RMF Stage 6 - Monitoring Security Controls

Reading

1h

Status | Incomplete

Introduction

In this reading, you will learn about the next and last stage of the NIST RMF, *Monitoring Security Controls*, also known as *Monitor*, as shown in the diagram below:
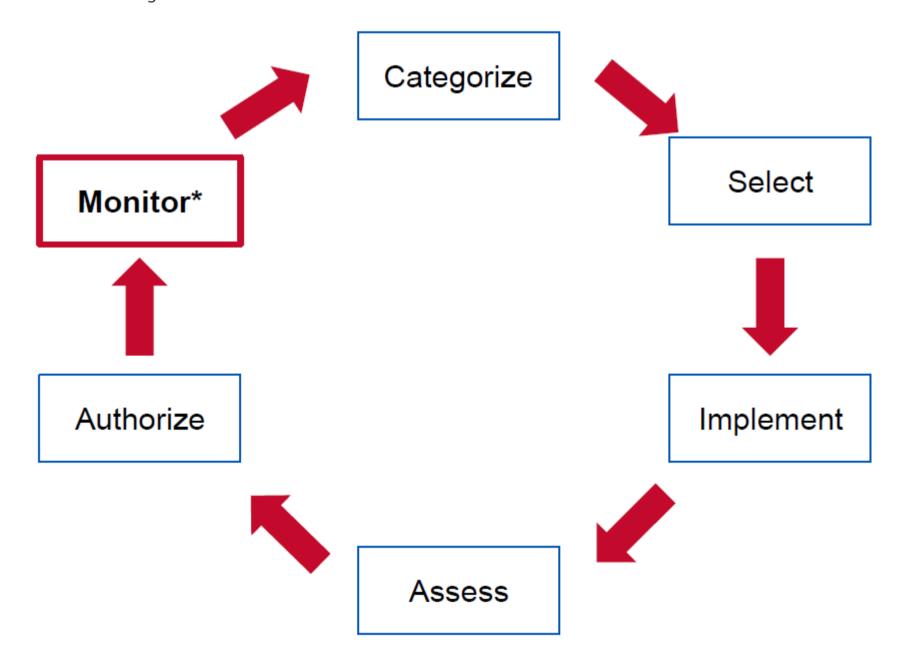

Figure 1: *RMF – Monitor. Source: NIST SP 800-37*

Reading

Monitoring Security Controls is the last stage of the NIST RMF. As described by NIST, this stage involves "monitoring the system and the associated controls on an ongoing basis to include assessing control effectiveness, documenting changes to the system and environment of operation, conducting Risk Assessments and impact analyses, and reporting the security and privacy posture of the system."

> ℹ️ **What is the Purpose of the Monitor Stage in the RMF?**
>
> The purpose of the Monitor step is to maintain an ongoing situational awareness about the security and privacy posture of the information system and the organization in support of Risk Management decisions.

There are six tasks that needs to be completed during the RMF stage:

1. Monitor information system and environment changes.
2. Assess ongoing security control assessments.
3. Conduct ongoing remediation actions.
4. Update the security plan, security assessment report, and plan of action and milestones.
5. Report security status.
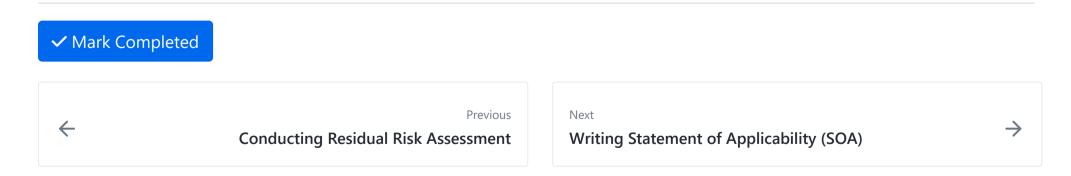6. Determine and accept ongoing risks.

> 👉 Read pages 38-42 of the *Guide for Applying the Risk Management Framework to Federal Information Systems* prepared by NIST to get an in-depth understanding of the tasks that need to be completed during the Monitor stage of the RMF.

As you dive deeper into the reading, focus on the following:

- Key roles in an SOC team that are responsible for each task during the Monitor stage
- What the key tasks in the Monitor stage are
- How each task is conducted
- How one task contributes to the next task in the Monitor stage

Conclusion

With this reading, you will have completed all six stages of the RMF. You will get an in-depth understanding of these stages in the upcoming lectures too. Next, you will review what an SOA is and how it is used as a part of the Risk Management process, as your next activity.

✓ Mark Completed

How well did this activity help you to understand the content?
Let us know how we're doing

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W05D1 📅
Mon Jul 22

> Lectures (1)

∨ Work (8)

7 hrs

</> Risk Management Methodology Document

📄 RMF Stage 4 – Assessing Controls (Part One)

📄 RMF Stage 4 – Assessing Controls (Part Two)

? GRC Quiz 2

📄 RMF Stage 5 - Authorizing Information Systems

</> Conducting Residual Risk Assessment

📄 RMF Stage 6 - Monitoring Security Controls

📄 Writing Statement of Applicability (SOA)

W05D1 Schedule »