

Create a universal storage layer

Unleash your innovation with apps and data

Reduce complexity

By providing common software-defined storage services with complete protocol coverage in private and public cloud environments.

Increase efficiency

Our software-defined storage is optimized for each location where it runs. Leverage committed cloud spend or choose flexible consumption for private storage.

Free your workloads

Common storage services and consistent application environments let you seamlessly move apps and data.

Eliminate silos

Centralized intelligent management and common storage controls streamline operations.

Raise service levels

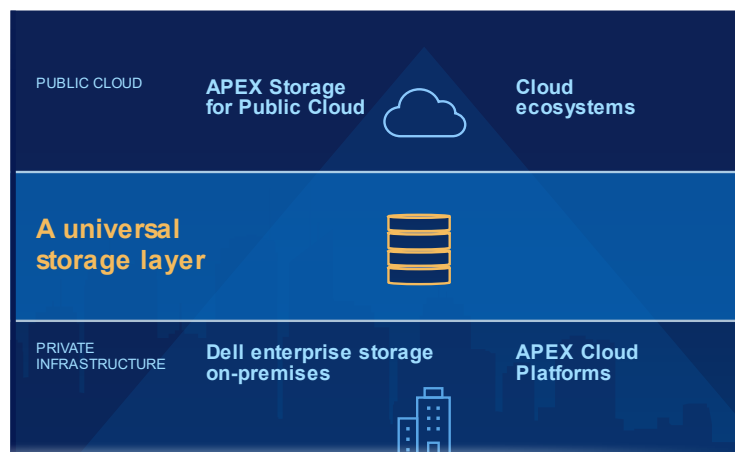
Consistent policy controls and protection solutions across locations improve availability, continuity, and resiliency.

If applications are the engines of the digital economy, then data is the fuel for the engines. Applications and data are the workloads of enterprise Information Technology and for many organizations, they are distributed across public clouds, private clouds, and edge locations. They are run, processed, and stored in a multicloud world. Multicloud architectures help organizations get access to the right tools, manage their cost profiles, and quickly respond to changing needs. However siloed operations with multiple management interfaces and unique services across different clouds can drive up costs, reduce agility, and increase risk.

Creating a universal storage layer

A universal storage layer is created when common software-defined storage services are deployed across all locations where your data lives and applications run. With Dell, a universal storage layer is created with Dell enterprise storage on-premises, Dell storage for public cloud, and the integrated common software-defined storage (SDS) services in the Dell APEX Cloud Platforms. Dell intelligent management with automation streamlines storage management and orchestrates data movement between locations where the common SDS Services are deployed. A universal storage layer is how you enable multicloud-by-design storage.

- **Simplicity** - Operational silos across multiple public cloud and private locations increase complexity, drive up storage and management costs. Reduce costs with streamlined management of multicloud storage services.
- **Agility** - Varying multicloud storage services and tools prevent agile workload placement slowing innovation and reducing flexibility. Enable IT Agility with flexible infrastructure, ecosystem choice, and seamless data and app mobility.
- **Control** – Critical data assets spread across multicloud locations increase the chance for data loss and service disruptions. Enforce compliance and establish consistent service levels across multicloud locations.



Enterprise storage on-premises

Dell enterprise storage on-premises delivers the industry's best performance, scale, flexibility, and value. It is the basis for a universal storage layer in your private infrastructure. Our storage products are software-defined and designed to be part of a multicloud storage architecture. We have complete protocol coverage with block, file, object and protection storage options available. They have standardized, open APIs for management automation. They are all available to be consumed as traditional CapEx transactions or as-a-Service via APEX Flex on Demand.



SIMPLICITY

Storage for public cloud

APEX Storage for Public Cloud enriches public cloud with enterprise class storage capabilities including high performance, massive scale, improved resilience, and superior cost profiles. These offers bring Dell's software-defined-storage to the public cloud as native cloud services. Importantly they are designed to be used by any application running in the public cloud. We use the code from our on-premises enterprise storage as the basis for our software-defined storage for public cloud providing the same industry-leading block, file, protection, and object storage in the public cloud of your choice. It is the basis for a universal storage layer in the public cloud.

Integrated multicloud platforms

APEX Cloud Platforms (ACP) bring native cloud application ecosystems on-premises in a turnkey package. The ACP enables organizations to have the same, familiar application operating environment running on-premises and in a public cloud setting. This provides multicloud application runtime environment that is consistent with public cloud platforms. The software-defined storage in the ACPs is powered by our market leading software-defined storage integrating a universal storage layer with those ecosystems. It provides a common storage experience across private and public locations capable of delivering diverse workload performance and scale.



AGILITY

Intelligent automated management

Management capabilities are accessed through a SaaS control plane. The APEX Console provides a single sign-on experience and federated identity as the basis for a zero trust architecture. APEX Navigator provides control of data movement and visibility into status and telemetry information as well as support for Kubernetes distributions. Standard open APIs allow for software control of the management capabilities including integrations with leading automation frameworks.

Conclusion

Unleash your innovation with consistent multicloud storage services everywhere. Connect apps and data in public cloud, and private cloud locations in a seamless and efficient way. Streamline storage management to reduce storage costs with consistent storage management and centralized control. Drive innovation through IT agility with seamless workload mobility via common storage services and consistent application environments across your multicloud. Prevent data loss and disruption and improve service levels with pervasive data protection and consistent compliance frameworks. Create a universal storage layer by deploying Dell's industry-leading storage across your multicloud infrastructure.



CONTROL



[Learn more about Dell multcloud storage](#)



Contact a Dell Technologies expert
1-866-438-3622