

TOP REASONS WHY XTREMIO FOR SAP

10

Architecture that redefines performance
and agility in SAP infrastructures

Dell EMC [XtremIO](#) is designed from the ground up to maximize effective capacity and provide linearly scalable high performance with consistent sub-millisecond response times for enterprise-class SAP workloads.

1 | Predictable and scalable SAP performance

Application and database owners are no longer consumed with storage performance monitoring and tuning. Every flash drive in XtremIO services the database in a balanced performance model that eliminates complexity, over-provisioning, and the need for tuning. Even when workloads scale, XtremIO delivers fast response times ensuring SLAs are met during peak demands on SAP landscapes.

2 | Consolidation of mixed workloads

XtremIO enables IT organizations to consolidate mixed application workloads driving greater standardization and operational efficiencies like centralized management. The capability to host SAP Landscapes, SAP HANA, and mixed workloads like OLTP, OLAP, DW and others on the same XtremIO cluster simplifies management, thereby saving the businesses time and money.

3 | Increase agility while reducing TCO

XtremIO is a leader in using advanced storage technologies like always-on inline compression and data deduplication. These data reduction technologies lower the cost of flash by enabling XtremIO to support more data with less flash without impacting performance. XtremIO delivers major CAPEX and OPEX savings to the business!

4 | Integrated copy data management

XtremIO Virtual Copies (XVC) allow application and database owners to create as many copies as needed for dev/test, analytics, backup, etc. These virtual copies have the same performance and space efficiency with all the same inline data services as production. XtremIO's Integrated Copy Data Management (iCDM) accelerates innovation cycles by repurposing XVCs for near real-time analytics, dev/test, patching, sandbox testing and any other use case for SAP workloads – all can deliver the same performance as the production coupled with complete space efficiency.

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5 | Business continuity and disaster recovery

Enable business continuity and faster recovery using XtremIO's unique metadata-aware replication technology. The awareness of metadata drastically reduces WAN bandwidth and storage capacity requirements for replication thereby enabling greater efficiencies in protecting applications.

6 | Quality of Service (QoS) empowers customization

XtremIO QoS enables the business the agility to define performance based on how critical the application is to operations, and accelerates innovation cycles by deploying as many copies of SAP Landscapes as developers require. Admins can set volume, consistency group or initiator group bandwidth limits, and also set IOP limits to better control resource allocation. By controlling the IOPS or bandwidth per workload, SAP avoids the "Noisy Neighbor" problem and removes the risk of application hogging in mixed workload environments.

7 | Accelerate business innovation and agility

With Dell EMC XtremIO, decision support analytics accelerates business innovation and agility without impacting the SLAs for on-demand SAP production, reporting, test, and development environments. The Online Cluster Expansion (OCE) capabilities of XtremIO X2 allow the expansion of compute and capacity without impacting the supported workloads that SAP landscape growth requires. SAP has certified XtremIO as enterprise storage arrays that meet all SAP HANA performance and functional requirements. This certification enables you to deploy XtremIO for SAP HANA tailored data center integration (TDI) using your existing data center infrastructure in a fully supported environment.

8 | Cloud-enabled monitoring

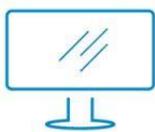
With CloudIQ, SAP Admins can remotely track from any browser or mobile device the health and availability of their XtremIO storage infrastructure, report on historical trends, plan for future growth, identify potential risks and utilize actionable insights to expedite resolutions.

9 | Ease of management

XtremIO includes a simple and easy to use HTML5 interface to manage the platform. There are no applications to install and management is done via a common web browser. The interface is easy to learn with intuitive drill-downs and simple navigation. Key system metrics are front and center, and displayed in an easy-to-read graphical dashboard. XtremIO also simplifies provisioning storage making it easy to configure and deploy all the workloads without any additional tuning needed. Tight integration with Dell EMC AppSync automates and orchestrates workload management at the application level. The simplicity of the platform shines through by accelerating the implementation cycle and reducing design decisions and management.

10 | Peace of mind with Future-Proof program

The Dell EMC Future-Proof Loyalty Program provides 3-year satisfaction guaranteed; Investment protection (trade-in existing systems for credit towards next gen Dell EMC storage); Predictable support pricing (consistent and predictable maintenance pricing and services); All-inclusive software (software needed to store and manage data); Never-worry data migrations (move to next gen storage with seamless upgrades and built-in data migration tools); and 4:1 all-flash storage efficiency guaranteed (with recommended best practices, gain guaranteed 4:1 storage efficiency).



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