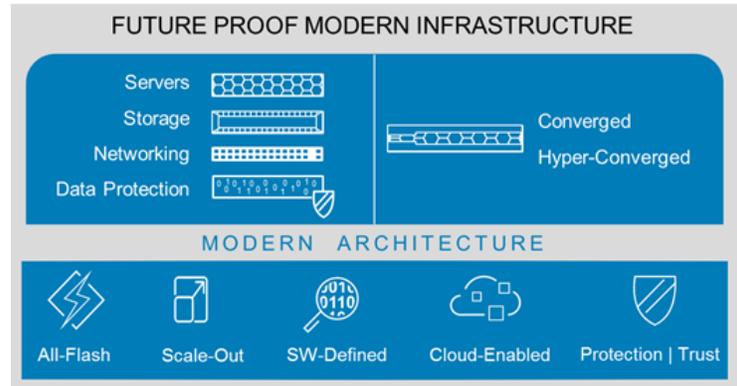# IS YOUR INFRASTRUCTURE FUTURE READY FOR SAP?

Redefine agility | performance | protection | availability

IT must balance reducing the cost and resources required to maintain traditional SAP ERP and BW systems, while investing in S/4HANA. You need a future proof infrastructure architecture foundation that redefines agility, performance, protection and availability for mixed-workloads with varying operating profiles (OLTP, OLAP, analytics and big data).

1 Consolidate SAP Landscapes

SAP runs critical aspects of the business such as finance, manufacturing, ERP, and the supply chain functions.   Historically, IT has run SAP production and non-production systems on siloed infrastructure, whether by design to protect production's performance or simply ad-hoc by new project. The result; allocation of valuable IT budgets and resources to maintain, monitor and manage sprawling complex system landscapes. *In addition to consolidating SAP at scale on our converged infrastructure, DELL EMC enables faster deployment and application development lifecycles.* IDC white paper sponsored by Dell EMC: Business Value of Modernizing Mission-Critical Applications with Dell EMC VxBlock Systems, October 2017."

2 Predictable, scalable SAP performance

Delivering performance for SAP systems is critical. So what are your challenges or concerns for SAP? Is it reducing the time to execute long running SAP ERP month end batch jobs or accelerating data loads to BW? What about SAP HANA? Do you need compute and storage certified to meet SAP performance KPI's for scale-up/out deployments? Do you want fast data loads for "cold" restarts of HANA?   *Dell EMC has you covered. Not only are our all-flash NVMe Ready Systems and storage SAP HANA certified, you can invigorate and extend the life SAP ERP and BW while transitioning to S/4HANA.*

3 Proven platforms for SAP

You are investing in SAP's new digital architecture powered by S/4HANA and SAP Leonardo. Make sure your infrastructure partner is ready to support your business running SAP's new architecture. In additional to Dell EMC's distinguish history in partnering with SAP on joint engineering projects, benchmarking and best practices, *Dell EMC is a leader in converged and hyper-converged infrastructure breaking the boundaries of traditional infrastructure giving businesses running SAP unprecedented simplicity and flexibility.*

4 | Automating SAP landscape management

SAP Landscape Manager (LaMa) software enables the SAP Basis Administrator to automate SAP system operations including end-to-end SAP system copy/clone/refresh. *SAP LaMa integration with Dell EMC storage assisted replication further simplifies and accelerates system copy/ refreshes for large SAP systems by offloading compute cycles.*

5 | Innovation through SAP dev/test efficiency

Developer cycles are at a premium when you are executing an upgrade, migration or deploying new functionality. Accelerate SAP development, testing and deployments by *instantly creating on-demand space-saving high performance copies without impacting production performance leveraging Dell EMC storage snaps and integrated copy management.*

6 | Proven SAP mission-critical availability

In today's consumer driven economy, the online experience means everything to acquiring and retaining loyal customers. Increasingly, SAP must be "always-on" to support e-business processes. *Dell EMC has a history of providing high availability solutions for SAP with highly resilient no-single points of failure architectures (SPOF) within the data center, across metro locations.*

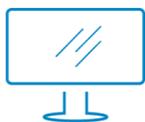## 7 | Application consistent protection and availability

Business processes typically interact with several applications to properly complete a transaction. An on-line purchase can trigger a credit check in finance, perform an inventory check for product availability, process the order and collect payment. *Dell EMC solutions provide options for* <u>*continuous data protection and recovery consistency for interdependent*</u> *SAP and non-SAP applications minimizing disruption and data loss from planned or unplanned events.*

8 | Reduce costs protecting SAP data

SAP production ERP systems can easily grow to TB's in size. And what if you are running multiple SAP applications? Add to this, all of the development, test and quality assurance copies and you have sprawling large data footprints that are costly to protect, difficult to manage and control. *Dell EMC offers SAP certified backup and restore solutions providing not only centralized visibility and control to SAP Admins and DBAs, but delivers industry-leading deduplication reducing storage requirements.*

9 | Global SAP Center of Excellence

Looking to jumpstart your IT transformation project for SAP? How about exploring demonstrations of the SAP HANA and SAP Leonardo platforms, including access to test systems to size your projects? Leveraging the capabilities of our Global SAP Center of Excellence (CoE) including state-of-the-art high-end systems certified for SAP HANA, your IT leaders can consult with our experienced SAP team globally. *Located at SAP's worldwide headquarters campus in Walldorf, Germany, the Global SAP CoE can be accessed through scheduled engagements virtually or on-site to help your organization reduce project risks and enable your success in the digital economy with SAP.*

Learn More about Business Application Solutions

Contact a Dell EMC Expert

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