

NUTECH COMPUTER TRAINING INSTITUTE

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Total Hours: 40 hrs

Tuition Fee: \$2300.00

Registration Fee: \$30.00

Starting Date: Aug. 10th - 14th, 2009

Hands-on: Oracle 10g RAC and Data Guard

Oracle Real Application Clusters (RAC)

Oracle Real Application Clusters (RAC) is the premier database clustering solution in the RDBMS market space. Oracle RAC's configuration options and features offer companies a wide range of flexibility for designing their high-availability solutions. However, with all the configuration options, features, and flexibility, how do you guarantee a successful implementation?

Oracle 10g Data Guard (DG):

Oracle 10g Data Guard is a powerful database availability technology that can protect your data from user errors and corruption, while providing a disaster recovery, enhanced database availability and scheduled maintenance solution. Increase in productivity and prevention of data loss are just some of the organizational paybacks that you will reap from this technology.

Nutech Class:

This class will help you become a seasoned **Oracle Clustering and DG DBA**. Our course is intended for students wishing to upgrade or acquire new skills in the fields of cluster administration, real application cluster design, and database management systems. This course of study includes a strong foundation and skill in project implementation, Oracle Real Application Cluster administration, Data Guard up to the industry standards.

Project-Based Class:

This class provides a guide for defining, designing, and delivering a successful Oracle RAC and DG project. It details the steps required to reduce risks and increase your chances of a successful implementation. In addition, it highlights many major pitfalls you may encounter during your Oracle RAC and DG project and offers suggestions on how to avoid them. After each project, the team will present the lessons learned to the class.

Methodology to use:

Requirements Definition:

1. Defining Project Scope
2. Defining the Project Team
3. Defining Service-Level Requirements
4. Defining the Project Schedule

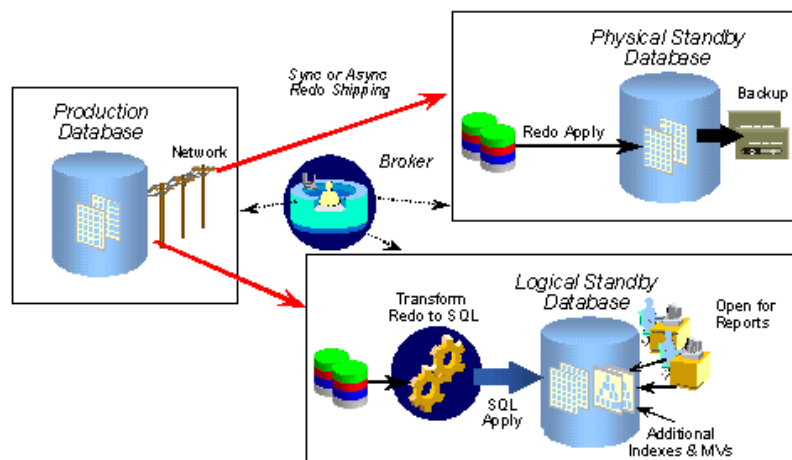
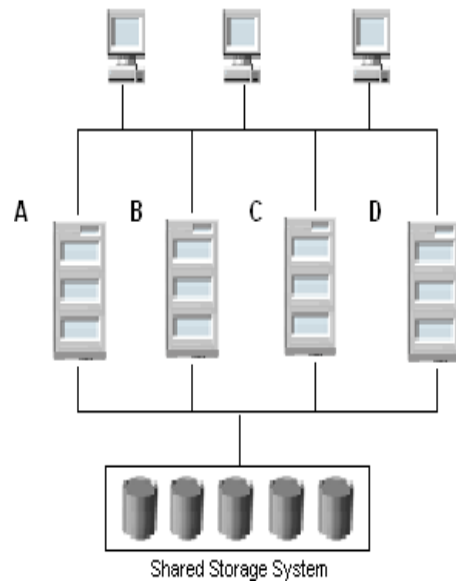
Technical Architecture Design and Build:

1. Determine the Hardware and Software Specifications
2. Implementing the Specifications - Hardware and Software

System Testing:

1. Proof-of-concept testing,
2. Unit testing
3. Integration testing
4. Load testing

Operational Readiness: When should you go live with your new system?



