



SOLUTION SHEET

# Scality object storage and VMware Cloud Director

*Manage the world's best object storage directly from VMware's Cloud Service Provider Portal*

VMware Cloud Director plays a crucial role in enabling the delivery of cloud services in a secure, scalable, and efficient manner. It is used by service providers to offer Infrastructure as a Service (IaaS) and related cloud services to their customers. VMware Cloud Director enables the creation and management of virtual data centers, allowing users to provision and manage compute (VMs), networks, storage, and other cloud resources in a scalable and automated manner. Cloud Director also offers applications (object storage, data, and messaging services), cloud-native solutions (Tanzu Kubernetes Grid clusters), and accelerated computing (vGPUs).

Scality provides an integrated solution for VMware Cloud Director that allows service providers and their customers to manage petabyte-scale object storage directly from the VMware user interface. The integration between Scality and VMware Cloud Director enables service providers to quickly create new services for a range of data protection workloads including backup and archive, disaster recovery, big data, and more.



## Key benefits

### Certified for seamless interoperability

VMware provides the Object Storage Extension (OSE) and the Object Storage Interoperability Service (OSIS) to enable S3-compatible storage providers to tightly integrate with VMware Cloud Director. Scality is part of the VMware Partner Program™ for Object Storage Extension and is certified by VMware as an OSIS-compliant partner.

### Comprehensive Amazon S3 compatibility

The Amazon S3 API has become the industry's default cloud storage API and the standard RESTful interface for object storage. Scality offers scalable and durable object storage with a comprehensive, native S3 interface combining secure multi-tenancy and high performance.

### Boundless scalability

Scality supports growth of big data to dozens of petabytes and beyond. Scale out seamlessly as your performance and capacity needs grow — without downtime or disruption of access. Acting as a single, distributed system, Scality scales limitlessly and linearly across thousands of servers, multiple sites, and an unlimited number of objects.

### Unbreakable, enterprise-grade security

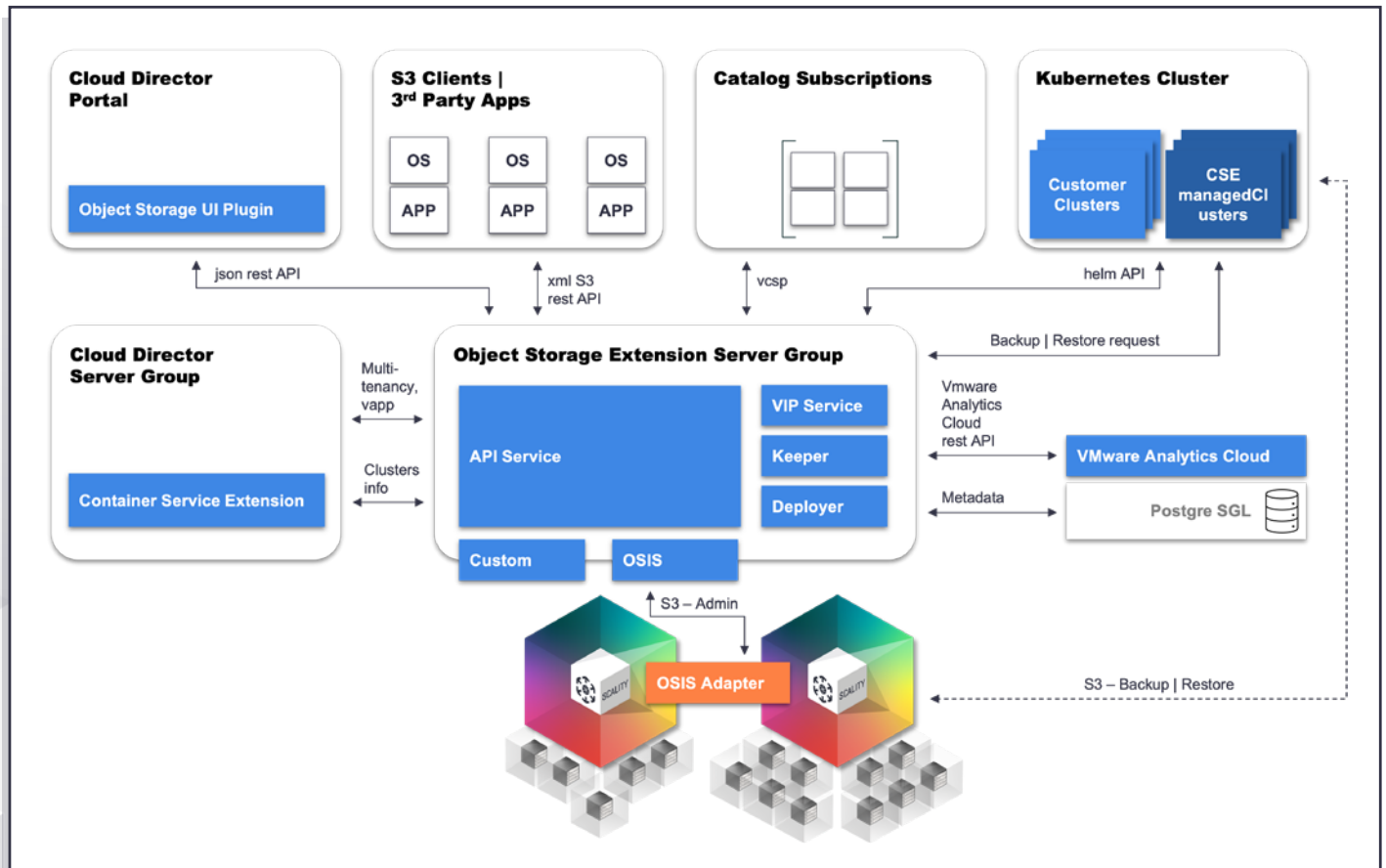
Scality supports regulatory requirements for privacy and security via secure multi-tenancy with AWS-compatible identity and access management (IAM) signature v4 authentication, access control, bucket-level object versioning and industry-standard AES 256 encryption. To support customers' need for ransomware protection, Scality offers data immutability enabled by the Amazon S3 Object Lock API. This defense renders data impervious to attacks by preventing it from being deleted or overwritten for a period of time (or indefinitely).

### Operational and economical efficiency

For maximum compatibility and cost-savings, Scality software is designed for deployment on industry-standard x64 server platform hardware, disk drives and standard IP networks. By riding on the declining cost of commodity hardware, the cost of ownership is minimized. Unlike conventional storage, our design enables worry-free capacity expansion to any level of capacity and performance. A single growing pool of storage helps cloud service providers simplify management and reduce storage silos.

# Cloud storage use cases

Scality and VMware Cloud Director enable service providers to offer a wide variety of services to their customers including Storage-as-a-Service (STaaS), Backup-as-a-Service (BaaS), Ransomware Protection-as-a-Service (RPaaS), and more!



## About Scality

Scality solves organizations' biggest data storage challenges — growth, security and cost. Delivering 100% uptime, unbreakable ransomware protection and utmost resilience, Scality RING and ARTESCA make storage infrastructures infinitely scalable in all critical dimensions: capacity, performance, applications and data location. From core to cloud to edge, Scality object storage software is reliable, secure and sustainable. The world's most discerning companies trust Scality so they can grow faster and execute new ideas quicker — while increasing efficiency and avoiding lock-in. Recognized as a leader by Gartner and IDC. Follow us on [Twitter](#) and [LinkedIn](#). Visit [www.scality.com](http://www.scality.com), or subscribe to our [blog](#).

