

Dell APEX Data Storage Services Block

Best-in-Class Block Storage Technology

Dell APEX Data Storage Services Block is powered by infrastructure that provides ever-expanding levels of performance, capacity and resiliency for a variety of traditional and modern workloads. And now, with the flexibility to deploy your block storage through an as-a-Service model, you have more time to focus on agility, responsiveness and other high value initiatives while spending less time on maintenance and administrative tasks.

Simplified experience

Simplify management and the user experience through the powerful, intuitive, unified Dell APEX Console.

Support for all workloads

Cost-effectively support any workload through improved system performance, scalability and storage efficiency.

Start small and grow

Accommodate new or unpredictable workloads with the ability to scale capacity on as-needed basis.

Enterprise data protection

Reduce risk with highly resilient systems that offer seamless compatibility with proven enterprise-grade backup and disaster recovery solutions along with local and remote protection options.

Robust security options

Safeguard your company with Data at Rest Encryption (D@RE) via self-encrypting drives, role-based access control, authentication using LDAP/AD, TLS 1.2, IPv6 certification, TAA and VPAT compliance.

Ecosystem integration

Improve ease of use and seamlessly integrate with leading vendors like VMware and Microsoft.

Multicloud flexibility

Multicloud readiness in collaboration with data center colocation¹ partners enables connectivity to the customers, partners and ecosystems that deliver the most value — without any vendor lock in.

High availability

Dell APEX Data Storage Services is designed for 99.9999% availability.²

| Performance Tier | Capacity Optimized | Balanced | Performance Optimized |
|-------------------|--|--|---|
| Description | Entry level capacity and complementing performance | Midline performance and capacity scalability | Highest performance and maximum capacity |
| Read Performance | 50 MB/s per TB | 80 MB/s per TB | 100 MB/s per TB |
| Write Performance | 8 MB/s per TB | 12 MB/s per TB | 20 MB/s per TB |
| IOPS | 700 per TB | 1,100 per TB | 1,800 per TB |
| Min. Capacity | 14.7 TiB | 25.1 TiB | 25.1 TiB |
| Target Use Cases | Smaller databases, test/dev, IoT applications, disaster recovery, commodity SQL, manufacturing execution systems | Medium-sized virtual environment, relational databases, data warehousing, SQL, Oracle, MongoDB | Financial services, Big Data and analytics, healthcare, SAP HANA, Splunk, Spark, Oracle and SQL (big instances) |

Read and write maximum performance based on 256KB IO Size and 100% sequential read/write workloads using Fibre Channel connectivity in block optimized mode. IOPS maximum performance based on a 70/30 read and write workload with an 8KB block size using Fibre Channel connectivity in block optimized mode. Performance metrics are based on specific base capacity points. Higher performance could be achieved depending on subscribed capacity.

Learn more at Dell.com/APEX-Storage

¹Dell-managed colocation deployment is not available with Customer-managed subscriptions. For regional availability of Dell-managed colocation deployment, visit www.Dell.com/Access-APEX

²Based on hardware availability on common underlying platform configurations. Actual hardware availability may vary.