Solution Brief

"Cloud-Like" File Management Through a Secure Central Repository with Limitless Elasticity

Overview

As organisations grow, new branches and business units are created to meet immediate market requirements. With the distinct needs that these new agile units have, IT teams often struggle to deploy and scale systems for them. As such, new units would seek exceptions and deploy their own systems, creating siloed and disparate data infrastructures.

While silos may appear harmless, there are potential risks with serious implications. First, it add frictions when sharing data. As digital collaborations increase, such friction forces users to share files using insecure methods. Next, as data grow exponentially, siloed infrastructure poses operational risks in areas such as storage scalability and backup.

Hence, organisations must evaluate their existing file management and repository systems, ensuring they have a comprehensive solution with good user experience, security, and limitless elasticity. This will enable organisations to meet their goals with greater trust and confidence.
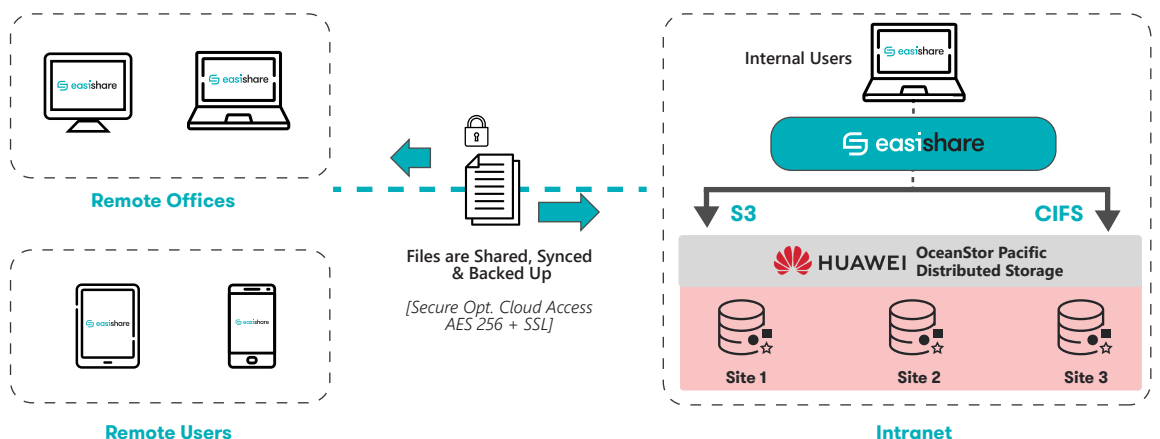
Challenges & Needs

With frequent cyber-attacks and costly data breaches, IT teams are expected to secure files. However, they lack visibility of file activities and tools to enforce controls. Without proper tools, users also turn to unauthorised public cloud tools/devices. As a result, IT teams struggle to implement effective file governance in their digital workplace.

Beyond file governance, IT teams need to ensure the availability of systems amidst tightening RPO/RTO standards and provide greater IT infrastructure scalability. In today's digital landscape, businesses that fail to recover swiftly from cyber-disasters will have to shut down operations. This not only causes financial losses, but also severe reputational damages. In addition, lack of agility will result in missed business opportunities and losing out to competitors.

Therefore, the ability of IT to overcome these challenges and implement effective file governance with resilient storage systems is key to ensuring organisational success.

Solution Architecture

EasiShare's integration with Huawei OceanStor helps organisations resolve security and scalability challenges by providing **greater control, visibility, and resilience over its files and storages.**

Remote Offices

Files are Shared, Synced & Backed Up

[Secure Opt. Cloud Access AES 256 + SSL]

Remote Users

Internal Users

easishare

S3   CIFS

HUAWEI OceanStor Pacific Distributed Storage

Site 1   Site 2   Site 3

Intranet

Our Solution

With EasiShare's unified file management platform, IT teams can effectively govern its remote offices and users by creating distinct security policies, implementing granular access controls, and gaining detailed insights into users' file activities through the comprehensive audit logs. EasiShare also provides users with an intuitive interface to securely share or collaborate files with minimal friction. And for added peace of mind, files are automatically backed up to the resilient Huawei OceanStor's storage.

Running on a distributed object storage foundation, Huawei OceanStor Pacific Distributed Storage can consolidate large amounts of data from multiple sites to a secure, centralised location with its unique scale-out abilities and elastic scalability capabilities. Furthermore, in the event of a cyber disaster, data is easily recoverable, allowing businesses to continue their operations swiftly.

Benefits

"Cloud-Like" File Management that Scales Multi Locations

Using a **modern and familiar user interface**, EasiShare is designed to make it convenient for users and IT teams to manage their data effectively and extending EasiShare to multi locations with ease.
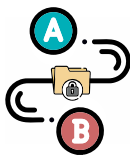
End to End File Security

EasiShare and Huawei OceanStor **protect data in transit and at rest** with data loss prevention controls and industry-leading encryption methods. Our combined solution reduces exposure of data to malicious actors and facilitates quick recovery after cyber-attacks.

Large-Scale Deployment at Lower Costs

Huawei OceanStor is **designed for ultra-high density capacity** that unlocks the value of every single rack unit in a data centre. It uses high ratio of erasure code (EC) to achieve an optimized ROI and adopting industry-leading deduplication and compression technology to increase effective capacity.

About Huawei OceanStor

The Huawei OceanStor distributed storage series helps enterprises unlock the value of massive data, offering diversified storage for applications such as virtualization and cloud resource pools, big data analytics, High Performance Computing (HPC), video, content repository, backup, and archiving.

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inspiretech

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Established in 2000 in Singapore, Inspire-Tech has grown from a humble start-up into a future-driven and internationally expanding organisation which provides easy-to-use and secure software products and services.

HUAWEI

www.huawei.com

Founded in 1987, Huawei is a global ICT infrastructure and smart devices provider operating in 170+ countries with 195,000+ employees serving 3+ billion people. It aims to connect the world, promote equal network access, deliver ubiquitous cloud and intelligence, build digital platforms, and redefine user experience with AI.