

Implementing the NIST Cybersecurity Framework Using COBIT® + Exam

Duration: 1 Day **Course Code: COBINT**

Overview:

In 2013, US President Barack Obama issued Executive Order (EO) 13636, Improving Critical Infrastructure Cybersecurity, which called for the development of a voluntary risk-based cybersecurity framework that is "prioritized, flexible, repeatable, performance-based, and cost-effective." The Cybersecurity Framework (CSF) was developed through an international partnership of small and large organizations, including owners and operators of the nation's critical infrastructure, with leadership by the National Institute of Standards and Technology (NIST). ISACA participated in the CSF's development and helped embed key principles from the COBIT framework into the industry-led effort. As part of the knowledge, tools, and guidance provided through our Cybersecurity Nexus (CSX)™ program, ISACA has developed the Implementing NIST Cybersecurity Framework Using COBIT 2019 Course. This course is focused on the Cybersecurity Framework (CSF), its goals, implementation steps, and the ability to apply this information in an organization's environment. The course and exam are for individuals who have a basic understanding of both COBIT 5 and security concepts, and who are involved in improving and/or building the cybersecurity program for their enterprises.

Target Audience:

This course and exam are aimed at individuals who have a basic understanding of both COBIT 2019 and security concepts, and who are involved in improving the cybersecurity program for outside organizations of their own. IT Support Staff IT Consultants Key Business Users Senior (managers) IT Audit management

Objectives:

- Describe the key concepts of COBIT 2019 as taught in the COBIT Foundation course
- Identify the goals of the Cybersecurity Framework (CSF)
- Align company cybersecurity efforts to the CSF
- Identify each of the seven CSF implementation steps
- Apply and evaluate the implementation steps using COBIT 2019

Prerequisites:

This course and exam are aimed at individuals who have a basic understanding of both COBIT 2019 and security concepts, and who are involved in improving the cybersecurity program for outside organizations of their own. The following are prerequisites:

- Successful completion and passage of the COBIT 2019 Foundation exam
- Basic Knowledge of COBIT
- Basic knowledge of security concepts

Testing and Certification

The exam will be an online proctored exam, administered through ISACA and/or accredited training organizations. The exam format will include:

- 50 questions
- Multiple choice
- 90 minutes
- One correct answer for each question, using four choices (A, B, C or D)
- Pass rate is 65%, or 33/50 questions

Follow-on-Courses:

- COBF - COBIT® Foundation + exam

Content:

Day 1:	Module 5, Phase 1 - What are the drivers?	Phase 5 – How do we get there?
Module 1, Introduction	Prioritizing and scoping business mission, objectives, and priorities.	Implementing the action plan.
General introduction to the course and to the exam.	Module 5, Phase 2 – Where are they now?	Phases 6 – Did we get there?
Module 2, COBIT 2019 Review (Optional Section – removed if taught following the Foundation Course – not covered in exam)	Identifying assets and creating a current profile.	Phase 7 – How do we keep the momentum going?
Refresher on the basic concepts of COBIT 2019 Foundation	Day 2	Reviewing execution of action plan and assessing results.
Module 3, Overview to the Cybersecurity Framework	Phase 3 – Where do we want to be?	Summary
Introduction to the concepts in the NIST Cybersecurity Framework	Conducting a risk assessment and creating a target profile.	Content and learning objective review.
Module 4, CSF Structure	Phase 4 – What needs to be done?	
Describes the use of ISACA methodologies to implement guidance in the CSF chapter, "How to Use the Framework."	Determining, analyzing, and prioritizing gaps.	

Further Information:

For More information, or to book your course, please call us on 00 971 4 446 4987

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