

CASE STUDY

AUTOMOTIVE PIONEER

the Company and its employees are committed to excellence and act responsibly towards society and the environment, to shape the future of safe and sustainable mobility with ground breaking technologies and high-quality products



Customer and About

The client is a 100% captive unit of a global leading producer of premium passenger cars and the largest manufacturer of heavy- and medium-duty trucks in the world. The run in India one of their largest Research and Development center which contributes in the areas of Computer Simulation (CAE), Design (CAD).

Organized in extended teams, the engineers collaborate with our partners in the Research & Development Centers and Business Units in Germany, Japan and the USA.



Problem Statement

IT Department was unable to put a enterprise backup solution to encompass faster backups, restores, archival platforms and enable enterprise search without investing into point solutions for each of the above processes.

The current backup strategy required them to have separate disparate infrastructure to get to the stated goal of enterprise backup with a common platform.



Solution Proposed

- A staging environment was created where the following was successfully demonstrated:
- Windows file system backup and single file restore.
- CENT OS file system backup and single file restore.
- VMware, VMDK level backup and single file restore directly to the host.
- Domino Database backup and single mail restore.
- Online SAP, Oracle and SQL backups/restore without manual scripting. Source site deduplication to disk, global deduplication and single file restore enabled.

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Successful Implementation

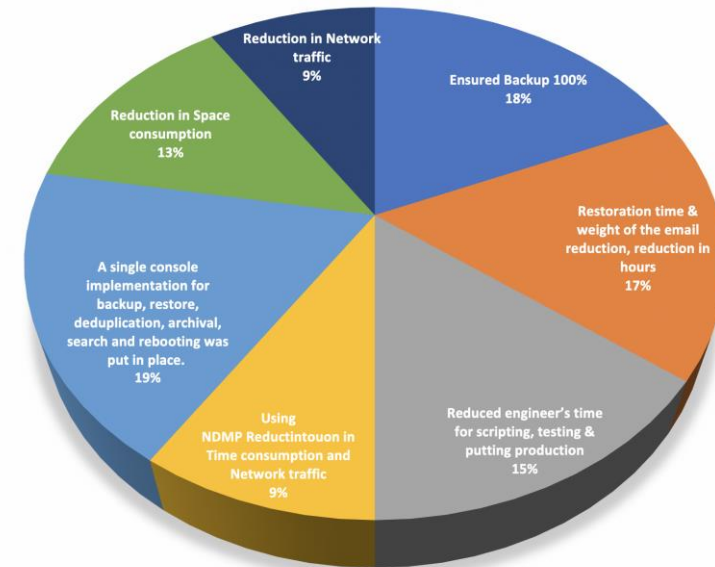
- Backing up of all servers.
- VSA agent to provide VMDK, file level backups to virtual guest OS.
- Based on scheduled policies, data was backed to disk with deduplication enabled and schedule automatic move of data from disk to tape for long term retention.
- Lotus Domino, installed on the respective servers
- SAP, Oracle and SQL online agents installed on the respective servers
- NDMP agent for NetApp storage enabled to move data to the staging area on High Density SATA disks
- A single console implementation for backup, restore, deduplication, archival, search and rebooting was put in place.



Outcome

- Ensured Backup 100%
- Restoration time & weight of the email reduction, reduction in hours 90%
- Reduced engineer's time for scripting, testing & putting production 80%
- Using NDMP Reduction in Time consumption and Network traffic 50%
- A single console implementation for backup, restore, deduplication, archival, search and rebooting was put in place.
- Reduction in Space consumption 70%,
- Reduction in Network traffic cost 50%

GRAPHICAL REPRESENTATION



Conclusion :

Reduced engineer's time for scripting, testing & putting into production 80% Using NDMP Reduction in Time consumption and Network traffic 50%
A single console implementation for backup, restore, deduplication, archival, search and rebooting was put in place. restore, deduplication, archival
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