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FOR TRAINING

NIST 800-53 Security & Privacy Controls Implementation

IT & IT Engineering
Los Angeles (USA)
14 - 18 Jul 2025

UK Traininig
PARTNER

NIST 800-53 Security & Privacy Controls Implementation

Ref: 321771_146374 **Date:** 14 - 18 Jul 2025 **Location:** Los Angeles (USA) **Fees:** 5700 **Euro**

Course Description

This comprehensive 5-day course provides in-depth knowledge and practical skills for implementing NIST 800-53 security and privacy controls. Participants will learn to assess, select, implement, and maintain appropriate controls for information systems and organizations. The course covers control families, assessment procedures, and tailoring baselines to organizational needs.

Learning Objectives

- Understand the structure and purpose of NIST 800-53 security and privacy controls
- Learn to assess and select appropriate controls for various information systems
- Gain practical skills in implementing and maintaining NIST 800-53 controls
- Develop strategies for tailoring control baselines to organizational requirements
- Understand the process of continuous monitoring and improvement of controls

Course Modules

Day 1: Introduction to NIST 800-53

- Overview of NIST 800-53 framework
- Control families and structure
- Risk management framework integration
- Control selection process

Day 2: Security Control Implementation

- Access control and authentication
- System and communications protection
- Audit and accountability
- Configuration management

Day 3: Privacy Control Implementation

- Privacy control families
- Data minimization and retention
- Individual participation and redress
- Privacy impact assessments

Day 4: Assessment and Authorization

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- Control assessment procedures
- Security assessment reports
- Plan of action and milestones
- Continuous monitoring strategies

Day 5: Tailoring and Advanced Topics

- Tailoring control baselines
- Hybrid and common controls
- Supply chain risk management
- Emerging trends and future directions

Practical Wins for Participants

- Ability to assess and select appropriate NIST 800-53 controls for their organization
- Hands-on experience implementing key security and privacy controls
- Skills to develop and maintain a continuous monitoring program
- Strategies for tailoring control baselines to specific organizational needs

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