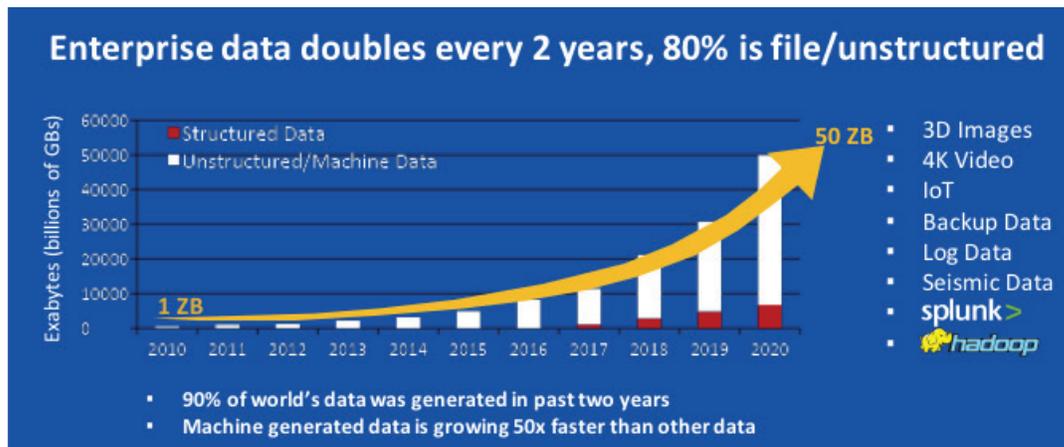# Global File Distribution

BUSINESS CHALLENGE

Quickly Distribute Your Data Globally without Duplication

Today's modern enterprises require real time file sharing and global distribution. For decades, enterprises have invested in traditional methods such as replication or remote access to manage data sharing. The explosive growth of unstructured data (See Figure 1 below) has increased the file sharing challenges, and enterprises continue to struggle to meet the demands of users. Did you know that the traditional replication methods can lead to multiple versions of the same data or loss of data from one location to the next? Moreover, a storage investment for every site is required along with backup and disaster recovery, which makes replication very expensive. While traditional remote access methods can be utilized via WAN or MPLS links or VPNs, they are high-cost and cause major latency concerns for applications and users. Regardless of which method you use to access and share your data (replication or remote access), there is considerable cost, maintenance, and management required. With either solution, your network bandwidth will be a bottleneck, which causes latency for users and applications that need access to the data.

Figure 1: Unstructured data growth projections

SOLUTION OVERVIEW

Deploy Panzura CloudFS™

The Panzura CloudFS platform includes everything needed to access large amounts of data across any number of locations, orchestrates data caching intelligently, and enhances performance. Panzura Global Cloud File System enables globally distributed users to work as if they were in the same room. The following are key components of the Global Cloud File System platform:

Global Namespace. Data can be accessed from any location anytime, anywhere across multiple sites.

Single Source of Truth. All data is consolidated in a public or private cloud — reducing duplicate data and eliminates versioning challenges.

Local Caching Services. Panzura caching eliminates latency ensuring that users and applications can access their data as if it were local. The Panzura Freedom Filer further enhances local performance through the implementation of usage and request-based prefetch functions.

Cloud Mirroring for High Availability of Data. Panzura offers cloud mirroring functionality, which allows data to be written to two cloud object stores in real time. Data is written to both cloud object stores at the same time, and is not released until acknowledgment and validation is received and matched to both of the cloud object stores. In other words, if connection to the primary cloud fails, write and read requests are sent to the secondary cloud. In the meantime, Panzura's Global Cloud File System continues to maintain the single source of truth. It detects when connectivity is restored to the primary cloud and maintains consistency of the primary cloud by resuming data writes at the appropriate location.

"Panzura is the one product that we have bought that fits our need, 100% does what it does, and we have no regrets about it. To be able to save a file here in the US, and someone in Japan who is working on a deal can get into the file, just works flawlessly. Panzura has become part of our standard deployment - each office has a Panzura Filer as it really simplifies the on-boarding process for unstructured data. Panzura's ability to move data flawlessly and seamlessly has opened up new ways for us."

Jeff Foydl, CIO, Lincoln International

CUSTOMER BENEFITS

Access Your Data Anywhere - Hassle Free

Global Access and Centralized Management

Panzura's Freedom™ Filer provides a global namespace to access data from any location without transporting or replicating data from site to site. Manage your data from one place in the cloud.

Expand Your Storage Easily and Cost Effectively

By consolidating data in the cloud, the islands of storage by site to site replication are eliminated, significantly reducing costs, simplifying management, and eliminating versioning issues.

Reduce Network Utilization and Cost

The Freedom Filer's Global CloudFS and integrated network optimization features allow enterprises to greatly reduce or completely eliminate their dependency on expensive MPLS links while using less expensive and higher bandwidth of public Internet links.

Simplify backup and Data Recovery

Panzura stores 100% of its data in the cloud, which can offer 16 9s or greater durability. Automated, space-efficient snapshots provide point-in-time data recovery with a near-zero RPO for fast, simple recovery that eliminates the need for replication and backup processes.

About Panzura

Panzura is the leader in multi-cloud file and data management, which is a $68B market opportunity. Its portfolio includes Panzura Freedom NAS and Vizion.ai. Freedom NAS provides software-defined, multi-cloud file services to enterprises in over 7500 sites globally. The Vizion.ai SaaS platform enables enterprises to meet the most demanding requirements for data search, analytics, and governance in a multi-cloud world. Panzura partners with cloud providers like AWS, Google, IBM, and Microsoft, and has over 400 resellers worldwide. Organizations like Fluor, Skidmore, Sony, Avis, American College of Radiology, LiveNation, Daimler, AFConsult, and Chevron use Panzura to consolidate and unlock the power of multi-cloud data management.

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