

SIP-051 — Flow and Interface Description

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Statement

The Submission SHALL describe the structured information flows, attachment points, [Interface Contracts](#), and information-flow segmentation mechanisms defined by the proposed [Reference Architecture](#).

Rationale

Structured information moves between architectural elements through defined attachment points and governed Interface Contracts. A complete description of these constructs enables reviewers and implementers to understand how information enters, moves through, and exits the architecture.

The description must also identify how Governance and security constraints segment information flows. This supports controlled interaction across organizational, jurisdictional, implementation, and security boundaries.

Evaluation Criteria

A conforming Submission demonstrates that:

1. Structured information-flow constructs are identified and described
2. The sources and destinations of applicable information flows are identified
3. Attachment points associated with architectural elements are described
4. Ingress and egress responsibilities are assigned to applicable attachment points
5. Interface Contracts governing exchange across attachment points are identified
6. Information governed by each Interface Contract is described
7. Applicable Governance and security constraints are identified
8. Information-flow segmentation mechanisms are described
9. Relationships among flows, attachment points, Interface Contracts, boundaries, and segmentation mechanisms are represented
10. The description is consistent with the normative architectural model

Required Coverage

The description includes the architectural information governed by:

1. [SIP-005 — Structured Information Flow](#)
2. [SIP-007 — Structured Information Attachment Points](#)

3. [SIP-008 — Information Boundary Constructs](#)
4. [SIP-009 — Version-Controlled Interface Contracts](#)
5. [SIP-018 — Information-Flow Segmentation](#)
6. [SIP-020 — Governance Constraints and Interface Contracts](#)

Referenced By

- [6.4.4 Flow and Interface Definition](#)

Notes for Editors

SIP-051 governs the required flow-and-interface description. The requirements listed under Required Coverage govern the underlying architectural constructs, relationships, and controls.

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-051-flow-and-interface-description#Statement&noheader&nofooter&noeditbtn}}
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