

Crystal Enterprise 9

Administration

Training Outline



Objective

The overall goal of the *Crystal Enterprise 9 Administration* course is to give learners the skills and knowledge necessary to administer Crystal Enterprise servers as well as manage users and content in a Crystal Enterprise deployment.

Duration

3-day instructor-led course

Audience

This course is targeted to:

- Crystal Enterprise Administrators
- IT Managers
- Users who are responsible for performing these tasks:
 - Installing Crystal Enterprise
 - Configuring and managing the Crystal Enterprise servers
 - Creating and managing Crystal Enterprise accounts
 - Creating and managing Crystal Enterprise folders and objects
 - Securing content in Crystal Enterprise

Prerequisites

To be successful, learners who attend the *Crystal Enterprise 9 Administration* course must:

- Have a working knowledge of Crystal Reports
- Understand core report design concepts
- Have experience working with MS Windows
- Have a working knowledge of NT enterprise security concepts, such as global & local groups, and directory structure.

Learning objectives

At the end of the *Crystal Enterprise 9 Administration* course, learners will be able to:

Define Business Intelligence and Crystal

- Define Business Intelligence
- Define the Crystal enterprise solution

Identify the Crystal Enterprise Architecture

- Explain the overall framework of the Crystal Enterprise architecture
- Identify the Crystal Enterprise components

Use ePortfolio

- Define ePortfolio
- Access and log on to ePortfolio
- Identify the ePortfolio interface
- Navigate ePortfolio to locate reports
- Organize folders in ePortfolio
- View reports
- Schedule reports

Manage Accounts in Crystal Enterprise

- Use the Crystal Management Console
- Define authentication types
- Manage Crystal Enterprise accounts
- Manage 3rd party authentication

Use Administrative Tools

- Identify and Explore Administrative Tools

Manage Content in Crystal Enterprise

- Create a folder structure in the Crystal Management Console
- Publish reports to folders
- Prepare reports to be viewed and scheduled
- Secure content
- Schedule reports
- Monitor report instances

Install Crystal Enterprise

- Prepare to install Crystal Enterprise
- Install Crystal Enterprise

Perform Common Server Management Tasks

- Identify server management tools
- Modify server status
- View metrics

Manage the Web Connector and Web Component Server

- Configure the Web Connector
- Configure the Web Component Server

Manage the APS

- Define the role of the APS
- Migrate the APS database
- Cluster APS machines

Manage Events

- Define Crystal Enterprise events
- Manage the Event Server
- Manage event-based scheduling

Manage the File Repository Servers

- Define the role of the File Repository Servers
- Configure the File Repository Servers

Manage the Job Server

- Define the role of the Job Server
- Configure the Job Server
- Explain how scheduled reports are processed

Manage the Page and Cache Servers

- Define the roles of the Page Server and Cache Server
- Configure the Cache Server
- Configure the Page Server
- Explain how report viewing request are processed

Manage the Report Application Server

- Define the role of the Report Application Server
- Configure the Report Application Server
- Describe how the Report Application Server processes report viewing requests

Manage Server Groups

- Define server groups
- Create server groups and subgroups

Scale a system

- Identify scalability considerations
- Building a distributed installation