Dell APEX Data Storage Services Backup Target

Secure and efficient scale for backup storage

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Benefits:

Typically delivers

65:1 data reduction[1]

 Data Invulnerability Architecture

 Pay for what you use

" **With Dell APEX Data Storage Services, its on-demand model enabled us to better forecast, and scale as needed to deliver a highly performant and resilient platform for our most critical and high-growth services.** "

Jason Kayser, Director of IT Infrastructure and Security Personnel, World Wide Technology

In today's data era, performance, scalability and efficiency are top priorities for leading organizations. Building and maintaining IT Infrastructure to support dynamically changing workloads and requirements, however, is a common and constant challenge. Optimizing expenditure, predicting usage and limited resources further adds to this complexity.

It's no wonder that the adoption of as-a-Service consumption is increasing among organizations looking for simplicity, agility and control. Gartner® predicts that by 2025, more than 70% of all enterprise-grade storage capacity will be sold on a consumption basis – up from less than 35% in 2021.[2]

Dell Technologies has a proven track record for delivering powerful storage and data protection solutions backed by world-class support and services. With Dell APEX Data Storage Services Backup Target, you get the best of both public and private cloud worlds: scalable, agile, on-demand resources with the enterprise-class features, control and security of infrastructure located on-premises in your own data center.

Self-service management with as-a-Service consumption

Dell APEX Data Storage Services simplifies the process for configuring, deploying and maintaining backup storage. Your as-a-Service experience is managed through the simple, intuitive Dell APEX Console which allows you to:

- Select your location, base capacity, performance tier and term
- Monitor usage and forecast capacity planning
- Control user access and privileges
- Experience predictable and centralized cost management

With Dell APEX Data Storage Services, you are aligning expenses with actual versus anticipated usage, all at a single rate with no overage penalties for capacity utilization above your base commitment. You have the option to increase your base capacity commitment at any time in order to accommodate growth. This means you have the flexibility to respond to changes in workload requirements on the fly.

Best-in-class backup storage technology

Dell APEX Data Storage Services Backup Target is powered by Dell Technologies infrastructure, #1 in data protection appliances and software.[3] And now, with the flexibility to deploy your backup storage through an as-a-Service model, you can focus more on innovation and high value initiatives while spending less time on maintenance and administrative tasks.

- **Simplified experience:** Simple configuration, monitoring and management from a single Console.
- **Support for all workloads:** Select the performance tier that meets your unique workload requirements.
- **Start small and grow:** Accommodate new or unpredictable workloads with the ability to add capacity as you grow.

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- **Seamless integration:** Leverage your preferred backup software for simple adoption and management.

- **Efficient operations:** Minimize network requirements and reduce your footprint with fast backups, high compression levels, and advanced deduplication that typically delivers 65:1 data reduction.[1]

- **Reliable infrastructure:** Maintain peace of mind with Data Invulnerability Architecture which provides inline write and read verification to ensure data remains recoverable and accessible.

- **Secure controls:** Enable alignment with internal IT governance policies and adherence to strict regulatory standards.

- **Safe architecture:** Ensure data does not reside in a vulnerable state with Data at Rest Encryption and In Flight Encryption.
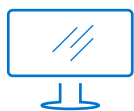
Focus on Outcomes, Not Infrastructure

Dell APEX Data Storage Services Backup Target is ideal for IT organizations seeking even more control over their as-a-Service experience. The Customer-managed Dell APEX Data Storage Services option is designed to empower you with responsibility for infrastructure design, configuration of volumes, and other administrative tasks. The result is a cloud-like experience with predictable, easy-to-understand pricing and no egress fees or latency issues. Now your IT staff can increase productivity and focus on high value initiatives to deliver customer satisfaction without worrying about forecasting, procurement, upgrades and complex tech refresh cycles.

Performance options for Dell APEX Data Storage Services Backup Target

Performance Tier	Capacity Optimized	Balanced	Performance Optimized
Description	Entry level capacity and complementing performance	Midline performance and capacity scalability	Highest performance and maximum capacity
Throughput	Up to 33 TB per hour	Up to 57 TB per hour	Up to 94 TB per hour
Min. Capacity	25.5 TiB	102.2 TiB	306.5 TiB
Target Use Cases	Remote or branch office Small workloads	Core data center Medium workloads	Core data center Large workloads

Throughput above reflects with DD Boost. DD Boost increases performance by distributing the deduplication process between the client and the backup server. Performance can vary depending on the type of hardware on which the DD Boost client is running. Best performance is seen with clients running on Intel x86-based family processors.

Learn more about Dell APEX Data Storage Services

Contact a Dell Technologies Expert

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