Certified NIST Cybersecurity Consultant Training

Duration: **4 Day**

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Overview

This four-day course uses the NIST Cybersecurity Framework, and NIST v2 cybersecurity standards, enabling participants to strengthen organisational resilience and compliance. Learners will explore core NIST publications, including NIST SP 800-12 for security fundamentals, NIST SP 800-53 for implementing controls, NIST SP 800-171 for safeguarding Controlled Unclassified Information, and the NIST Risk Management Framework. The course also examines the NIST Cybersecurity Framework's 2.0 core functions, Govern, Identify, Protect, Detect, Respond, and Recover, helping participants apply these principles to improve cybersecurity posture. With practical exercises, real-world examples, and exam preparation, this programme equips professionals to design, assess, and optimise cybersecurity strategies.

Prerequisites

Participants should have:

- A fundamental understanding of cybersecurity concepts, frameworks, and principles
- Familiarity with basic risk management concepts
- Awareness of common cybersecurity threats and mitigation approaches

Target audience

This course is designed for:

- Executives and directors overseeing cybersecurity programmes
- System administrators and network engineers seeking to align with NIST controls
- Professionals developing or implementing organisational cybersecurity programmes
- Advisors, governance, risk, audit, delivering compliance and security consultancy services
- Security specialists, analysts and investigators
- Cybersecurity practitioners seeking advanced knowledge of NIST standards

What You Will Learn

By the end of this course, learners will be able to:

- Explain the fundamental concepts of cybersecurity and their application in an organisational context
- Apply key NIST publications, including NIST SP 800-12, NIST SP 800-53, NIST SP 800-171, and the NIST Risk Management Framework, to improve compliance and resilience
- Evaluate and recommend security controls in line with NIST guidelines
- Provide guidance on risk assessment, mitigation, and incident management strategies
- Develop, document, and optimise a comprehensive System Security Plan
- Implement the NIST Cybersecurity Framework to build and maintain a robust security programme