

From agent-visible to agent-actionable

Dylan Hobbs

Author of KYA-OS

Zurich, September 2026

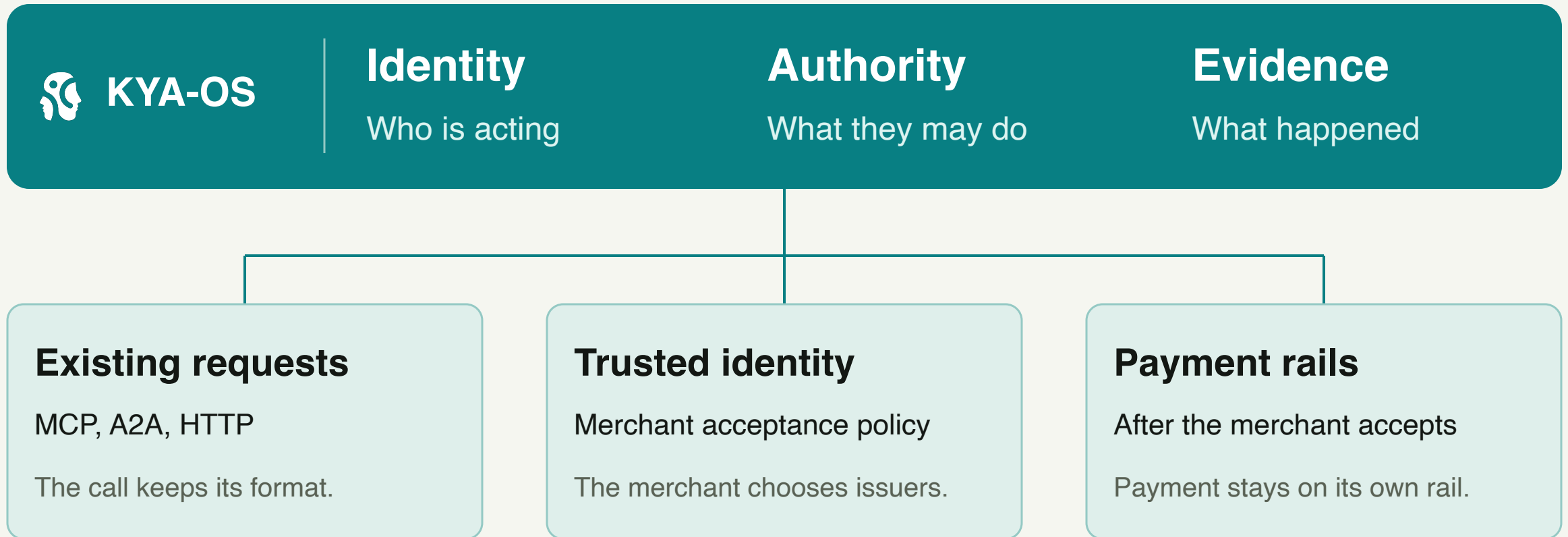
DETERMINISTIC

VS

PROBABILISTIC

One envelope, any rail.

You built the rails. We built what rides on them.



Agnostic by design.

Common primitives. Your choice of stack.

