BAI Information Security Consulting & Training

Risk Management Framework (RMF) Resource Center

1-800-RMF-1903 (763-1903)

www.rmf.org

RMF for DoD IT
Training Program Overview

Training Overview

The **Risk Management Framework (RMF) for DoD IT** training program provides students with a comprehensive working knowledge of RMF including DoD policies and procedures, along with the practical guidance needed to successfully implement them. The full four-day program consists of *RMF for DoD IT Fundamentals* (one day), followed by *RMF for DoD IT In Depth* (three days).

- **RMF for DoD IT Fundamentals** (Day 1) provides an overview of information security and risk management and proceeds to a high-level view of RMF for DoD IT. Discussion is centered on RMF for DoD IT policies, roles and responsibilities, along with key publications from DoD, the National Institute of Standards and Technology (NIST) and the Committee on National Security Systems (CNSS). The class includes high-level discussion of the RMF for DoD IT "life cycle", including security authorization (aka. certification and accreditation), along with the RMF documentation package and security controls.

- **RMF for DoD IT In-Depth** (Days 2-4) expands on these topics at a level of detail that enables practitioners to immediately apply the training to their daily work. Each student will gain an in depth knowledge of the relevant DoD, NIST and CNSS publications along with the practical guidance needed to implement them in the work environment. Each phase of the seven step RMF life cycle is covered in detail, as is each component of the corresponding documentation package. NIST Special Publication (SP) 800-53 Security Controls, along with corresponding assessment procedures, are covered in detail, as are CNSS Instruction 1253 "enhancements". Individual and group activities are used to reinforce key concepts.

Who should attend?

The **RMF for DoD IT** training program is suitable for DoD employees and contractors, as well as their supporting vendors and service providers. The full four-day program is recommended for most students. Managers and others who need only high-level knowledge of RMF have the option of attending just the **RMF for DoD IT Fundamentals** (one day).

How to register

RMF for DoD IT is offered on a regularly-scheduled basis in several classroom locations, as well as online using our Online Personal Classroom™ technology. For class schedule, registration and payment options, please visit register.rmf.org.

Group classes

If you have a group of 8 or more students, we can arrange a private group class, either at your site or through our Online Personal Classroom™, with substantial savings over "per student" registration. Please contact BAI at 1-800-RMF-1903 or e-mail rmf@rmf.org.

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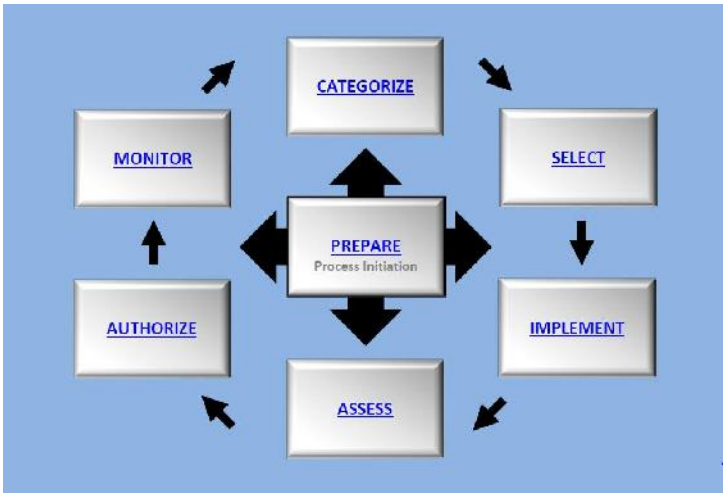
RMF for DoD IT Training Program Outline

RMF for DoD IT Fundamentals (Day 1)



- Getting Started
- Policy Background: FISMA, OMB A-130, NIST Publications (FIPS and SP), DoDI 8500.01, 8510.01
- Introduction to RMF
- Roles and Responsibilities
- RMF Life Cycle: Prepare, Categorize, Select, Implement, Assess, Authorize, Monitor
- RMF Documentation
- Security Controls and Assessment Procedures
- RMF Resources

RMF for DoD IT In Depth (Days 2-4)

INSTRUCTIONAL UNITS

- Getting Started
  - Course Information
  - DoD Primary Resources
- Step 1: Categorize
  - Categorize the System
  - Describe the System and Boundary
  - Conduct a Basic Risk Assessment
  - Register the System
- Step 2: Select
  - RMF Security Control Overview
  - Analyze Security Controls
  - Select the Control Baseline
  - Tailor the Control Baseline
  - Planning for Continuous Monitoring
- Step 3: Implement
  - Implement Control Solutions
  - Document Security Control Implementation
  - STIGs and Automated Tools
- Step 4: Assess
  - Identify Security Control Assessment Team
  - Prepare for the Security Assessment
  - Security Control Assessment Procedures
- Step 5: Authorize
  - Types of Authorizations
  - Authorization Decisions
  - Security Authorization Package
  - Documentation
- Step 6: Monitor
  - ISCM Strategy Considerations
  - Automated Tools
  - System Decommissioning and Removal
- Project Planning
  - Preparing for Success
  - System Acquisition
  - Knowledge Service

CLASS ACTIVITY HIGHLIGHTS

- Informal Risk Assessment
- Propose a Boundary
- Categorize the System
- Identify Security Control Requirements
- Allocate Security Controls
- Identify Applicable Overlays
- Write Justification Statements for Non-applicable Controls
- Propose Criteria and Frequencies for Continuous Monitoring
- Write Control Implementation Statements
- Identify Security Control Assessment Methods
- Transition Plan
  - Identify Stakeholders
  - Prepare for Project Kick-off Meeting
  - Prepare for Project Activities, Timelines and Participants

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RMF publications covered in this training program include: DoDI 8500.01, 8510.01; CNSSI 1253, FIPS 199, 200; NIST SP 800-18, 800-30, 800-37, 800-39, 800-53, 800-53A, 800-59, 800-60, 800-137 and more.

References to eMASS are included throughout these instructional units. More in-depth coverage of eMASS, including hands-on exercise, is available in our eMASS eSSENTIALS™ training program.