



Oracle Database Administration for Harvest

Preface

Designed for sites with limited experience with Oracle databases, this five (5) day course covers the most important aspects of administering the database. It is comprised of two sections:

- The first section is three (3) days in duration and covers training on the key Oracle database objects.
- The second section is two (2) days long and involves a review of existing site databases and procedures and addresses any shortcomings. Ensuring the database is correctly backed up and understanding the recovery process are key goals.

These sections are designed to stand independent of each other and can be taken separately.

Designed for Database Administrators, this course will also be of interest to Harvest Administrators.

Duration

Five (5) days – Maximum 6 students

Price

Please call a Polaris representative for pricing information.

Course Description

Day 1

Database Components

- Physical Objects
 - Tablespaces, redo logs, initialization files
 - System Global Area
 - Networking files: tnsnames.ora, listener.ora
 - Alert logs, trace file
- Logical Objects
 - Tables, indexes
 - Constraints, triggers, synonyms, sequences
- Tablespace creation parameters
- Table and Index Creation Parameters



Day 2

Database Operations

- Database installing, starting and stopping
- SQLNet listener starting, stopping, checking, configuring
- Oracle Client – what it is, configuration
- Useful Oracle system tables: DBA_ and V\$ tables
- Import/Export
- Enterprise Manager - overview

Day 3

Tuning, Security, Backup and Recovery

- Optimal file layout
- Memory allocation
- Cost Based Optimizer
- Table and index maintenance issues
- Lock resolution
- Understanding and resolving long running queries
- Roles, views, synonyms and database links
- Finding out who's got what
- RMAN - overview

Day 4

Site Review

- Review of current database configurations
- Analyze any outstanding tuning issues

Day 5

Site Specific Recovery Plan

- Develop and test backup and recovery scripts
- Plan for future growth
- Document all findings and recommendations



Polaris Technologies Ltd.

Your AllFusion Harvest Change Manager Experts

Prerequisite Requirements

This course is designed for users who are in charge of administering Oracle databases. It will also be of interest to Harvest Administrators.

Prerequisite skills for this course are:

- SQL knowledge
- Script writing knowledge

Course Objectives

Upon completion of this course, each student will be able to:

- Administer an Oracle database
- Perform and test Oracle backups and recoveries
- Advise application developers on tuning issues
- Plan for growth

Contacting Polaris Technologies

To contact us with questions or to schedule a course:

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