

6 Additional Information

6.1 Changes to Adopted OMG Specifications [optional]

This specification completely replaces the SACM 1.1 specification.

6.2 Acknowledgements

The following companies submitted this specification:

- MITRE Corporation
- Adelard LLP
- KDM Analytics
- Lockheed Martin
- Benchmark Consulting
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The following companies supported this specification:

- University of York
- Universidad Carlos III de Madrid
- Carnegie Mellon University

6.3 How to Proceed

The rest of this document contains the technical content of this specification.

Clause 7. Specification overview - Provides design rationale for the SACM Argumentation Metamodel specification.

Part 1 of the specification defines the normative common elements. This part includes three clauses. Material in this part of the specification is related to all compliance points.

Clause 8. SACM Base classes define the common base classes of the Structured Assurance Case Metamodel.

Clause 9. SACM Packages define the common packages of the Structured Assurance Case Metamodel.

Clause 10. SACM Terminology defines the common terminology classes of the Structured Assurance Case Metamodel.

Part 2 of the specification defines the SACM Argumentation metamodel. The Argumentation Metamodel defines the catalog of elements for constructing and interchanging structured statements describing argumentations. Material in this part of the specification is related to the Assurance Case and Argumentation compliance points, and is not required for the Evidence Container compliance point. This part includes a single clause. The non-normative Annex B contains some examples of the SACM XML interchange format for Argumentation, and describes how SACM Argumentation is related to existing graphical notations for describing structured arguments, such as the Goal Structuring Notation (GSN) and the Claims-ArgumentsEvidence (CAE) notation.

Clause 11. The SACM Argumentation Metamodel - Provides the details of the Argumentation Metamodel specification.

Part 3 of the specification defines the SACM Artifact Metamodel. The Artifact Metamodel defines the catalog of elements for constructing and interchanging precise statements involved in evidence-related efforts. This part includes a single clause. Material in this part of the specification is related to the Assurance Case and the Evidence Container compliance points, and it is not required for the Argumentation compliance point.

Clause 12 defines the key elements of the Artifact Metamodel.