IBM

IBM FileNet Content Manager 5.2.1
Optimize Search Performance

F284
Course Abstract

Course description

Users often use both content and property based searches during the course of a business day. Searches can be extremely resource intensive. In this course, you learn how to configure Content Search Services, configure document classes for content based retrieval, create index partitions, and use bulk operations to update multiple files based on search criteria.

Duration

4 hours

Delivery Method

Instructor-led (Classroom or online), SPVC (Self Paced Virtual course)

Audience

- System Administrators who are responsible for:
    - Maintaining the IBM FileNet Content Manager domains.
    - Administering development and production environments.

Prerequisites

- Recommended skills:
    - IBM Content Manager concepts and terminology: Object stores, objects, properties, content
    - Be able to navigate the Administration Console for Content Platform Engine.
- Recommended prerequisite courses:
    - F280 - FileNet Content Manager 5.2.1 Introduction or equivalent skills and knowledge.
    - F282 - IBM FileNet Content Manager 5.2.1: Work with Object Metadata or equivalent skills and knowledge.

Course Objectives

Upon completion of this course, participants will be able to:

- **Configure a text search server**
- **Select a Property for an Index Partition.**
- **Configure a String Index Partition.**
- **Configure a Date Index Partition.**
- **Configure Content Based Retrieval**
- **Configure an Index Area**
- **Check Indexing Logs**
- **Reindex**

- **Optimize CBR queries**
- **Perform searches with bulk actions.**
- **Perform a batch action.**

Topics

Configure Content Search Services

What is content-based retrieval (CBR)?

What is a content index?

What are IBM Content Search Services?

Starting and stopping IBM Content Search Services

What is an index area?

Use affinity groups to control server assignment

Enable Content Based Retrieval

Domain level tasks

IBM Content Search Server console commands

Configure index partitions

What is an index partition?

Configuring Index partitions

Settability values

Selecting a string property for an index partition

Use a date property for a partition

Create content based indexes

Index areas and full-text indexes

Index area states

Index area settings

Full text index settings

Automatic activation of index areas

Enable Content Based Retrieval

Object store level tasks

Create an index area object

Index jobs

How to run a CBR search

CBR SQL query format

CBR enabled properties

Optimize CBR queries

Combined CBR ad database searches

How the mixed query works

CBR Query Optimization

Configuration

Handling requests for ranked results