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Enterprise Storage Challenges



Digital transformation



of large organizations with



>50% spend to their

% spend between \$250K and \$999K on their archiving solutions annually





New privacy legislation: GDPR

General Data Protection Regulation (EU GDPR): Requirements must be met for every European Union citizen, regardless of the geographic location of the company holding this information. **Potential penalties are severe — up to €20 million (US\$28 million) or 4% of annual turnover**.



Security breaches increasing

U.S. data breaches **144.7**% from tracked in 2017, up source: Identity Theft Resource Centre, 2016



Risk of unauthorized access to data in transit or at rest:

Encryption, masking, and obscuring data ensures only authenticated and authorized users have access to the data.







Cloud-native applications

15% of new enterprise applications were **32%** by 2020 Cloud native in 2017, growing to Source: Capgemini, 2017



Ensure data retention and compliance
Reduce storage-related costs

Improve storage performance

%



- Disaster recovery and backup
- Storage modernization/storage refresh

New Storage Approaches and Technologies

To address the ever-growing need for capacity, the cost and skill requirements of on-premise storage, and the need for data security and compliance, organizations are deploying











Worldwide spending on blockchain for regulatory compliance was over



USD in 2017, and this is predicted to increase by a five-year compound annual growth rate of almost 80% between 2016 and 2021

Software-defined Storage Requirements



Few organizations have the skill required to deploy new storage technologies

Lack of skills & resources
is the #1 roadblock
to SDS deployment



Securing enterprise data is complex and always evolving

Awareness of blockchain is growing but low beyond a few leading industries

Work with technology-agnostic vendors that provide flexible and easy-to-use software-defined storage solutions that



Offer embedded, enhanced data security





Meet evolving compliance requirements





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