Formation Introduction au CMMI

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SII-300   3 Days (21 Hours)

Description

The CMMI model is a model of industrialization of software production that has proven itself by increasing product quality while reducing costs and deadlines. This "Introduction to CMMI" training will allow you to master this model in detail and participate in a SCAMPI evaluation as a team member.

Who is this training for ?

For whom

This CMMI training is aimed at anyone involved in software development or maintenance.

Prerequisites

None

Training objectives

- Master the CMMI model in detail
- Identify the benefits of improvement processes

Training program

INTRODUCTION

- Training process
- Training objectives
- Training content

LES CONCEPTS DE L'AMÉLIORATION DE PROCESSUS ET CMMI

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We are at your disposal : De Lun - Ven 09h00-18h00

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- Process improvement concepts
- The CMMI product suite
- The benefits of CMMI

PARCOURS DES COMPOSANTS DU MODÈLE CMMI

- The contents of the CMMI model
- The components of a process domain
- The glossary

LES REPRÉSENTATIONS DU MODÈLE ET L'INSTITUTIONNALISATION

- Representations of the CMMI model
- Understanding the levels
- Institutionalization of processes
- Apply generic practices

LE DÉVELOPPEMENT DE PRODUIT (PREMIÈRE PARTIE)

- Managing needs and requirements

LA GESTION DE PROJET

- Project planning and monitoring
- Risk management
- Supplier management

LE SUPPORT DES PROJETS ET DE L'ORGANISATION

- Configuration management
- Process and product quality assurance
- Measurement and analysis
- Decision making
- Analysis of causes and their resolutions

LE DÉVELOPPEMENT DE PRODUIT (SECONDE PARTIE)

- Technical solutions
- Product integration
- Verification
- Validation

L'INFRASTRUCTURE D'AMÉLIORATION

- Focus on organizational processes
- Defining organizational processes
- Integrated project management
- Organizational innovation and its deployment
- Training at the organizational level.

LA GESTION QUANTITATIVE

- The performance of organizational processes
- Quantitative project management

LE SUPPORT DES ENVIRONNEMENTS COMPLEXES

- The concepts of integrated product and process development
- The definition of organizational processes and integrated development
- Integrated project management and integrated development

LA VISION D'ENSEMBLE

- Relationships between process domains
- Relationships between process domains and generic practices
- Using both representations
- The notion of equivalence between representations