can rest assured features meet Veeam's functional and performance standards.

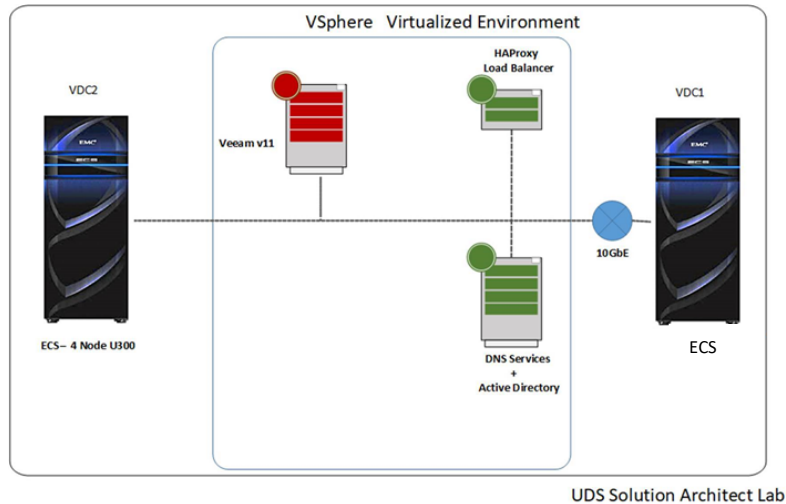
With the massive increase in ransomware attacks, cyber security has become a major concern for government and business entities of every description. To help address this problem, both Veeam and ECS support AWS Object Lock for data immutability. This means that a second immutable copy of your backup or replicated data will be protected in the event of a ransomware attack. This copy can be stored at an offsite location. The immutable copy provides you with an untouched copy of the data that is safe and always recoverable.

Essentials

- Backup & recovery**
 Ensure your data is backed up and recoverable on your terms with various backup and granular recovery options
- Cyber security**
 Store an immutable second copy of your backup or replicated data with Object Lock
- Cloud portability**
 If cloud is part of your data center strategy, be prepared to back up and recover to, from and within the cloud for portability and cost savings
- Governance & compliance**
 Effectively manage your backups from virtual testing to ensure that copies of your data are recoverable, secure and compliant
- Lower cost than the public cloud**
 ESG has shown that ECS is up to 59.5% less expensive than the public cloud¹



The combination of ECS with the set of enterprise-grade backup and replication capabilities from Veeam help you reduce operational overhead while providing the flexibility and reliability that you can count on. Veeam delivers powerful backup and replication availability across all cloud, virtual and physical workloads, so you can protect your data no matter the location or workload type.



ECS and Veeam Solution Architecture

How Veeam helps you leverage investments in Dell EMC ECS

Veeam provides modern data protection for reliable business outcomes, including:

- Perform reliable backups for any workload, shorter backup times and reduced operational costs with unparalleled flexibility
- Perform rapid restores for files, virtual machines (VMs), NAS and applications, ensuring low recovery time objectives (RTOs)
- Reuse your backup data to ensure security, compliance, recoverability, successful upgrades and make smarter decisions
- Use imaged-based replication and streamlined disaster recovery (DR) for increased speed, security and availability
- Protect workloads and store backups in the cloud for redundancy and flexibility
- Protect your data from cyber-attacks, including ransomware, by implementing Object Lock with ECS

Veeam's distributed deployment together with ECS scale-out object storage allows customers to distribute workloads across many Veeam servers and ECS nodes, lowering costs. Together, ECS and Veeam provide a comprehensive and flexible solution for your demanding data backup and archive needs. Veeam provides proven data protection software with intelligent integration with ECS, the industry's leading scale-out object storage platform. The Dell EMC ECS EX300, EX500, EX3000 and EXF900 systems provide cost, capacity and performance options to meet the requirements of all storage environments.

Take the next step

Contact your Dell EMC sales representative or authorized reseller to learn more about how ECS cloud archive solutions can benefit your organization.

¹ Economic Benefit Analysis of On-premises Object Storage Versus Public Cloud, ESG: by Tony Palmer and Scott Sinclair, February 2019



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