Global Horizon
TRAINING CENTER

Training Course:
Configuration Management

11 - 15 July 2027
Amman (Jordan)

Training Course:
Configuration Management

Training Course code: MA235674 From: 11 - 15 July 2027 Venue: Amman (Jordan) - Training Course Fees: 4200 Euro

Introduction

Configuration Management CM is a vital business process that enables teams to efficiently develop, package, and deliver high-quality software. It emphasizes managing essential artifacts such as source code, documentation, and test cases throughout the software lifecycle. CM fosters automation in building, packaging, and deploying software, offering the agility to handle multiple variants of a codebase.

Course Objectives

By the end of this course, participants will:

- Understand the features and functions of Configuration Management systems.
- Learn to establish boundaries, groups, and manage platform tools.
- Configure resource discovery, role-based administration, and client agents.
- Gain skills in creating queries, generating reports, and analyzing data.
- Master application planning, deployment, and management.
- Configure Wake-on-LAN, power management, and remote control settings.
- Acquire both theoretical and practical knowledge to manage and configure CM tools.

Target Audience

This course is suitable for:

- Software Developers
- Project Managers
- IT Managers
- Development Managers
- System Engineers

- Configuration Manager Administrators
- STEM Graduates and Freshers

Course Outline

Day 1: Fundamentals of Configuration Management

- Overview of Configuration Management
    - Definition, Evolution, and Role in Program Management
    - Purpose and Benefits of CM
    - Objectives and Guidelines for Successful CM
- Configuration Identification
    - Product Lifecycle Phases
    - Defining Functional, Performance, and Physical Attributes
    - Engineering Release Systems

Day 2: Configuration Baselines and Interface Control

- Configuration Baselines
    - Purpose and Benefits of Baseline Management
    - Types of CM Baselines: Requirements, Design, Product Configuration
    - Determination and Implementation in Product Lifecycle
- Interface Control
    - Identification and Management of Product Interfaces
    - Effective Interface Control Working Groups

Day 3: Change and Status Management

- Configuration Change Management
    - Systematic Process for Changing Baselines

- Major and Minor Changes: Roles and Responsibilities
- Impact Assessment and Approval Process

- Configuration Status Accounting
  - Recording and Reporting CM Activities
  - Data Flow and Impact on Product Lifecycle
  - Types of Reports and Metrics

Day 4: Verification, Audits, and Digital Data Management

- Verification and Audits
  - Functional and Physical Configuration Audits
  - Performance and Design Verification
  - Internal and External Audits
- Configuration Management of Digital Data
  - Data Integrity Principles
  - Version Control and Business Rules

Day 5: CM Planning and Training

- CM Planning
  - Application to Product Lifecycle
  - Core Elements and Tailoring CM Requirements
  - Developing a CM Plan
- Training and Supplier CM
  - CM Roles and Responsibilities
  - Performance Measurement and Metrics
  - Supplier CM Requirements and Audits

Registration form on the Training Course: Configuration Management

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Payment Method

- ☐ Please find enclosed a cheque made payable to Global Horizon
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