

SIP-044 — Structured Architectural Description

[Go to Annex C: Requirements](#)

Statement

The Submission SHALL include a structured architectural description of the proposed [Reference Architecture](#).

Rationale

A structured architectural description provides an organized and reviewable account of the proposed Reference Architecture. It enables evaluators to identify the architectural elements, responsibilities, relationships, interactions, information flows, boundaries, and [Governance](#) abstractions the Submission defines.

The description integrates the architectural information required by other requirements without duplicating their authoritative Statements.

Evaluation Criteria

A conforming Submission demonstrates that:

1. A structured architectural description is included
2. Architectural elements and their responsibilities are identified
3. Relationships among architectural elements are described
4. Interaction constructs and attachment points are represented
5. Ordered processing flows and boundary constructs are described
6. The separation between the data plane and the control plane is explained
7. Governance constraints are distinguished from Interface Contracts
8. Architectural terminology is used consistently across models and supporting text
9. Required architectural information can be located and evaluated

Required Coverage

The architectural description includes the information governed by:

1. [SIP-003 — Reference Architecture Constituents](#)
2. [SIP-005 — Structured Information Flow](#)
3. [SIP-006 — Ordered Modular Processing Flows](#)

4. [SIP-007 — Structured Information Attachment Points](#)
5. [SIP-008 — Information Boundary Constructs](#)
6. [SIP-019 — Data Plane and Control Plane Separation](#)
7. [SIP-020 — Governance Constraints and Interface Contracts](#)

Referenced By

- [6.4.1 Architectural Description](#)

Notes for Editors

SIP-044 governs the architectural-description deliverable. The requirements listed under Required Coverage govern the architectural information that the description must contain.

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-044-structured-architectural-description#Statement&noheader&nofooter&noeditbtn}}
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