

SIP-038 — Nonduplication of Existing Capabilities

[Go to Annex C: Requirements](#)

Statement

The proposed [Reference Architecture](#) SHALL NOT redefine or duplicate capabilities standardized by existing OMG information-exchange, [Interoperability](#), or [semantic-Federation](#) specifications.

Rationale

Redefining or duplicating standardized capabilities creates overlapping responsibilities, inconsistent terminology, competing conformance requirements, and potential incompatibilities among OMG specifications.

The proposed Reference Architecture should reference, reuse, or define integration points with existing capabilities while limiting its normative scope to architectural Governance, structural abstraction, and the relationships required to coordinate those concerns.

Evaluation Criteria

A conforming Submission demonstrates that:

1. Relevant existing OMG specifications and their capabilities are identified
2. The proposed Reference Architecture does not redefine capabilities within the established scope of those specifications
3. Functionally equivalent capabilities are not introduced under different names
4. Referenced capabilities retain their meanings and normative ownership
5. Dependencies on existing capabilities are explicitly identified
6. Integration points or mappings are used where interaction with an existing capability is required
7. Any proposed new capability is shown to address an architectural need not already standardized by an applicable OMG specification

Referenced By

- [5.1.4 Reuse](#)
- [5.1.5 Changes to Existing Specifications](#)
- [6.3.2 Complementarity with Exchange and Semantic Federation Specifications](#)
- [GPR-008 — Required Changes and Extensions to Existing OMG Specifications](#)

Notes for Editors

SIP-026 prohibits replacing, superseding, or modifying existing OMG specifications. SIP-034 protects existing transport, information-exchange, message-exchange, and message-layer constructs. SIP-038 prohibits functional duplication across existing information-exchange, Interoperability, and semantic-Federation specifications.

Use the following syntax to include the authoritative Statement on another wiki page:

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{{section>public:00-sip-ra:99-annexes:annex-c-requirements:sip-038-nonduplication-of-existing-capabilities#Statement&noheader&nofooter&noeditbtn}}
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