

Implementing the NIST Cybersecurity (Framework using COBIT 2019) (2 days)

Course objectives

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.

At successful completion of this course, participants should expect to gain competencies in the following areas:

- Understand the objectives and content of the Cybersecurity Framework (CSF)
- Align with the CSF
- Understand the seven CSF implementation measures
- Apply and evaluate the implementation process using COBIT 19

The course includes:

- Course reference manual containing copy of course slides, support documents, quizzes and answers
- Course Certificate

Audience

The course is for individuals who have a basic understanding of both COBIT 2019 and security concepts, and who are involved in improving and/or building the cybersecurity program for their enterprises.

Prerequisite

While there are no formal prerequisites, all attendees are expected to have a basic understanding of Information and Cyber Security management.

Duration

This is a **two-day Implementing the NIST Cybersecurity** course. The course starts at **09:30** and runs until **16:30**.

Alternate timings can be arranged upon request. The course can be held on a **date that suits you**.

Location

Our Implementing the NIST Cybersecurity course will be delivered Online Remotely using online training platforms. It can also be run at our training venue near Liverpool Street (London) or any preferred location in the UK or Europe.

Implementing the NIST Cybersecurity Course Outline

Introduction

General introduction to the course.

COBIT 2019 Review

Refresher on the basic concepts of COBIT 2019 Foundation

Overview to the NIST Cybersecurity Framework

Introduction to the concepts in the NIST Cybersecurity Framework

Understand the seven CSF implementation measures

Prioritize and Scope

Orient

Create a Current Profile

Conduct a Risk Assessment

Create a Target Profile

Determine, Analyze and Prioritize Gaps

Implement Action Plan

Apply and evaluate the implementation process using COBIT 19

Describes the use of ISACA methodologies to implement CSF, "How to Use the Framework."

Phase 1 - What are the drivers?

Phase 2 – Where are they now?

Phase 3 – Where do we want to be?

Phase 4 – What needs to be done?

Phase 5 – How do we get there?

Phases 6 – Did we get there?

Phase 7 – How do we keep the momentum going?