

# ENTERPRISE CLOUD STORAGE SOLUTIONS FROM CTERA & IBM CLOUD OBJECT STORAGE

Next-Generation Software-Defined Storage Services Platform



## CLOUD STORAGE FOR IT-AS-A-SERVICE AND CLOUD SERVICE PROVIDERS

Cloud storage is rapidly changing how organizations build, manage and deliver data services. Large clouds are now being built by enterprises who are transforming into IT-as-a-Service providers, as well as service providers that now offer cloud services to business customers who no longer want to manage IT. To achieve their goals of modernizing cloud-based offerings, today's cloud storage-as-a-service providers have identified two critical requirements that are essential to delivering on their mission: **software-defined storage** and **platform-centric service delivery**.

### Welcome To The Era of Software-Defined Storage

Software-Defined Storage (SDS) sits at the forefront of the IT infrastructure disruption that is caused by cloud computing. Object-based cloud storage systems such as IBM Cloud Object Storage enable to easily store and manage large-scale digital content, providing advantages such as data mobility scalability, simplified integration & development and storage efficiency. The IBM Cloud Object Storage solution provides a path to highly cost-efficient and scalable storage, while enabling cloud builders to deploy infrastructure that is 100% under their control and behind their firewall.

### The Power of a Cloud Storage Platform

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 Networks is the leader in cloud storage and a provider of a next-generation Cloud Storage Services Platform that transforms IBM Cloud Object Storage into a wide variety of managed files services that enable organizations to serve, protect and collaborate on file-based data like never before.

### **ctera** CTERA Cloud Storage Benefits

- IBM Cloud Object Storage-certified file services from CTERA
- CTERA cloud-enabled backup for endpoints and servers
- CTERA Cloud Storage Gateways act as all-in-one appliances, providing local NAS access and backup
- Next-generation file collaboration tools that enable file access anywhere and sharing from mobile
- A suite of managed services tools, APIs and security features to automate, simplify and protect data across the cloud

### IBM Cloud Object Storage IBM Cloud Object Storage Benefits

- CTERA-certified dispersed object storage system with limitless scalability.
- Combines information dispersal with all or nothing transform (AONT) encryption in the event data is compromised.
- Provides configurable reliability for continuous data availability, even when multiple hardware devices or locations are down or compromised.
- Eliminates data redundancy and incremental costs found in traditional methods, significantly reducing TCO.

**IBM Cloud Object Storage**

The CTERA Cloud Storage Services Platform for IBM Cloud Object Storage gives IT-as-a-Service organizations and public cloud service providers a quick and easy way to leverage their object storage to launch a variety of storage-as-a-service offering. With ultimate automation, multi-tenancy, security and the broadest portfolio of cloud-enabled storage services, CTERA's IBM Cloud Object Storage-certified solutions facilitate highly cost-effective, centrally managed services that address a number of IT initiatives, including:



**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 the 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.

