

**CERTIFIED INTERNATIONAL
SOFTWARE CONFIGURATION MANAGER**

Days: 2 CISCML LEVEL 2 EXAM Code: SMX

This two-day course is the most comprehensive SCM seminar available. Thoroughly updated, it covers SCM for DevOps, Lean, Agile, SAFe, tools, and prepares students for the optional Level II certification exam available at the end of each course.

YOU WILL LEARN

- √ Elements of SCM
- √ How to apply SCM principles
- √ The latest standards and tools
- √ The complete Agile DevOps SCM process
- √ Software development methods
- √ The SAFe process
- √ The Software release process
- √ ITIL, NIST, COBIT
- √ Infrastructure as Code tools
- √ Digital Twins and SCM

CISCM - Certified International Software Configuration Manager.

- Software Configuration Management course completion required
- No other prerequisites
- Two hour exam
- true false, multiple choice, short answer, essay
- A Requires 75% correct to pass
- Acronym list and six pages of notes allowed

CMTaskware and CM Zip – Go to: www.cmtf.com

Our new and exclusive CM tool, CM Zip, will be available for demonstration to students...it supports our lectures, helps you study for certification exams, and guides you through every-day CM Implementation decisions. Be sure to ask your presenter for details.

REGISTRATION

TO REGISTER:

On Line: www.crownsolutions.com.au or

Email this completed form to:

info@crownsolutions.com.au

Name: _____

Company: _____

Phone: _____

Mobile: _____

Address: _____

Email: _____

AUSTRALIAN DATES and FEES:

Virtual Session

These virtual classes will be held at times suitable for Australian Audiences and will most likely be conducted utilizing the Microsoft Teams application

The classes run for five hours each day, the Certification exams are given at the end of the each applicable class – the test takes about an hour.

SCM: 15 – 16 October 2024

FEES – in AUD - (Including GST):

SCM: \$1,820



**Crown Management
Solutions Pty Ltd**

in association with the

**Configuration Management
Training Foundation**

Presents:

**Software Configuration
Management
&
Level II CISCML Certification**

(2 days - SCM)

Australian Dates:

Virtual Session 15 – 16 October 2024

Presented by the Internationally
Acclaimed Speaker

MR. JOHN M. ROBERTS

SOFTWARE CONFIGURATION MANAGEMENT

Days: 2 *Understanding the SCM Process* Code: SCM

THE PROGRAM

This two-day course is the most comprehensive SCM seminar available. Thoroughly updated, it covers SCM in DevOps, Lean, Agile, SAFe, tools, and prepares students for the optional Level II certification exam available at the end of each course. The Software Configuration Management course builds upon the Level I program courses but also stands on its own for students that only want to address software. All the material needed to prepare and take the Level II exam is covered in the class, with plenty of time spent on review and sample test questions. In today's environment, CM professionals need to augment their skills with a good understand of both hardware and software CM.

TEAM WORKSHOPS

- **Workshop I** – SCM Assessment
- **Workshop II** – CISCAM Exam Review

YOUR INSTRUCTOR

Mr. Roberts is recognized by the Commonwealth with their highest accreditation, "Pre-Eminent Advisor (Level 5), for Data and Configuration Management, and Technical – Configuration Management. This course material is the culmination of over 40 years of real-world hands-on CM experience, which includes the Lockheed Skunk Works, a legendary organization that helped define Lean and Agile before those terms were widely used. Mr. Roberts has taught over 1,000 CM courses in over 20 counties.

WHO SHOULD ATTEND

These seminars are designed for the experienced and new CM professional. Attendees also include management and technical personnel working in other fields seeking to apply the benefits of a sound CM process. Especially interested would be those seeking CM certification and those looking for what is new in Configuration Management.

1. INTRO – THE SCM FRAMEWORK

- Traditional & Agile SCM
- The five functions of CM
- Expanding the CM functions
- Standards and methods
- Baselines and configurations

2. PLANNING & METHODS, SAFe, & AGILE

- SCM planning and management
- Tailoring by CSCI category
- SAFe essential elements
- The release train
- Agile, Scrum process & visualization

3. SW CONFIGURATION IDENTIFICATION

- Configuration Identification function
- CSCI selection process
- Product structure hierarchy
- Identification & product support integration
- BOMs and SW to HW dependencies

4. VIRTUALIZATION, INFRASTRUCTURE, IT

- Types of virtualization
- Infrastructure as Code (IaC)
- Item Unique Identification (IUID)
- IT asset control procedures
- IT discovery

5. CHANGES, VERSIONING, BRANCHING

- SW Change Control
- Change process in Agile and DevOps
- Versioning schemes
- Branching strategies
- Kubernetes (K8s) & container orchestration

6. CSAS, TOOLCHAINS & REPOS

- Elements of CSAS
- The CSAS toolchain
- SW Data Management
- DevOps lifecycle and toolchain
- Repositories

7. SCM VERIFICATION AND AUDIT

- CVA principles
- Verification vs validation
- The audit plan
- How to conduct the FCA & PCA
- CM governance

8. QUALITY AND TESTING

- Quality and self-regulation
- Trust and verification
- Agile's fail fast
- Testing and debugging
- Continuous testing

9. RMF, SECURITY-FOCUSED CM & CLOUD

- Risk Management Framework
- Security-Focused CM
- SecCM phased implementation
- Security Evaluation (ISO/IEC 15408)
- Cloud-Native

10. EMERGING TOPICS

- Preparing for change
- Emerging technologies, initiatives
- AI enabled robots & ghost ships
- Kubernetes (K8s) orchestration
- LOTAR International

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