Data Protection in a Multi-Cloud World

Most organizations are currently developing a plan to deploy multi-cloud workloads by the year 2023. A look at daily data protection solutions and practices highlights the critical need to modernize data protection methods.

What most organizations use and where they are in their journey to modernize

<table>
<thead>
<tr>
<th>Method</th>
<th>Percentage</th>
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</thead>
<tbody>
<tr>
<td>On-premises</td>
<td>21%</td>
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<tr>
<td>Air-gapped data</td>
<td>23%</td>
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<tr>
<td>Hybrid cloud</td>
<td>27%</td>
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<tr>
<td>Cloud data protection</td>
<td>23%</td>
</tr>
</tbody>
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Methodology

Research carried out by Vanson Bourne between November and December 2019. Respondents were IT decision makers from both private and public organizations with 250+ employees. There were a total of 1,000 respondents from four regions – 200 from the Americas (US, Mexico and Brazil), 450 from EMEA (UK, France, Germany, Italy, South Africa and UAE), 250 from APJ (Australia, India, Japan, Singapore and South Korea) and 100 from China.

Findings

- While most organizations are planning to leverage multi-cloud solutions, this is creating a challenge in ensuring comprehensive data protection. Organizations are still addressing gaps in their protection methods.
- Organizations deploying multi-cloud environments are more likely to use multiple data protection vendors. Among those using multiple data protection vendors, there is a higher reliance on cloud partners and services to manage and protect their data.
- Organizations using multiple data protection vendors are around 1.7x more likely to struggle with modernizing their data protection to protect new/emerging technologies.
- The average estimated cost of data loss is $2,330,436 in the last 12 months, while the average estimated cost of downtime is 21 hours.
- For organizations using multiple data protection vendors, the average estimated cost of data loss is $1,090,436 and the average downtime is 15 hours.
- Organizations deploying multi-cloud environments have higher data loss costs and downtime related costs associated with running VMware workloads in the cloud or don't know how to run VMware workloads in the cloud.
- To bridge the data protection gap across their multi-cloud environments, organizations are leveraging their current data protection method and are planning to upgrade their data protection providers.
- Dell Technologies cloud data protection solutions simplify the design and management of complex environments, protect cloud-native applications and cloud-native workloads, and deliver global scale at cloud speed.
- Dell Technologies helps organizations and individuals build their digital future and transform how they work, live and play. The company provides customers with the industry's broadest and most innovative technology and services portfolio for the data era.

About Dell Technologies

Dell Technologies and VMware help organizations build a digital future with secure, open and adaptable technology that powers mission-critical workloads like ERP, office productivity apps, business intelligence systems and CRM into both public and private clouds: featuring the protection and recovery of critical workloads and data across multi-cloud environments.

Dell Technologies innovation engine delivers proven and modern data protection solutions for traditional and cloud-native workloads.

Secure Multi-Cloud Data Assets

An organization's data is a critical asset. Ideally, 100% of that data is protected and available when needed. Unfortunately, it's often the case that an organization's data is not protected or available in a way that meets the requirements of the business and important stakeholders.

Dell Technologies cloud data protection solutions enable organizations to rapidly recover from cyber attacks through air-gapped data protection solutions.

To learn more about Cloud Data Protection solutions from Dell Technologies: https://www.delltechnologies.com/en-us/data-protection/cloud.htm

67% of those using multiple data protection vendors use backup tools available in the cloud service provider marketplace (e.g., Office 365)

34% of the organizations surveyed who report a lack of data protection are planning to upgrade their protection provider.

29% of the organizations surveyed who report a lack of data protection are looking to form a partnership with an on-premises vendor.

17% of the organizations surveyed who report a lack of data protection are looking to form a partnership with a cloud provider.

Average amount of data lost:

- Storage: 2,330,436
- 21 hours
- $881,207

Average amount of data lost:

- Storage: 1,090,436
- 15 hours
- $473,512

2x the over time costs

In addition to increased data loss and downtime, organizations using multiple data protection vendors are around 1.7x more likely to struggle with modernizing their data protection to protect new/emerging technologies.

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