Carnegie Mellon University
Software Engineering Institute

CERT-RMM VERSION 1.2 RELEASE NOTES

February 2016

February 26, 2016—The SEI's CERT Division has made version 1.2 of the CERT® Resilience Management Model (CERT®-RMM) available for download. The new version features numerous enhancements to improve readability and usability and to eliminate redundancies. These release notes describe some of the more significant changes to the model, including those that would affect appraisals.

Changes to GG2.GP8

The title of generic practice GG2.GP8 was changed to "Measure and Control the Process" in all process areas (RMM), and related changes were made in the practice text. The new title clarifies the association of GG2.GP8 primarily with measurement rather than monitoring.

The examples of process measures in GG2.GP8 were replaced with measures from Measures for Managing Operational Resilience, an PAs technical report. This report presents the results of an effort to carefully review the PA-specific goals and specific practices, and add, correct, combine, or eliminate measures as needed. All measures were edited to improve clarity and consistency and eliminate redundancy, separate compound measures, and eliminate measures of insufficient information value. The report can still be used as a supplement to the GG2.GP8 measures because it provides the following additional information for each measure:

- measure type (implementation, effectiveness, or process performance)
- whether the measure is base or derived
- mapping of the measure to applicable CERT-RMM specific goals and practices

Changes to the Communications Process Area

Structural and content changes were made in the Communications PA. SG2 was deleted and its content was merged with SG1.

Structure of COMM V1.1

Goals	Practices
COMM:SG1 Prepare for Resilience Communications	COMM:SG1.SP1 Identify Relevant Stakeholders COMM:SG1.SP2 Identify Communications Requirements COMM:SG1.SP3 Establish Communications Guidelines and Standards
COMM:SG2 Prepare for Communications Management	COMM:SG2.SP1 Establish a Resilience Communications Plan COMM:SG2.SP2 Establish a Resilience Communications Program COMM:SG2.SP3 Identify and Assign Plan Staff
COMM:SG3 Deliver Resilience Communications	COMM:SG3.SP1 Identify Communications Methods and Channels COMM:SG3.SP2 Establish and Maintain Communications Infrastructure
COMM:SG4 Improve Communications	COMM:SG4.SP1 Assess Communications Effectiveness COMM:SG4.SP2 Improve Communications

Structure of COMM V1.2

Goals	Practices
COMM:SG1 Prepare for Resilience Communications	COMM:SG1.SP1 Establish a Resilience Communications Plan COMM:SG1.SP2 Identify Communications Requirements COMM:SG1.SP3 Establish Communications Guidelines and Standards
COMM:SG2 Deliver Resilience Communications	COMM:SG2.SP1 Identify Communications Methods and Channels COMM:SG2.SP2 Establish and Maintain Communications Infrastructure COMM:SG2.SP3 Provide Resilience Communications
COMM:SG3 Improve Communications	COMM:SG3.SP1 Assess Communications Effectiveness COMM:SG3.SP2 Improve Communications

Changes to the Risk Management PA

Name and structural changes to goals and practices were made in the Risk Management process area.

Goal names changed

- RISK:SG3 and RISK:SG4 ("Risk" changed to "Risks")
- RISK:SG5 (changed from Mitigate and Control Risk to Address Risks)

Practice names changed

- RISK:SG4.SP1 and RISK:SG4.SP2 ("Risk" changed to "Risks")
- RISK:SG5.SP1 (changed from Develop Risk Mitigation Plans to Develop Risk Response Plans)
- RISK:SG5.SP2 (changed from Implement Risk Strategies to Implement Risk Strategies and Plans)

Other Changes to PAs

Changes to practice statements and subpractices were made in a number of process areas.

Practice statements changed

- AM:SG1.SP1
- EC:SG4.SP5
- RISK:SG3.SP2
- RISK:SG4.SP2
- SC:SG5.SP4
- TM:SG1.SP2

Subpractice deleted

- COMP:SG3.SP3 subpractice 1 (others were renumbered accordingly)

Subpractice added

- EXD:SG2.SP1 (added to the end; #6)

Definition of Resilience Requirement Changed

The definition of *resilience requirement* was changed and is mentioned here because of its significance in the model.

New definition

For an asset, a characteristic or capability that it must possess or a condition that it must meet to ensure that it remains viable and sustainable as needed to support a service. More generally, a need, expectation, or obligation that the organization establishes to ensure resilience.

V1.1 definition

A constraint that the organization places on the productive capability of an asset to ensure that it remains viable and sustainable when charged into production to support a service.

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