TOP REASONS WHY CUSTOMERS CHOOSE XTREMIO

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Dell EMC XtremIO is an industry leading purpose-built all-flash array offering high performance with consistently low latency. The array delivers unmatched storage efficiency with inline, all the time data services, rich application integrated copy services, flexible metadata-aware replication and unprecedented management simplicity.

1 Unparalleled consistent performance

XtremIO delivers consistent sub-millisecond latency irrespective of the workload type. With its massive I/O performance leveraging up to 192 CPU cores, XtremIO ensures that every application receives the best response times possible and every virtual desktop user is able to get their work done quickly and efficiently. Whether its production applications or database copies for test and development, workloads can be run on copies of data, with all data services enabled, without impacting production volumes or workloads. XtremIO quality of service capabilities enable admins to limit I/O or bandwidth for non-critical applications, helping to further guarantee consistent performance for higher priority applications.

2 Optimized for copy data management

XtremIO solves the copy data problem with integrated Copy Data Management (iCDM). XtremIO Virtual Copies (XVC) are efficient, in-memory copies that are created instantly without consuming any extra space and without any impact on production workloads, no matter how many and how frequently copies are created. XVCs can run workloads with high performance and consistently low latency with all data services on – just like any production volume. Moreover, application integration, automation, and orchestration enable application owners and database administrators to self-service all of their copy needs leading to transformational changes to the business application workflows. iCDM enables organizations to not only modernize their infrastructure and achieve application agility but also truly transform their businesses.

3 Superior data reduction

XtremIO's always-on, real-time inline data reduction technology dramatically shrinks the amount of storage capacity required to support any IT storage environment. Inline compression, deduplication and space-efficient copies deliver from 4:1 to 20:1 data reduction resulting in significant CAPEX and OPEX savings. XtremIO excels in VDI environments where thousands of virtual desktops can be deployed with only a few terabytes of flash. XtremIO's inherently balanced scale out architecture enables copies of production databases to be created at almost zero performance cost. XtremIO X2 native replication requires up to 38% less storage[1] and able to reduce WAN Bandwidth by 75% or greater[2], making it industry's most efficient replication across a WAN[3].

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4 Highly efficient and advanced data protection

XtremIO offers extreme flexibility and efficiency by optimizing data availability options to best meet any business requirements. Synchronous and Asynchronous native replication options are available concurrently to cater for all data protection needs, matching any business requirement. Synchronous mode provides zero data loss replication between XtremIO X2 systems over distances of ~60 miles / 100km (5ms round trip latency). Asynchrounous replication can operate at virtually any distance and offers operational simplicity by leveraging XtremIO's legendary in-memory snapshots delivering full operational recovery for disaster situations, with RPO's of 30 seconds, even under heavy load. Setup and configuration is extremely simple in both cases with only 3 steps required for Synchronous replication (1. Select Source Object, 2. Select target array/Con Group, 3. Define Source/Target retention policy) and is integrated with XVC snaps to ensure granularity of recovery thanks to the numerous recovery points supported at the recovery site in the event of a true disaster. The solution offers the highest levels of efficiency in the industry, leveraging dedupe awareness for asynchronous replication, replication initialization and re-synch activities. If a block that is to be replicated exists at the remote location, the intelligent deduplication technology will detect it and avoid sending the 16KB block, saving large amounts of bandwidth.

5 Radically simple to scale and manage

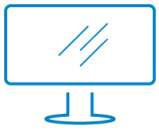
With XtremIO you can start small and scale up and scale out performance and capacity non-disruptively and without service disruption. Start with a single X-Brick as small as 7TB or as big as 230TB. Add up to a total of 4 X-Bricks to your XtremIO cluster and XtremIO automatically rebalances the data and when you need to grow your environment you can scale to nearly 5PB of effective capacity. In addition, XtremIO includes a simple and easy to use HTML 5 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. Overall system health, performance and capacity are displayed in easy to understand metrics and graphs while graphical views of the array hardware and interfaces provide simple visuals for overall system performance. XtremIO is truly as easy as 1-2-3 to configure, deploy, and tune all the workloads. Literally there are three steps: 1) Create the volumes – any number of any sizes you want. 2) Create the initiator groups for all the hosts and their applications. 3) Map the volumes to those initiator groups. That's it.

XtremIO All-Flash Arrays

Learn more Top Reasons why the Dell EMC XtremIO All-Flash arrays are right for you:

- Top Reasons XtremIO for VDI
- Top Reasons XtremIO for SAP
- Top Reasons XtremIO for Oracle
- Top Reasons XtremIO for SQL Server

All XtremIO arrays are backed by Dell EMC's Future-Proof Loyalty Program



Learn More about Dell EMC XtremIO solutions

Contact a Dell EMC Expert

1. Source: Based on Dell EMC internal analysis, February 2018, with XtremIO Replication for fan-in 4:1 central DR site topology.
2. Source: Based on Dell EMC internal analysis, February 2018. Assumes 4:1 data reduction.
3. Source: Based on Dell EMC internal analysis, March 2018.