



CASE STUDIES

Enterprises Adopt On-Demand Storage

Enterprise storage managers face a growing challenge of storing, managing and protecting enterprise data. Unstructured, file-oriented data is generally the fastest growing type of information and often has the most unpredictable usage, access and growth profile.

In this document, discover how a number of enterprise customers are taking advantage of Zetta's On-Demand NAS technology to grow their businesses, protect their data, streamline their operations and reduce their cost of storage.



Today's Solutions

Until now, there were two general approaches to storing unstructured file data, traditional file servers such as Network Attached Storage (NAS) devices; or first-generation web-oriented object store cloud storage services.

On premise enterprise-class NAS storage can provide the necessary technology features such as: fully featured file system with common access protocols, good levels of data protection, data management tools like snapshots, and file access security controls. Problems arise with high up-front capital costs, facilities expense, ongoing manage expense, data protection overhead (both from a product and manpower perspective) and a lack of flexibility or immediacy.

Storage services can solve many of the business issues with fast-growing or fluctuating storage loads with features such as a pay-as-you use model, low or no capital costs, low or no facilities costs, and lower management costs. Storage services that are designed to support web-based object models, however, are not compatible with enterprise file storage and access methods and do not offer the data reliability or security required for enterprise use.

Zetta Enterprise Cloud Storage — On-Demand NAS

Zetta provides the compatibility and features of an enterprise-class on-premise NAS system with the operational and business benefits of an on-demand storage service. It can reduce the burdened cost of owning, managing, and protecting enterprise storage by as much as eighty percent.

Case 1

Business: UCLA Computer Science Department

Application: Online Archive

Problem: Replacement for antiquated tape backup

A major state university was looking to replace an antiquated tape backup process with an online archive of file information. Initial investigation included traditional storage service providers, but those were dismissed for lack of a compatible file access protocol.

Zetta solution: Online archive replaced the existing tape backup process. Files are securely moved using FTPS protocol over an Internet connection. Once archived to the Zetta volume, files can be directly accessed via NFS without having to go through a restore from tape.

Result: Planned 1TB of file data is being archived to the Zetta system. After a brief testing phase, implementation was immediate with no special hardware or software required.

Case 2

Business: Legal

Application: Active archive

Problem: Replace aging WORM system with active archive

One of Silicon Valley's largest law firms wanted to migrate off an aging content addressable storage repository they had purchased a number of years ago. Long-term data retention with a dual off-site



profile was on the requirements list. And files needed to be live and directly accessible with common access protocols, not in a backed up or offline state.

Zetta solution: Zetta volume with expected capacity of 10TB to 25TB, accessed via CIFS over Internet connection with 50-100 users.

Result: Migration of old data successfully underway. New information flowing to the Zetta system. Geo-replication planned for 2010.

Case 3

Business: Online Gaming

Application: Primary Data and Backup

Problem: Cost-effectively hosting and sharing internal user content and backing up corporate data.



This developer and publisher of multi-player online games required flexible and expandable storage for their corporate IT use. Data includes shared user folders and backup. Native file system access to the storage without requiring application rewriting was critical.

Zetta solution: Zetta volume with expected capacity of 2TB to 5TB for the initial use cases, accessed via NFS, CIFS and WebDAV over Internet connection.

Result: With standard file access and no APIs required, Zetta is “the most flexible solution.”

Case 4

Business: Service Provider

Application: Video training

Problem: Sharing video training data to widespread client service workers.



A growing provider of outsourced tele support needed to provide online video training to dispersed service workers. Performance, storage capacity and distributed access were all requirements.

Zetta solution: Zetta volume expected capacity of 10TB to 25TB, accessed via CIFS over Internet connection with 50-100 users.

Result: Migration of old data successfully underway. New information flowing to the Zetta system. Geo-replication planned for 2010.

Case 5

Business: Social Networking

Application: Database log storage

Problem: Expandable, reliable, remote storage for database log files.



This award winning California-based social networking company needed expandable, storage for PostgreSQL write-ahead log files. Space and power were constrained in their own environment making offloading to an outside service attractive, but integration into their environment needed to be smooth.

Zetta solution: Zetta volume with expected capacity of 5TB to 10TB, accessed via rsync and NFS over Internet connection.

Result: Several TBs of log file data are being safely and reliably transmitted and archived in the Zetta service.

Case 6

Business: Accounting

Application: Backup and archive

Problem: Offsite archive of miscellaneous unstructured data.



This regional accounting firm with 30 professionals required secure offsite storage for a multitude of unstructured data types. They did not have the IT staff resources to implement new programming calls and needed a flexible solution that would work with their current infrastructure.

Zetta solution: Zetta volume with expected capacity of 1TB to 2TB, accessed via WebDAV over an Internet connection.

Result: Zetta fits transparently into this CPA firm's IT infrastructure. Data is easily, securely and natively moved back and forth between the accounts and the Zetta storage cloud.

www.zetta.net

Zetta

Zetta, Inc. is a leading provider of enterprise cloud storage solutions. Zetta Inc. was established in 2007 and has raised \$11 million to date. Zetta is backed by Sigma Partners and Foundation Capital.

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