

Customer Care and Billing: Batch Processing

Varighed: 1 Day

What you will learn

The attendees discuss submitting and scheduling background jobs through the interactive mode, online submission, and external scheduler submission. The attendees also receive an overview of the Customer Care & Billing Scheduler and discuss concepts to optimize the process scheduling.

Learn To:

Overview of background processing in CC&B

Configure and run processes using the CC&B Scheduler

Interactive submission method in CC&B

Techniques to implement and optimize processing schedules

Online submission method in CC&B

Audience

Data Warehouse Administrator

Data Warehouse-administrator

Database Designers

System Analysts

Technical Administrator

Technical Consultant

Teknisk konsulent

Prerequisites

Required Prerequisites

Customer Care and Billing: Configuration Lab

Suggested Prerequisites

Exposure to background processing environments

Course Objectives

Describe how background processing works in CC&B, describe the standard parameters and the concept of Batch Contr

Explain how the Batch Run Tree can be used to monitor individual processes

Explain basic infrastructure concepts used by background processing

List the background processing configuration files, describe their settings, and explain the process to maintain these setti

Describe how the interactive submission method works in CC&B, explain when it is appropriate to use, and describe how

Describe how the online submission method works in CC&B, explain when it is appropriate to use, and describe how to n

Describe how the CC&B Scheduler works, explain when it is appropriate to use, and describe how configure, run, and mc

Describe the background processes that make up the schedule supplied with CC&B

Understand the techniques to implement and optimize the schedules provided with CC&B

Course Topics

Background Processing

Overview of this course

Background Processing Concepts

Categories of Background Processes

Background Processes and Architecture

Background Processes and Java Virtual Machines

Error Processing

Standard Parameters

Restart/ Rerun-able

Batch Controls

The Batch Run Tree

Common Concepts

CC&B Administrator Account

CC&B Environment

Environment Retention

Attaching to an Environment

CC&B Directory Structure

Common Environment Variables

Configuration Files

Location of the Configuration Files

Hibernate

ENVIRON.INI setting for the Web Applications

spl.properties File

e0batch.properties File

What is log4j?

Interactive Submission

What is the Interactive Method?

How do I use this Method?

Example Submission

Advantages and Disadvantages

Where would I use this Method?

Monitoring using this Method

Online Submission

What is the Online submission method?

How do I Submit the Processes using Online?

Submission Flow

Advantages and Disadvantages

Where would I use this Method?

Monitoring using the Method

Additional Logging

CC&B Scheduler

What is the CC&B Scheduler and How does it Work?

Configuration Steps

Create a Workflow Process Template for every Job Stream

Set Up a Workflow Process Creation Schedule for each Job Stream

Set Up a User ID for Batch Jobs

Set Up a Feature Configuration

Starting and Monitoring a Job Stream Manually

Job Details

Schedule Overview

The CC&B Schedule

Dependencies

Nightly Schedule

Daily and Hourly Jobs

Workflow and XAI Jobs

Letter Jobs

Periodic Jobs

Archiving and Purge Jobs

Optimizing the Schedule

Determining your Schedule

Process for Schedule Optimization

Removing Jobs from the Dependencies

Timing and Dependencies

Guidelines for Scheduling