

# Scality RING & CTERA Global File System

**Cloud storage is rapidly changing how organizations build, manage and deliver data services. Enterprises are transforming into IT-as-a-service providers, and managed service providers are bringing cloud services to business customers who no longer want to manage IT. Today's modern cloud service offering starts with critical requirements: software-defined storage and platform-centric service delivery.**

Software-defined storage (SDS) is the next stage of IT infrastructure virtualization. Scality RING supports multiple workloads and standard server hardware in a single, petabyte-scale system that provides flexible, cost-efficient, and highly-scalable storage infrastructure.

A platform-centric approach to cloud services provides unique capabilities in managing distributed infrastructure, provisioning resources, automating controls and aggregating a number of applications into a common services framework. CTERA is the leader in cloud storage and the provider of a next-generation cloud storage services platform that transforms Scality RING into a wide variety of managed file services, enabling organizations to serve, protect and collaborate on file-based data like never before.

## **Cloud storage for cloud and IT-as-a-service providers**

The CTERA Cloud Storage Services Platform for Scality RING gives enterprise IT-as-a-service organizations and public cloud service providers a quick and easy way to leverage their cloud storage to launch a variety of storage-as-a-service offerings. With automation, multi-tenancy, security and a broad portfolio of cloud-enabled storage services, CTERA's Scality-certified solutions facilitate highly cost-effective, centrally managed services that address a number of IT initiatives.

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## **Key benefits**

### **Lower cost**

Scality + CTERA offer a unified, easy-to-manage storage infrastructure with worry-free expansion—all while reducing TCO by up to 90%. Leverage standard servers seamlessly to reduce training and maintenance costs—and for rapid scaling. Automatic rebalancing and self-healing enable efficient and cost-effective capacity expansion and server replacement for better overall lifecycle management.

### **Flexibility**

Designed to reduce the cost and complexity of traditional IT and backup, CTERA is server and endpoint backup that works for today's business—without walls. CTERA's backup solution provides endpoint backup and recovery for in-cloud VM's and roaming users going direct to cloud, as well as gateway-facilitated connection where WAN latency is a concern.

### **Digital business**

Enterprises demand data durability in the 14x9s with an intuitive management environment, extreme fault tolerance, geo-distributed deployment and configurable protection policies (replication or erasure coding). This combined solution gives enterprise IT-as-a-service and public cloud service providers a simpler way to build and leverage their cloud storage to launch a variety of storage-as-a-service offerings.

### **Perfect fit**

A cross-certified solution that enables managed services offerings for storage, backup and sync and share, Scality RING easily supports mixed workloads.

## Branch office modernization

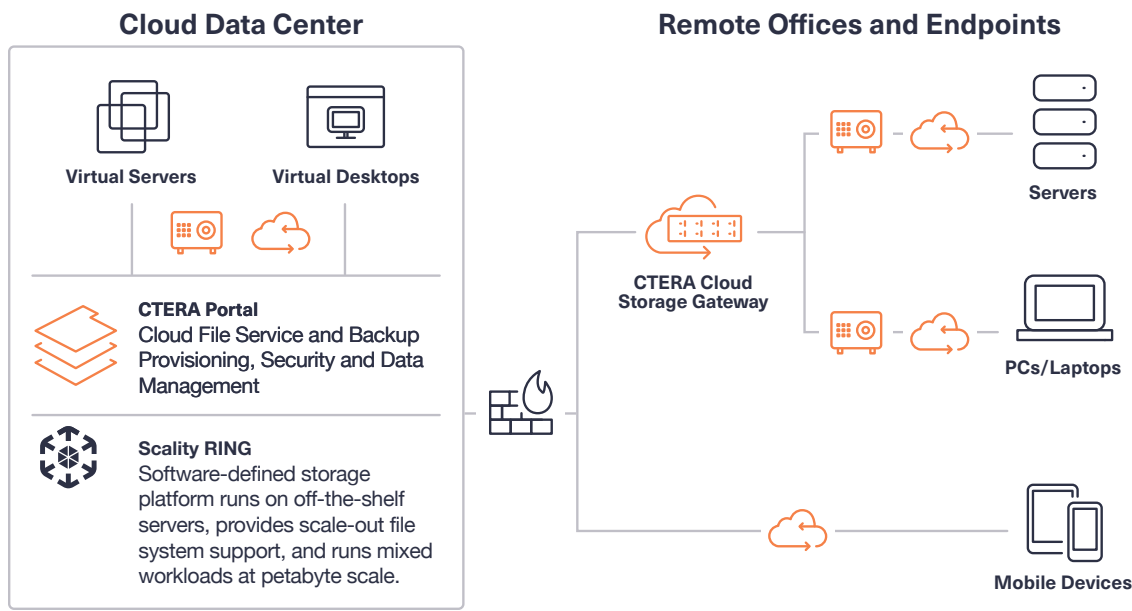
CTERA's branch office storage appliances combine cloud storage gateways with integrated NAS, file sharing and cloud backup capabilities for disaster recovery, creating a comprehensive and centrally managed solution that does away with legacy file servers, backup systems, deduplication tools and inefficient silos of storage.

## Server and endpoint backup

CTERA's cloud backup agent provides end-point backup and recovery for in-cloud virtual machines and roaming users where data is sent direct-to-cloud, while remote office desktops and servers leverage CTERA Cloud Storage Gateways to minimize WAN latency. CTERA's backup solution covers multiple platforms and use cases, avoiding the complexity and cost of traditional IT backup.

## Enterprise file sync & share

CTERA provides an enterprise-grade platform for employees to sync and share their file data 100% in their own cloud with end-to-end security and data ownership. Managed via CTERA Portal, the solution allows enterprises and service providers to offer sync services for mobile users, desktops, virtual desktops and gateways, simplifying enterprise secure file sharing.



### CTERA Enterprise Cloud Storage Architecture for Scality RING

**ABOUT CTERA** CTERA's mission is to enable cloud-driven enterprise IT organizations to deliver secure file services. CTERA believes modern organizations should be able to harness the agility, scalability, collaboration and cost efficiencies of the cloud, without compromising the performance, availability or security of their data.

**ABOUT SCALITY** Scality® storage propels companies to unify data management no matter where data lives — from edge to core to cloud. Our market-leading file and object storage software protects data on-premises and in hybrid and multi-cloud environments. With [RING](#) and [ARTESCA](#), Scality's approach to managing data across the enterprise accelerates business insight for sound decision-making and maximum return on investment. To compete in a data-driven economy, IT leaders and application developers trust Scality to build sustainable, adaptable solutions. Scality is recognized as a leader by Gartner and IDC.

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