

Objective

To implement a solution that would protect the client's critical data, grant protection against data loss, and improve their disaster recovery capabilities.

Solution

Synology NAS Storage

Business Impact

- Increased productivity
- Reduced downtime
- Centralised, scalable backup Storage
- Improved disaster recovery capabilities
- Remote Access

Industry

Financial Services

Introduction

A Credit Rating agency in the Finance sector, with more than 12 branches spread across India, wanted a solution to protect their critical data and improve disaster recovery capabilities. The agency provides an entire spectrum of credit rating services that help corporates to raise capital for their needs, and assists the investors to reach informed investment decisions based on the credit risk and their own risk-return expectations. The company adopted a NAS solution for their needs as it allows storage and retrieval of data from a central location for authorised network users and varied clients.



Challenge

In today's high risk network environment with external attacks and ransomware on the rise every day, local and offsite backups are essential for a business to conform to international standards in disaster recovery.

Being a leader in the Credit Rating industry, the client had critical transaction databases that were increasing dramatically on a daily basis. They needed a storage solution that had the speed and space to back up all their data, including a growing fleet of servers hosting these databases.

For the most critical data, it was not sufficient to keep only one local copy – they require an additional backup in a separate location to ensure that the company is safeguarded from any potential natural disaster at the head office.

Finally, the solution should also have the capability to scale with their demand as business expanded.

Solution

Swan recommended Synology NAS as the solution to the client's need, primarily because of its capacity to store and retrieve data from a centralised location. For the project, Synology NAS Storages were installed at 12 various branches across PAN India. Each storage worked as a Local file server for that particular branch. The same acted as a backup device for end users. At the end of the day, the data at all branches gets replicated at head office's centralized storage for disaster recovery. This kept the client at ease regarding their data security.

The solution implemented by Swan included Flexible shared folder and user quota settings that provided comprehensive quota control on all user accounts and shared folders. Further, file - or folder-level data restoration accelerated data recovery and provided more flexibility for business. It also enabled the client to generate reports

for each replication task, which was useful for the IT administrator to further evaluate and optimize for the network environment.

Swan was actively involved in all stages of the project from the start till the end. They played a crucial role in all the design, deployment and support functions. The following arrangement was made for the client for their data protection and recovery needs. The NAS storages of all branches replicated their data on the Mumbai NAS storage over WAN connectivity. Further, Mumbai branch's data was replicated on Ahmedabad's Storage over WAN connectivity. In case of a disaster, the data could be restored from the Mumbai Storage. Users could also retrieve their data on their own.

These advantages of storage, protection, control and disaster recovery capability make Synology NAS the ideal choice for a Financial Services Company.

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