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Sign up

CMMI Development Implementer Certification Training

ALL-IN-ONE : EXAM INCLUDED

2 days (14 hours)

Presentation

Our CMMI Development Implementer training course will enable you to discover in depth the key areas of the CMMI V3.0 model applied to development.

You'll learn how to map your existing processes, identify gaps in relation to best practices, and pilot a progressive improvement approach.

You will learn how to formalize requirements, structure technical design, master product integration, better manage project risks and reinforce software or system quality.

You will also be prepared for the official CMMI Associate - Development specialization exam, with practical workshops and a mock test.

On completion of this training course, you will have a solid foundation for leading or supporting a CMMI implementation in a development environment.

Like all our training courses, this one incorporates the latest version of CMMI V3.0, and provides you with the tools to initiate a structured improvement process.

Objectives

- Understand the structure and objectives of the CMMI for Development model
- Identify key practice areas: requirements, design, integration, project management, etc.
- Evaluate a development process using the CMMI scale
- Build a continuous improvement plan based on CMMI
- Prepare effectively for CMMI Associate certification - Development

Target audience

- Project managers
- Quality managers
- Software development teams
- DevOps

Prerequisites

- Experience in a software, system or product development context
- No CMMI or ISO certification required
- Technical, functional or quality public (intermediate level)

Our CMMI Services Essentials training program

Introduction to the CMMI model

- Origins and evolution of the CMMI model
- Objectives and benefits of the CMMI Services model (CMMI-SVC)
- Overview of the CMMI v3.0 structure (common core + specific views)
- Key concepts: service system, practices, capability and maturity levels
- Relationship with other standards (ITIL, ISO 20000, Agile)

Specific areas of CMMI Services

- Service delivery (SD): commitments, execution, monitoring
- Capacity and availability management (CAM)
- Incident management and preventive action (IRP)
- Service continuity management (SCON)
- Strategic Service Offering Management (STSM)
- Workshop: Identify CMMI practices in your current service processes

Deploy practices in an organization

- Map existing processes using CMMI logic
- Identify gaps, duplications or areas of fragility
- Gradually integrate the model's practices into operations
- Mobilize teams around measurable quality objectives
- Workshop: Self-assessment of an IT process using the CMMI scale (levels 0 to 3)

Improve service performance and resilience

- Reduce incidents and secure availability
- Organize service continuity and recovery plans
- Manage SLAs and performance indicators
- Establish a continuous improvement loop based on CMMI
- Align with business and customer expectations

Reinforce organizational maturity

- Understand the notion of maturity and its effects on a service team
- Build a value-oriented continuous improvement model
- Frame a progressive dynamic (Quick Wins + long-term gains)
- Manage change management related to CMMI adoption
- Workshop: Drawing up a 6-month CMMI improvement roadmap

Preparation for CMMI Services Essentials certification

- Official exam format (ISACA / CMMI Institute)
- Topics assessed: vocabulary, structure, domain logic
- Advice on how to pass the final MCQ
- Review of the key points of the model and its 5 specific domains
- Mock test + commented correction to validate acquired knowledge

Companies concerned

This course is aimed at both individuals and companies, large or small, wishing to train their teams in a new advanced IT technology, or to acquire specific business knowledge or modern methods.

Positioning on entry to training

Positioning at the start of training complies with Qualiopi quality criteria. As soon as registration is finalized, the learner receives a self-assessment questionnaire which enables us to assess his or her estimated level of proficiency in different types of technology, as well as his or her expectations and personal objectives for the forthcoming course, within the limits imposed by the selected format. This questionnaire also enables us to anticipate any connection or security difficulties within the company (intra-company or virtual classroom) which could be problematic for the follow-up and smooth running of the training session.

Teaching methods

Practical training: 60% hands-on, 40% theory. Training material distributed in digital format to all participants.

Organization

The course alternates theoretical input from the trainer, supported by examples, with brainstorming sessions and group work.

Validation

At the end of the session, a multiple-choice questionnaire verifies the correct acquisition of skills.

Certification

A certificate will be awarded to each trainee who has completed the entire course.