AIP documentation

Use this documentation to choose an AIP integration path, implement it, operate a deployment, and judge the evidence behind the behavior you depend on. It is written primarily for application developers, with focused paths for connector dev

SECTION	Start Here
TYPE	Documentation overview
PROTOCOL	AIP 1.0
SOURCE	docs/README.md

AIP defines signed envelopes, capability discovery, session and action lifecycles, approvals, transactions, delegation, streaming, and audit. Existing systems integrate through compatibility profiles and product connectors rather than changing the AIP semantic core.

These pages cover AIP 1.0. Implementation material applies to version `1.0.0` of the Rust workspace at the source revision recorded in page metadata. The implementation is under active qualification. An implemented feature or a passing deterministic test does not by itself qualify a particular deployment for production.

Choose a starting path

Goal	Start here	Continue with
Understand the protocol before installing anything	What AIP is	How AIP works
Install AIP and make a first local call	Install AIP	Quickstart
Integrate an application	Profiles, transports, and connectors	Use native AIP, use the Rust SDK, use AIP through MCP, or use AIP through A2A
Connect an external product or service	Connector index	Build a connector
Deploy and operate AIP	Production deployment	Observe and recover and operator runbooks
Review trust and safety boundaries	Identity and trust	Security model
Implement or evaluate the protocol	AIP 1.0 specification	JSON schemas and conformance and qualification

Choose an integration surface

Surface	Use it when	Canonical guidance
Native AIP	The integration needs the complete AIP message and lifecycle model	Use native AIP
Rust SDK	A Rust application needs AIP types and APIs directly	Use the Rust SDK
MCP profile	An existing MCP client needs an AIP-backed tool surface	Use AIP through MCP
A2A profile	An existing A2A client needs AIP-backed task compatibility	Use AIP through A2A
Product connector	The integration maps an existing product API without adding product code to the protocol core	Connector index

Read status claims correctly

Claim	What it establishes	Where to verify it
Normative	AIP 1.0 requires the behavior	AIP 1.0 specification and JSON schemas
Implemented	The selected source revision contains the behavior	Implementation status
Conformant	The implementation passed a declared protocol test scope	Conformance and qualification
Qualified	An exact artifact passed a declared topology and procedure	Testing and evidence index
Live verified	A bounded behavior was observed against an identified external system	Live product end-to-end evidence

These claim levels are not interchangeable. In particular, protocol version, source availability, and deterministic test results do not establish the production readiness of an unqualified deployment.

Find exact details

Use the navigation menu to browse by task or subject. Use documentation search for exact routes, capability IDs, configuration names, error codes, connector names, and protocol terms. Filter results by section, document type, surface, or source class when the result set is broad.

For an unfamiliar term, start with the glossary. For an operation or deployment failure, use errors and retry decisions before retrying state-changing work.

When two pages appear to disagree, use this source order:

1. the versioned AIP specification;
2. the versioned JSON schemas and applicable

compatibility-profile contracts;

3. conformance fixtures for the selected version;
4. the selected implementation revision and its validation rules;
5. task guides and examples.

Report a mismatch through the documentation contribution process as a documentation or conformance defect. Treat wire behavior that the protocol does not define as a defect unless a defined extension point permits it.

Recommended first path

If AIP is new to you, read What AIP is, then install AIP, complete the quickstart, and finish with How AIP works.

Related pages

- AIP 1.0 specification
- Connector index
- Implementation status
- Glossary