

CONTENT SERVER ADMINISTRATION

REDSTONE CONTENT SOLUTIONS CUSTOM COURSE

CONTENT SERVER TRAINING AGENDA

Audience

System Administrators
Architects
Technical Leads
Developers

Duration

5 Days

Suggested Prerequisites

Basic Knowledge of WebCenter Content (Check In, Check Out, Metadata, Search)
Basic Knowledge of Security Concepts
Basic Knowledge of Revision Control Concepts

Overview

This comprehensive five (5) day course focuses on implementation tasks and administrative skills within the Oracle Content Server. Participants will learn to identify administrative responsibilities and security concepts. They will also learn to implement role-based and account-based security models. Performance Tuning tips and tricks are discussed.

Redstone uses a combination of instructional videos, hands-on exercises, assessments and discussions about real-world scenarios to provide maximum value and retention.

Development Environment Setup

Topics Covered

Operating System Compatibility

- Certification Matrix for Production
- Tips & Tricks for your development environment
- Virtualization Discussions
 - VMWare Server & VMWare Workstation
 - Oracle (Sun Microsystems) Virtual Box
 - Windows Server 2008 Hyper-V

Operating System Patch & Prep

Install & Configure Apache Web Server

Install & Configure Oracle Database 11g XE

Install & Configure Content Server

- Where to Get Software
- Where to Get Patches
- Testing Database Connectivity
- Database Schema Setup
- Selecting Initial Components
- Selecting Storage Locations
- Install Patches/Updates

Install & Configure Inbound Refinery

- Selecting Initial Components
- Selecting Storage Locations
- Review Add-On Products
- Install & Configure PDF Converter

Final Configurations

- Database Connection Settings
- Allow Author Download

Core Content Server Administration

Theoretical discussions, demonstrations and live, hands-on interactive time with a Content Server installation are addressed for all the following topics to give administrators and sub-administrators the techniques and knowledge they need to more successfully utilize their Content Server.

Topics Covered

"States" of a Document

- Check in/out
- Native files
- Renditions
- Workflow
- GenWWW
- Released

Content Server Overview

- Introduction to Content Server
- Versioning
- Managed content lifecycle possibilities
- Participating servers
- Installed components
- Admin Applets review

Security Concepts

- Overview
- Role based model introduction
- Implementing role based security
- Account based model introduction
- Implementing account based security

Basic Metadata

- Process for defining a metadata model
- Content types
- Out-of-the-box metadata
- Custom metadata
- Tables
- Views
- Relationships
- Choice Lists
- Dependent Choice Lists

Content Rules and Content Profiles

- Hiding metadata
- Excluding metadata
- Grouping metadata
- Deriving metadata
- Rule based side effects
- Manipulating metadata order
- Custom components to manipulate metadata presentation

Configuring Content Server

- System properties
- Installing and enabling components

Batch Loader

- Batch load file structure
- Batch Builder
- Batch Loader errors file
- Advanced batch loading techniques

Workflows

- Concepts
- Aliases
- Criteria workflows
- Sub-workflows
- Workflow templates
- Tokens
- Basic workflows

Subscriptions

- User based subscriptions
- Forced subscriptions

Archiver

- Concepts
- Creating archives
- Changing metadata
- Multiple archive repositories
- Moving content
- Moving data (example: users)
- Removing older revisions

Performance Tuning Tips & Tricks

Learn how to identify bottlenecks in the system and how to confirm and quantify those bottlenecks. Find out about configurations that can be changed to improve the performance of the system. Explore common areas that cause poor or ever degrading performance.

Introduction to Optimization

- Finding system slowdowns
- Typical causes of slowdowns
 - System hardware
 - System configurations
- Steps in the tuning process

Benchmarking

- Designing your benchmark
- Benchmark tools
- Capturing and analyzing benchmarks

Tuning the Core Content Server

- Configurations
- IdocScript caching
- Database tuning
- Java tuning

Discussion of Impacts & Ramifications of Decisions