Federal Risk Management Framework (RMF) 2.0 Implementation

DOD/IC Edition

Days: 4

Prerequisites: There are no specific prerequisites for this course. However, general computer user knowledge is assumed. Any additional experience having worked with forms and/or databases will be helpful.

Audience: It is intended to support risk management framework (RMF) assessment and accreditation.

Description: Federal Risk Management Framework (RMF) 2.0 Implementation, DoD/IC Edition, focuses on the Risk Management Framework prescribed by NIST Standards. This edition focuses on RMF as implemented within the Department of Defense (DoD) and Intelligence Communities (IC).

This course can also be used to aid in preparation for the ISC2 Certified Authorization Professional (CAP) exam, although it does not cover 100% of the CAP exam requirements. If your goal is primarily to prepare for the CAP Exam, you should use our course, Federal Risk Management Framework (RMF) 2.0 Implementation with CAP Exam Review.

This course is current as of March 2019. It was revised due to NIST producing new and updated publications over the preceding two years, including SP 800-37, rev. 2; SP-800-53, rev. 5; SP 800-160, V1 and V2; and SP 800-171, rev. 1 (among others). It was also revised due to additional DoD updates to DODI 8510.01. Downloadable ancillary materials include a study guide and a references and policies handout.

The printed courseware comes with a CD of reference materials including sample documents, NIST publications, and regulatory documents. Downloadable ancillary materials include a study guide and a references and policies handout. Instructors will also be given access to an exam with answer key.

OUTLINE:

CHAPTER 1: INTRODUCTION

- RMF overview
  DoD- and IC- Specific Guidelines
  Key concepts including assurance, assessment, authorization
  Security controls

CHAPTER 2: CYBERSECURITY POLICY REGULATIONS & FRAMEWORK

- Security laws, policy, and regulations
  DIACAP to RMF
  System Development Life Cycle (SLDC)

Documents for cyber security guidance

CHAPTER 3: RMF ROLES AND RESPONSIBILITIES

- Tasks and responsibilities for RMF roles

CHAPTER 4: RISK ANALYSIS PROCESS

- Overview of risk management
  Four-step risk management process
  Tasks breakdown
  Risk assessment reporting and options

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