Oracle 10g RAC and Data Guard:

Overview

Attain real solutions for current availability challenges. Based on a “DBA-centric” approach to High Availability, *Oracle Database 10g High Availability* concentrates on explaining Oracle Database 10g technologies and practices to database administrators, covering general availability, real application clusters (RAC), disaster planning and recovery, and distributed database solutions. Hardware and application needs are also taken into account. While Oracle Database 10g is the main focus, many of the options discussed are available in earlier database releases.

Organized to provide conceptual understanding of High Availability, included are “HA Workshops,” step-by-step instructions to get you through certain implementations, plus real-world inspired case studies.

Table of contents

PART I

Logical Availability

1 Oracle and Availability: Illustrated Downtime Scenarios

- Horatio’s Woodscrews
- User-Defined Availability
- Test and Development Availability
- Cyclical Database Resource Requirements
- What Reports Were Those, Exactly?
- Out of Space in the Woodscrew Tablespace
- Downtime for Hardware Fixes
- Restarting Long-Running Transactions
- Slow Crash Recovery
- Dealing with Block Corruption (ORA 1578)
- Waiting for the File to Restore from Tape
- RAC and the Single Point of Failure
- Rewinding the Database
- The Dropped Table
- The Truncated Table
- Connecting Online, Identical Databases
- Complete and Total Disaster
- Where to Go from Here

2 RDBMS Features for Availability

- Enterprise Manager
- Oracle Database Control

- Database Control Console: Navigation
- Oracle Enterprise Manager Grid Control
- Database Configuration on the Fly
- spfile or init.ora?
- Nondynamic Parameters
- Data Architecture and Availability
- Partitioned Tables and Indexes
- Index-Organized Tables
- Materialized Views
- Online Reorganization
- Resource Manager and Scheduler
- Managing Limited Resources
- Heir to the Job Throne: The Scheduler
- LogMiner: Transaction Extraction
- Transportable Tablespaces

3 Tuning Your Database for Availability

- Intelligent Infrastructure
- MMON Background Process
- AWR: Automatic Workload Repository
- What Is AWR?
- Viewing an AWR Report
- Interpreting the Workload Repository Report Output
- Creating Baselines for Comparing the Workload
- ADDM (Automatic Database Diagnostic Monitor)
- Viewing the ADDM Reports
- What Drives ADDM?
- Advisor Central
- SQL Tuning Advisor
- SQL Access Advisor
- Memory Advisor and ASMM
- Additional Advisors
- Automatic Storage Management (ASM)
- ASM Concepts
- Implementing ASM
- Managing ASM Environments with EM

PART II

Real Application Clusters

4 RAC Setup and Configuration

- Cluster-Ready Services (CRS)
- CRS Architecture
- Virtual IP Addresses, or VIPs

- CRS Installation
- Operating System Configuration for CRS
- Storage Requirements for CRS/RAC
- Networking Requirements for CRS and RAC
- Kernel Parameters
- OCR and Voting Disk Requirements
- Preparing for the CRS Install
- Network Configuration
- Shared Storage Configuration
- The Actual CRS Install Itself
- Coexistence of CRS and Local Only Installs
- Installing CRS
- Installing the RDBMS
- ORACLE_HOME on Local or Shared?
- Installing the Product
- Database Creation

5 Database Administration in a RAC Environment

- RAC Essentials
- Instance Naming
- spfile in the RAC World
- RAC-Specific Parameters
- Additional Background Processes in a RAC Instance
- Cache Coherency in a RAC Environment
- Managing REDO and UNDO in a RAC Environment
- Redo Logs and Instance Recovery
- Redo Logs and Media Recovery
- UNDO in RAC
- Adding and Removing Cluster Nodes
- Adding a Cluster Node
- Removing a Cluster Node
- Additional RAC Considerations
- Managing ASM Environments
- Patching in a RAC Environment
- Enterprise Manager Grid Control and RAC

