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STORAGE SERVICES READY FOR TODAY PREPARED FOR TOMORROW





Overview

Digital data is growing at a rapid pace and is almost doubling in every two years. Data is considered currency in the current day and age each byte of data stored is associated with business value. As such, responding to this steep rise in the per-capita storage volume consumption has become a matter of concern for businesses.

Trends & challenges

Storage assessment is getting critical with each passing day. The growing volume of data and storage capacity to service it, comes as no surprise. In addition to the explosive data growth, the inception of heterogeneous storage platforms is complicating the problem further.



Storage needs are growing faster than IT budgets can accommodate and it is becoming tougher for enterprises to arrange the necessary infrastructure and human resource on time



With Cloud services invading the data center, there is a paradigm shift in the way storage is procured and managed



The growth in volume creates the demand for newer information management tools, data protection technologies and disaster recovery solutions



Multiple vendors follow multiple protocols with poor or limited inter-operability raising concerns around migration and effective management

Mphasis service offerings

Mphasis supports all major storage vendors that supply 90% of storage data globally. As per client requirements, we propose suitable engagement models. Mphasis business solutions can be leveraged to enhance your ROI against TCO. Our service offerings include:

Assessment & performance management

- Storage assessment services
- Storage capacity & performance management

Migrations

- Storage refreshing & consolidation
- Storage fabric migration

Operational support services

- Storage BAU support services
- Project services
- Customized reporting
- Capacity & performance management reporting

The ecosystem of tools that is built around the core framework helps you effectively manage your storage environment




Storage Survey:
Automates health checks, capacity reporting, faultfinding



StorageView:
Consolidated reporting of disk spaces

Success stories

 **Client: One of the world's 'super-major' Oil & Gas companies**

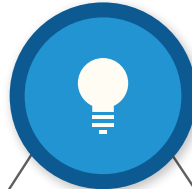
Indiscriminate storage allocation resulting in bandwidth issues, skewed application performance and high number of P1 issues.



Problem statement

Business faced escalated risk due to end-of-life support of storage arrays. With multiple T&M engagements to manage these legacy systems, the cost of maintenance was growing daily.

Storage assessment & migration solutions for optimum utilization. Monitoring solutions provided for periodic storage health checks.



Solution provided

Comprehensive storage assessment involving discovery and migration planning. Performed storage migration & SAN migration and decommissioned legacy arrays.

- Overall savings of USD 4 Million
- 55% reduction in P1/P2 incidents



Business benefits

- Business risk mitigated by migrating the applications from end-of-life support systems
- Floor space reduction of 50% through consolidation of storage

Why Mphasis

We at Mphasis help you automate your storage health checks, capacity reporting, and fault finding with customized reporting tailored specifically to your storage infrastructure environment without paying a fortune.



Managing 54PB of data across production support, build, upgrade & migration, and storage support, DR planning & execution, DB backup support



One stop shop for variety of storage technologies EMC, Hitachi, Netapp, HP, IBM, Brocade, CISCO



Homegrown IPs and accelerators that include 17 storage innovations and 50+ standard operational practices



Mphasis assessment toolkit gathers data and provides comprehensive analysis of storage estate

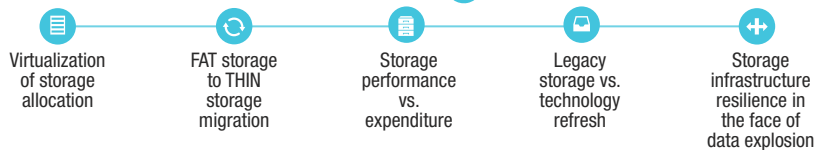


Expertise in NextGen technologies with specialized skills for capacity & performance management and large scale BAU operations

Storage Services Redefine high performance



Challenges



Our innovations

- 17** Automation objects for monitoring and reporting
- 50+** In-house developed SOPs
- 100%** Disaster recovery solutions - storage based recovery options

Mphasis solution

StorageSurvey

Templates to gather and analyze storage data

Replicable entities - Operation scripts, SOPs, DR Plan & DR Data restore procedures

- Automate your
 - Health checks
 - Capacity reporting
 - Fault finding
- Storage capacity & performance management

Automate your storage health checks, capacity reporting and fault finding, tailored specifically to your storage infrastructure

Success stories

Client	Challenges	Mphasis solutions	Result
Success story 1 Leading Oil & Gas Company	Indiscriminate storage allocations High P1/P2 issues	Storage assessment & migration solution Created storage capacity and performance dashboard	55% reduction in P1/P2 incidents \$4 million savings achieved
Success story 2	Storage arrays reached end of support life	Migration of 1100 hosts and 3 PB of storage capacity from legacy to new arrays Implemented best practices for standard configuration	0% performance issues in storage infrastructure 50% reduction of floor space cost

- Our depth**
- 52** Peta bytes of storage estate
 - 30** no. of automations in storage management
 - 25,000** vulnerabilities identified and remediated
 - 10** Petabytes of replication supported
 - 120+** trained and certified professionals

About Mphasis

Mphasis (BSE: 526299; NSE: MPHASIS) applies next-generation technology to help enterprises transform businesses globally. Customer centricity is foundational to Mphasis and is reflected in the Mphasis' Front2Back™ Transformation approach. Front2Back™ uses the exponential power of cloud and cognitive to provide hyper-personalized ($C = X2C^2 = 1$) digital experience to clients and their end customers. Mphasis' Service Transformation approach helps 'shrink the core' through the application of digital technologies across legacy environments within an enterprise, enabling businesses to stay ahead in a changing world. Mphasis' core reference architectures and tools, speed and innovation with domain expertise and specialization are key to building strong relationships with marquee clients. To know more, please visit www.mphasis.com

For more information, contact: marketinginfo@mphasis.com

USA
460 Park Avenue South
Suite #1101
New York, NY 10016, USA
Tel.: +1 212 686 6655
Fax: +1 212 683 1690

USA
226 Airport Parkway
San Jose
California, 95110
USA

UK
88 Wood Street
London EC2V 7RS, UK
Tel.: +44 20 8528 1000
Fax: +44 20 8528 1001

INDIA
Bagmane World Technology Center
Marathahalli Ring Road
Doddanakundhi Village
Mahadevapura
Bangalore 560 048, India
Tel.: +91 80 3352 5000
Fax: +91 80 6695 9942

