



Training program **IBM ClearCase Administrator**

Reference : SCM_Tr1.1

Description : This training allows you to understand the architectural elements to install and configure it, to understand the structure of VOBs and views, to set up a backup strategy for VOBs and views, to ensure the maintenance of an operational server, to adapt IBM ClearCase to achieve the best performance, to manage the joint operation of IBM ClearCase Unix and IBM ClearCase Windows, and to detect and resolve errors.

Duration : 3 days.

Unfolding of the training :

MORNING

MODULE 0 : Objectives of the training

Day 1

Introduction : Presentation of the objectives and of the unfolding of the training

Round table : Presentation of the groupe, participants and their expectations

MODULE 1 : ClearCase Administration Overview

Day 1

Objectives of the module :

- The role of the ClearCase administrator
- Review of ClearCase concepts
- Administration tools

MODULE 2 : Managing the Registry and Regions

Day 1

Objectives of the module :

- Typical ClearCase site
- ClearCase registry and regions
- Common administrator registry/regions tasks

AFTERNOON

MODULE 3 : Maintaining VOBs

Day 1

Objectives of the module :

- VOB architecture
- Types of VOBs
- VOB schema and feature level
- Scrubbing VOBs
- Removing VOBs

MODULE 4 : Managing Access Control

Day 1

Objectives of the module :

- Overview of ClearCase protection
- Protection of VOBs
- Protection on views
- Protection on directories
- Protection on elements and other objects

MORNING

MODULE 5 : Modifying, Supplying, and Moving VOBs

Day 2

Objectives of the module :

- Viewing and modifying registry information
- Making a VOB available in multiple ClearCase regions
- Importing data
- Relocating elements

- Moving VOBs and VOB storage directories

MODULE 6 : Managing Views

Day 2

Objectives of the module :

- Displaying and modifying view properties
- Modifying view registry entries
- Removing views

AFTERNOON

MODULE 7 : Managing Storage Pools

Day 2

Objectives of the module :

- Storage pools
- Viewing storage pool information
- Creating and managing storage pools
- Scrubbing pools

MODULE 8 : Scheduling Tasks

Day 2

Objectives of the module :

- ClearCase Job Scheduler
- Displaying job information
- Scheduling custom jobs

MORNING

MODULE 9 : Backing Up and Restoring ClearCase Objects

Day 3

Objectives of the module :

- Backing up VOBs
- Restoring VOBs
- Repairing a damaged VOB
- Backing up and recovering views

MODULE 10 : Managing ClearCase Licenses

Day 3

Objectives of the module :

- ClearCase Licensing overview
- Configuring and tracking license usage
- Making licenses available
- IBM Common Licensing (FLEXlm)

AFTERNOON

MODULE 11 : Planning a ClearCase Implementation

Day 3

Objectives of the module :

- Installation decisions
- Registry and regions
- VOB implementation
- View implementation
- Remote User Support
- ClearCase Interoperability

MODULE 12 : Installing ClearCase

Day 3

Objectives of the module :

- Enterprise deployment installation process
- ClearCase V9.X installation demonstration
- Installing ClearCase patches
- Removing or modifying ClearCase

Targeted groups et prerequisites

This training is intended for network system administrators and ClearCase configuration managers.

Knowledge of Windows or Unix administration are required.

Training objectives

The objectives of this training are :

- Obj.1 - Configure IBM ClearCase regions and storage points for Windows and Linux
- Obj.2 - Create and configure VOBs for your projects
- Obj.3 - Create Views and configure ConfigSpecs to follow the defined branch strategy
- Obj.4 - Strengthen the Configuration Management process by implementing access rights and controls
- Obj.5 - Create and use Meta-Data (Trigger, Attributes, ...) to implement a SCM process
- Obj.6 - Analyse logs and ensure operational maintenance

Targeted skills

Upon completion of this training, the participant will be able :

- Know the main commands used to manage and configure VOBs and Views
- Create meta-data, elements
- Know the main commands used to modify access rights on ClearCase objects: meta-data, elements, VOBs and Views
- Plan Jobs (Scrubbers, analysis scripts, ...)
- Identify sensitive data and secure them with access control
- Access and analyse logs to solve problems



Terms and conditions, and accessibility for individuals with disabilities

Duration : 3 days

Location : In the workplace (anywhere in France) OR remotely

Date : For any training request, please contact us using the phone number mentioned at the bottom of this page. We will agree with you on a tailor-made solution within a month.

Minimum number of trainees : 4 individuals

Accessibility for individuals with disabilities : The rooms we use are accessible to people with disabilities. For any other type of disability, please consult us beforehand to find an adapted solution within the limits of the resources available.

Training, technical and supervisory resources

Each course module will be covered in a hands-on exercise that will be performed via a remote ELM server provided and installed by ABlogiX. Each participant will have a computer already installed to access the ELM server.

Training support will be provided for each module and will be presented via a video projector or large screen. A whiteboard or interactive whiteboard should be provided with pens.

The training is facilitated by a consultant-trainer, which allows participants to benefit from his field experience.

Assesment method

After completion of a module and using the workbook provided on every participant's computer, the understanding of each module will be assessed through exercises regarding a case study. The trainer will be at the participants's disposal for any question as he will follow the progress and correct the exercises.

The trainer

ABLOGIX has an expert with more than 20 years of experience in ClearCase Configuration Management across a range of industries.

Validation of the training

Certificate of completion.

Training fees

Starting from 1900 euros HT per trainee in inter-company, according to the needs of customised content development. Excluding travel expenses.