6 Utility Computing: Applications as Services

- Services Concepts
- Services as a Workload
- Services as Applications
- Services from the Database Perspective
- Creating Services
- Viewing Services from Within the Database
- Using SRVCTL to Manage Services

- Node Applications
- Managing Databases and Instances via SRVCTL
- Managing Services via SRVCTL
- Additional Notes on Services
- The Oracle Cluster Registry
- Information in the OCR

PART III

Disaster Planning

7 Oracle Data Guard: Surviving the Disaster

- Making the Right Choice
- Physical Standby Databases
- Logical Standby Databases
- Creating a Physical Standby
- Creating a Logical Standby
- Is Logical Standby Right for Your Application?
- Log Transport Services
- Defining Log Transport Services Destinations
- Log Transport Services and Security
- Standby Redo Logs
- Protection Modes
- Maximum Protection
- Maximum Availability
- Maximum Performance
- How Data Guard Handles Network Disconnects
- Gap Detection and Resolution
- Methods of Gap Resolution
- Managing a Physical Standby
- Starting a Physical Standby
- Starting Managed Recovery
- Using the Standby in Read-Only Mode
- Accommodating Physical Changes Made on the Primary
- Managing a Logical Standby Database
- Stopping and Starting SQL Apply
- Monitoring SQL Apply Progress
- Protecting the Logical Standby from User Modifications
- Recovering from Errors
- Changing the Default Behavior of the SQL Apply Engine
- Additional DBMS_LOGSTDBY Procedures
- Performing a Role Transition Using Switchover
- Performing a Role Transition Using Failover
- Failover First Steps
- Using Flashback After a Failover
- Data Guard Broker and Clients
- The CLI Interface

- Using the Data Guard GUI

8 Backup and Recovery for High-Availability Environments

- The Importance of Media Backups
- RMAN: A Primer
- RMAN and the Controlfile
- RMAN and the Data Block
- RMAN Command-Line Usage
- RMAN from Enterprise Manager
- Preparing an RMAN Backup Strategy
- The Flashback Recovery Area
- Permanent Configuration Parameters
- Caring for Your Controlfile
- Backing Up the Available Database
- The High-Availability Backup Strategy
- Backing Up the Flashback Recovery Area
- Backup Housekeeping
- Performing Recovery
- Database Recovery: Restore and Recover
- Block Media Recovery
- Media Management Considerations
- The SBT Interface
- Backing Up Directly to Tape
- RMAN and Data Guard
- Using RMAN to Build the Standby Database
- RMAN and RAC
- RMAN Configuration for the Cluster
- Flashback Recovery Area for RAC
- Oracle and Split-Mirror Technologies
- The Split-Mirror Configuration
- RMAN Backups from the Split Mirror
- Use DG Instead

9 Oracle Flashback: Surviving User-Induced Trauma

- Prepared for the Inevitable: Flashback Technology
- Flashback Query
- Flashback and the Undo Segment: A Love Story
- Performing Flashback Query
- Flashback Versions Query with Enterprise Manager
- Flashback Transaction Query
- Flashback Table
- Performing the Flashback Table from SQL
- Flashback Table with Enterprise Manager

- Flashback Drop
- The Recycle Bin
- Flashback Database
- Flashback Logs
- Flashback Retention Target
- Flashback Database: Tuning and Tweaking
- Flashback Database: Opportunity for Different Uses

PART IV

Distributed Database Solutions

10 Oracle Net Configuration for Failover

- Definitions
- Connect-Time Failover
- Transparent Application Failover
- Client-Side Load Balancing
- Server-Side Load Balancing
- Net Configuration
- Using GUI Tools to Generate Configuration Files
- Easy Connect
- Environments Suitable for TAF .
- Listener Configuration
- Why a Virtual IP?