



## Dell Technologies APEX Backup Services

# How to modernize the protection of hybrid workloads.

Today, your organization is most likely running workloads not just on-premises or in the cloud but using a hybrid mix of both environments. To securely protect your data, you need a centralized approach that covers virtualized environments, databases, file servers and network attached storage (NAS). As you plan how best to protect these assets, keep in mind advanced functionality that gives you long-term retention, reporting and insight into cloud storage use.

## The increasing complexity of IT environments

has resulted in the need for a single solution that can perform advanced backup and disaster recovery (DR) across virtualized data centers and hybrid cloud instances.

# 23%

**of organizations**

believe their cloud service provider is responsible for protecting their virtualized workloads<sup>1</sup>

# 59%

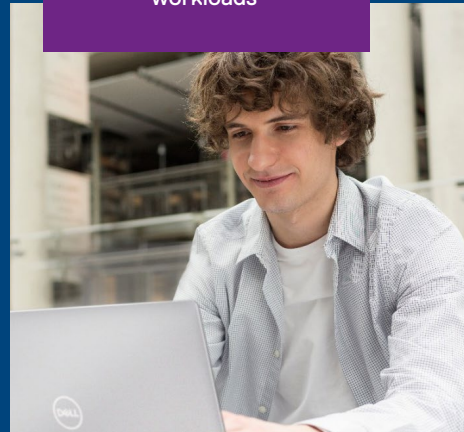
**of organizations**

use the public cloud for disaster recover<sup>2</sup>

# 65%

**of IT decision makers**

lack confidence they'll be able to recover all systems or data to meet SLOs following data loss<sup>3</sup>



## Protect virtual machines

Dell EMC APEX Backup Services provides a cloud-based offering that delivers enterprise-grade protection for virtual machines while eliminating backup and DR hardware.

### VMware automated cloud-based DR.



**Satisfy data** locality requirements with support for any AWS region



**Flexible recovery** with full, file-level or virtual disks to their original or alternative locations

### Hyper-V scheduled and on-demand backups.



**Flexible recovery** of full VMs and virtual disks to their original or alternative locations



**Application consistency** through integration with Microsoft VSS framework

<sup>1,3</sup> Dell Technologies Global Snapshot [survey](#)

<sup>2</sup> Tessian The State of Data Loss Prevention 2020 [report](#)

**For decades, relational databases have been the gold standard** for managing structured data, and today most major businesses rely on them for mission-critical applications. Yet maintaining the integrity of relational databases during a backup can be complex.

**25%**  
of IT decision  
makers

indicate that database or data management workloads are a good fit for the as-a-Service model<sup>4</sup>



<sup>4</sup> IDC InfoBrief "Storage as-a-Service Improves Business Operations," commissioned by Dell Technologies, April 2021

## Protect databases

With APEX Backup Services, you have a cloud-based offering that protects your organizations' Oracle and SQL databases residing on-premises and on AWS. The service features a direct-to-cloud deduplication backup with no hardware or software required.

### Oracle



**Seamlessly integrated** with RMAN



**Automated**, single-step, point-in-time and granular recoveries from a local target or a secure snapshot in the cloud

### SQL



**Simple, cost-effective** long-term retention



**Store unlimited SQL** backup copies offsite in cold storage to further reduce cost



**Auto-discovery** of SQL Server resources

**The quantity, associated cost and complexity of data** that your organizations' workforce brings into NAS systems make protection and management a unique challenge. What's needed is an approach that simplifies management as it helps you meet your cloud-first strategy.

## Protect NAS

APEX Backup Services is a SaaS offering that automates the protection of NAS environments managing billions of files, petabytes of data and hundreds of applications.

### High performance data protection.



**Machine learning** driven Smart Scan



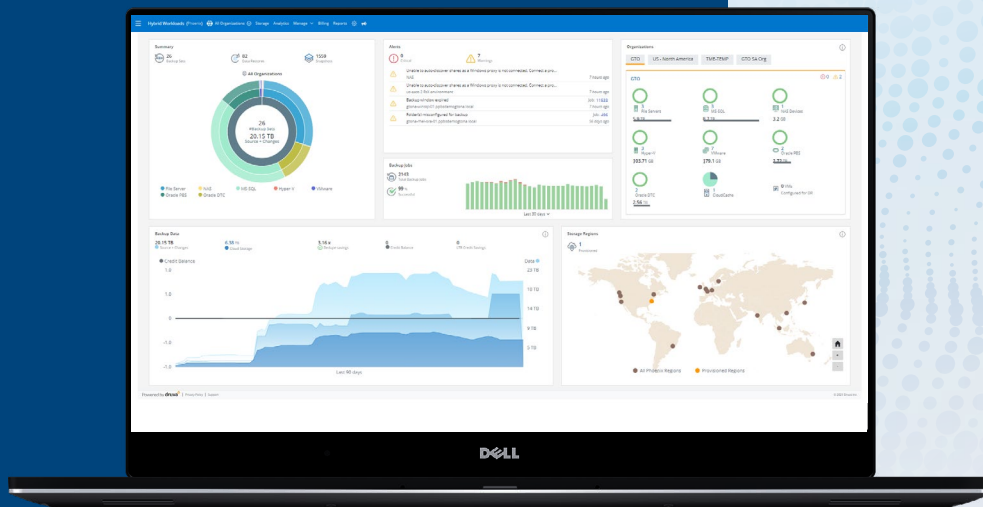
**Automated backup** tiering across warm and cold storage types



**Metadata-centric architecture** to enable deduplication, security and analytic capabilities



**File-level search** across all storage tiers



# APEX Backup Services

**Secure data protection** for SaaS applications, endpoints and hybrid workloads. Infinite, on-demand scalability with predictable and controllable costs.

Learn more about how we can help protect your organizations' hybrid workloads.

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