

NetApp  
**ConsultingEdge  
 Services**

Accountable  
 and dedicated  
 to delivering  
 customer success.

## Disaster Recovery Accelerator Service for Oracle®

Reducing complexity, accelerating readiness, and improving system availability and performance.

NetApp services for Oracle are designed to help IT organizations reduce complexity, accelerate readiness, and improve system availability and performance of Oracle technology deployed in a NetApp storage environment. The collaborative service offering is delivered by both Oracle Consulting and NetApp Global Services and is uniquely designed around leading technology, methodologies, and expertise—developed over time, while helping thousands of enterprise customers plan, configure, integrate, and deploy mission-critical Oracle Databases in a NetApp storage environment.

### Disaster Recovery Accelerator Service

This accelerator service delivers best practices, installation, configuration, and deployment guidelines for Oracle technology, including Oracle DataGuard and/or NetApp SnapMirror®, deployed in a NetApp storage and mission-critical business environment (fixed price, fixed scope).

During an engagement, our experts will work and collaborate with client staff to accomplish the following objectives for each phase of the project:

#### Planning, Design, and Training—from Oracle and NetApp Experts

- Collaborate with client and engage database, storage, and system administrators; application architects; project managers; network managers; end users; and stake holders to discuss IT objectives of the Oracle and NetApp deployment
- Analyze and document specific data management needs such as filer configuration, backup schedule, number/type/size of Oracle instances, and data migration requirements
- Provide concepts of Oracle Database architecture and performance as they relate to NetApp storage
- Evaluate and assess client's NAS and/or SAN environment and prepare deployment recommendation
- Review and assess client's disaster recovery requirements along with the Oracle and NetApp disaster recovery solution architecture
- Provide optional custom services for virtually any specialized or customized Oracle on NetApp solution needs, including consolidation, architecture and design, migration, and/or upgrades

#### Installation and Configuration—Based on Years of Best Practices

- Configure the NetApp filer for transition of the Oracle Database (8i, 9i, and/or 10g)
- Install Oracle Database software (8i, 9i, and/or 10g) on the NetApp filer, if required
- Configure and implement the Oracle standby database (DataGuard solution) with the NetApp SnapMirror solution

#### GLOBAL SERVICES

NetApp Global Services combines technology expertise and personalized attention to help enterprise customers reduce downtime and increase return on data management investment.

- Perform a cold backup of the primary database, restored on the standby computer
- Configure DataGuard for the NetApp filer (for one of the following):
  - Configure Oracle Database (8i, 9i, and/or 10g) with the Oracle asynchronous log shipping solution
  - Configure Oracle Database (8i, 9i, and/or 10g) with the NetApp asynchronous SnapMirror solution
  - Configure Oracle Database (8i, 9i, and/or 10g) with synchronous log shipping (zero data loss solution)
- Verification of failover and switchover for the Oracle Database (8i, 9i, and/or 10g)
- Clone the Oracle Database (8i, 9i and/or 10g) on the NetApp filer and/or create an empty test database as required
- Provide a database backup and recovery strategy and develop scripts using NetApp Snapshot™ and SnapRestore® functionality

#### **Documentation and Acceptance— Reuse and Share Your Investment**

- Review the Oracle on NetApp solution with client's IT staff and ensure that the accelerator or custom service engagement objectives have met expectations
- Provide recommendations and next steps for client's database or application implementation
- Generate documentation of findings, capture best practices recommendations, and create engagement summary
- Ensure that client continues successfully and fully leverages and transitions ongoing support through the Oracle and NetApp joint escalation team (JET)

#### **Benefit from a Single Focal Point**

Whether our joint clients are starting their initial implementation, increasing their system availability, or upgrading and migrating to the latest version of Oracle and NetApp products, NetApp Global Services and Oracle Consulting are 100% dedicated and accountable for driving client success and contributing as trusted advisors to their business.

#### **Setting New Standards for Supporting the Enterprise**

NetApp Global Services—through its two primary support offerings, SupportEdge and ConsultingEdge Services—combines unparalleled storage expertise, innovative storage technology, best practices, and global partnerships to deliver flexible and comprehensive support services that help customers plan, implement, and optimize their storage and data infrastructure.

For more information on NetApp Global Services, please visit [www.netapp.com/support](http://www.netapp.com/support).

For more information on Oracle products and services, please visit [www.oracle.com](http://www.oracle.com).

For more information on the NetApp and Oracle Alliance, please visit [www.netapp.com/partners/oracle](http://www.netapp.com/partners/oracle).

#### **About Network Appliance**

Network Appliance is a world leader in unified storage solutions for today's data-intensive enterprise. For more information about Network Appliance™ solutions and services, please visit [www.netapp.com](http://www.netapp.com).



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