EMC VPLEX SERVICES FOR ORACLE RAC
Enabling continuous availability for new and existing Oracle RAC environments

THE CHALLENGE
IT departments are under relentless pressure to ensure the availability of mission-critical applications and business processes. The ability to access information quickly and without interruption—whether it’s a customer facing application or internal operational processes—is a competitive requirement.

Achieving this always-on, always-available access to information has historically required highly customized, costly software and hardware solutions. EMC® VPLEX® now makes it possible to achieve this with off-the-shelf equipment. And for customers running Oracle RAC, or considering Oracle RAC for their environment, EMC offers a suite of packaged services to help deploy an Oracle Certified, EMC Proven™ continuous availability solution quickly and cost effectively.

SERVICE OVERVIEW
EMC’s suite of VPLEX for Oracle RAC services are focused on helping you deploy an Oracle certified, EMC Proven solution that enables you to eliminate planned and unplanned outages, simplify Oracle RAC management, and improve your infrastructure utilization.

Whether you are already running Oracle RAC in your environment or planning a new RAC implementation, EMC Global Services will help you optimize the solution to meet your critical availability and business objectives. With industry leading training and product expertise, our service professionals are uniquely equipped to help you accelerate your time to value, minimize risk, and deliver greater agility to your organization.

SERVICE OVERVIEW
WHY EMC FOR ORACLE

EMC has been in partnership with Oracle for more than 18 years, supporting over 80,000 joint customers worldwide. In fact, more Oracle databases run on EMC storage than on any other storage platform, by a large margin. Our vast experience deploying mission-critical storage for Oracle environments all over the world makes EMC an obvious choice for helping customers maintain a continuously availability environment.

EMC GLOBAL SERVICES DELIVERS RESULTS

With 15,000+ services experts worldwide—and an unending commitment to an exceptional total customer experience through service excellence—EMC delivers the skills, knowledge, and experience organizations need to get maximum value from their EMC technology investments.

EXISTING ORACLE RAC ENVIRONMENTS

Working closely with your internal teams, EMC experts examine and analyze your existing Oracle RAC infrastructure, processes, and organization. We perform qualitative and quantitative analysis of your environment against EMC standards and best practices—including the best practices defined by the Oracle Certified, EMC Proven solution—and provide you with a detailed readout of the gaps, required remediation, and a recommended migration plan based on your specific environment, application, and business requirements. Based on this plan, EMC will help you implement recommended changes to your existing RAC environment, and migrate to the new VPLEX enabled infrastructure as quickly, and non-disruptively, as possible. This includes integrating RAC into the VPLEX storage cluster SAN, provisioning and configuring VPLEX distributed virtual volumes to the RAC servers, and migrating existing storage to the virtual volumes. EMC will also help you relocate RAC servers to the remote VPLEX cluster site, and will provide a hands on, functional overview to help your teams ramp up on the new infrastructure.

NEW ORACLE RAC DEPLOYMENTS

If you are planning a new Oracle RAC implementation, EMC provides complete, end-to-end services to help you make Oracle RAC continuously available, at launch. Our services professionals will perform sizing assessments for your to-be RAC database, and develop the architecture to support your specific requirements. We will deploy the VPLEX and storage infrastructure, enable your new Oracle RAC software to servers in two or more data centers, and create your new Oracle RAC database using VPLEX cluster storage. Once complete, EMC service engineers will provide your team with a functional overview of the new system, helping ramp up your organization on the new infrastructure and accelerating your time to value.

EXPAND YOUR CONTINUOUS AVAILABILITY CAPABILITIES

Strategically, stretching Oracle RAC with VPLEX is an ideal first step toward continuous availability, a journey that will enable you to deliver availability seamlessly and without interruption—and fundamentally transform the economics of your business resiliency. To help customers in this second phase, EMC offers a Continuous Availability Advisory Service so you can extend continuous availability beyond Oracle RAC, leveraging the same VPLEX Metro and other off-the-shelf technology to merge other HA and DR resources into a single, powerful availability solution. This enables you to eliminate downtime in a multitude of different scenarios, including traditional disaster recovery (i.e., site, storage, and infrastructure loss) as well as maintenance and other scheduled and unscheduled downtime scenarios. Continuous availability also helps you substantially lower your operating and compute costs by: reducing complexity and testing requirements; splitting clusters between sites and incorporating fractional provisioning; and minimizing idle assets and OS maintenance.

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