DELLTechnologies

TOP TEN REASONS WHY CUSTOMERS DEPLOY VPLEX

10

Dell EMC VPLEX delivers continuous data availability and data mobility so organizations can ensure uptime for business-critical applications and create an agile infrastructure that is easy to manage and reconfigure. What are the top ten reasons Dell EMC customers deploy VPLEX? Keep reading!

1 | Continuous availability

VPLEX mirrors application data locally or remotely, enabling applications to failover seamlessly to the mirror in case of planned or unplanned downtime. Whether the disruption is a natural disaster such as a flood or earthquake, human error, or a hardware component failure, VPLEX enables businesses to stay up without impact.

2 | Mobility

VPLEX enables movement of data from one array to another or from one storage tier to another. All of this movement happens non-disruptively while the application is servicing requests. VPLEX mobility features provide an agile, flexible infrastructure in which you can place data according to the most optimal resource utilization.

3 | Non-disruptive technology refresh

VPLEX non-disruptively migrates all data from an old array to the new array while the application is online and business operations are continuing. VPLEX enables just-in-time purchases of new storage arrays as it performs migrations in such a time-efficient manner that arrays do not have to be bought months in advance.

4 | Active/active data centers

VPLEX Metro allows applications to simultaneously read/write on both sites. This capability increases resource utilization because infrastructure on the second site is not tied up in idle just for failover, but instead is actively being used by the applications. Active/active also means VPLEX Metro provides a true Recovery Time Objective (RTO) and Recovery Point Objective (RPO) that is equal to zero. This means you recover from a failure immediately.

5 | No single point of failure

All connectivity between VPLEX cluster nodes and across VPLEX Metro configuration is fully redundant, ensuring protection against single points of failure.

6 | Support for high-performance arrays

VPLEX is well-suited for high-performance all-flash arrays with 16 Gb Fibre Channel front-end, back-end, and WAN COM interconnect and InfiniBand technology for intra-cluster communication.

7 | VPLEX for All Flash

VPLEX for All Flash is a software and hardware combined pricing option based on VPLEX cluster engine size. You can expand the data under VPLEX management by adding Dell EMC All-Flash arrays without incurring extra software license costs.

8 | Non-disruptive upgrades

Adopting the latest technology is easy—VPLEX provides non-disruptive upgrades to the latest VPLEX software release, GeoSynchrony, and to the latest generation of hardware platform.

9 | Options for end-to-end management

Storage Monitoring and Reporting (M&R) for VPLEX is included with VPLEX systems, providing in-depth views of all VPLEX components with long trends. For deeper insight you can also manager VPLEX with Dell EMC Storage Resource Management provides monitoring and reporting capabilities, enabling deep insight into how your infrastructure is performing.

10 | Dedicated Resource

VPLEX requires no compute resources from the application hosts or on the underlying array to maximize data availability.

Learn More about VPLEX solutions

Contact a Dell EMC Expert

DELLTechnologies