Model agnostic

Your model and agent runtime

Protocol agnostic

Common primitives, separate bindings

Issuer agnostic

Your accepted identity providers

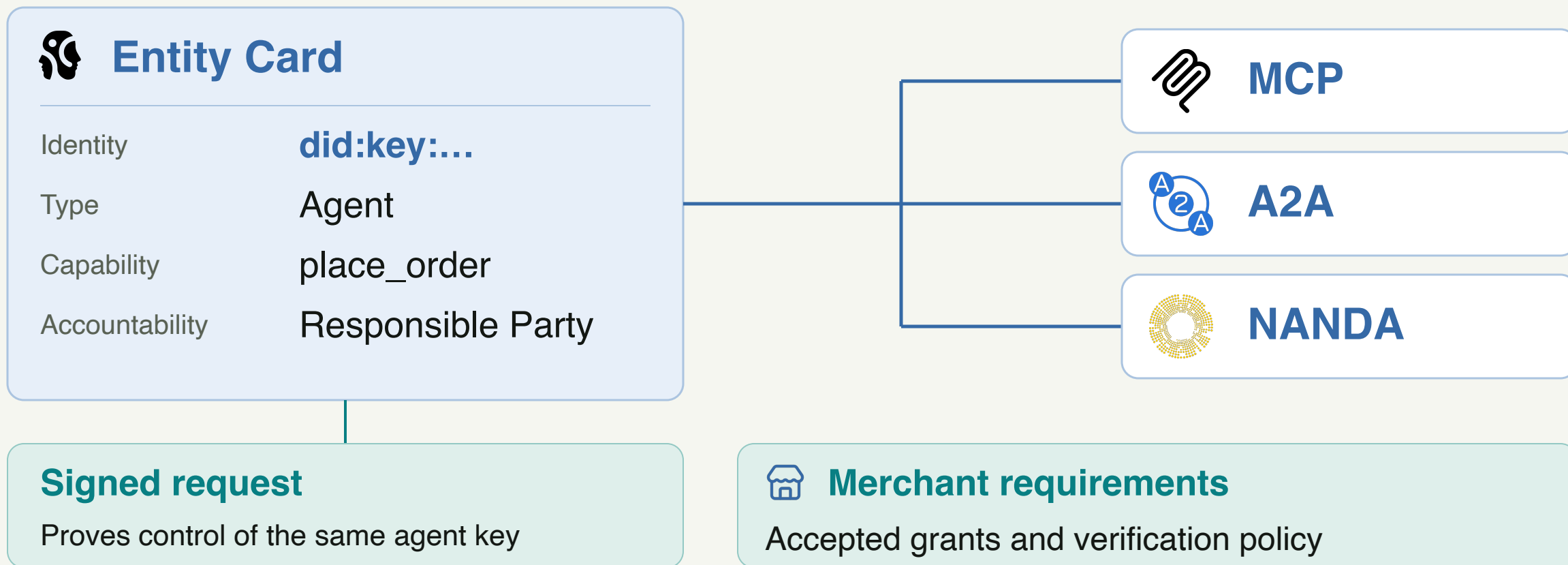
Payment agnostic

Your existing payment rails

MCP is the first shipped binding.

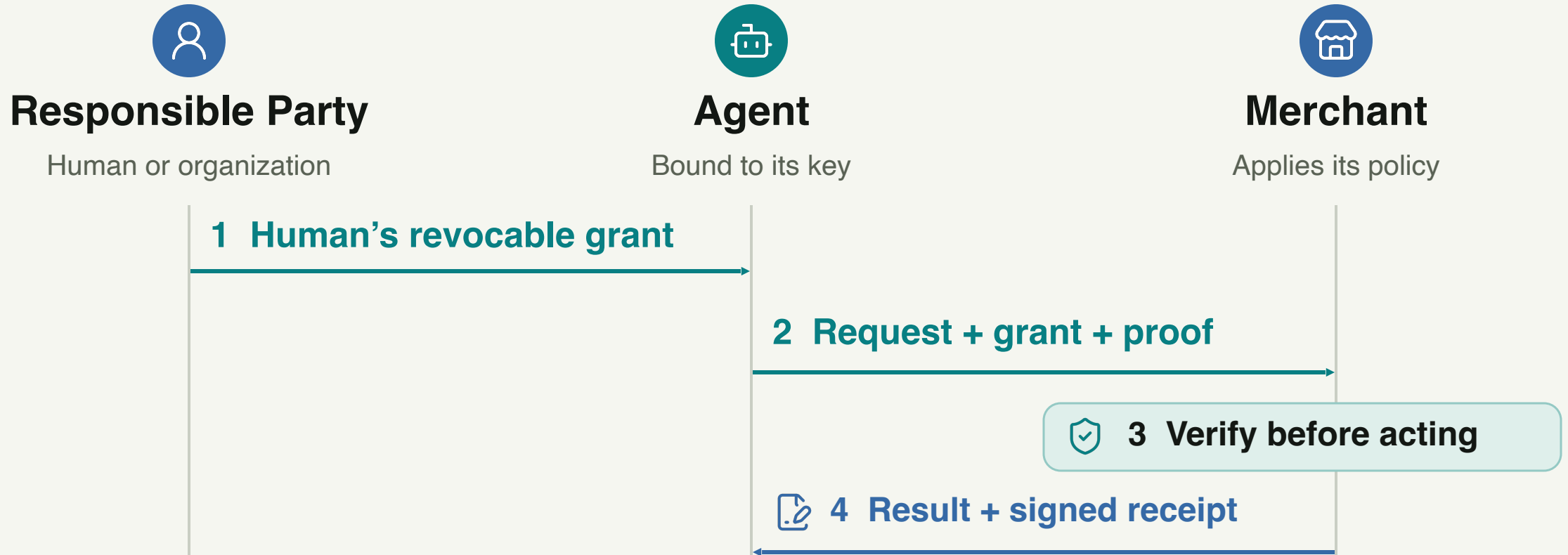
Interoperable discovery.

Discover the agent. Discover what the merchant accepts.



How the protocol works.

One authorized request



DIDs identify. VCs delegate. Signatures bind the exchange.

A human's permission has limits. Those limits should survive every system the agent crosses.



One grant.

Revocable. Checked on every request.

[Live with Claude Code](#)

PERMISSION PREVIEW

Granted by



Dylan Hobbs

Granted to



Shopping Agent



Order Risotto Rice with Mushrooms



at Dal Giardino only



Up to CHF 50

per order



48 hours

from approval



Signed by the Responsible Party (Dylan)



Status checked before every order

Credential details

IDENTITY

Issuer did:webvh:...

Agent did:webvh:...

AUTHORITY

Action commerce.order

Audience merchant DID

GTIN 09506000134352

SIGNATURE & STATUS

Ed25519Signature2020

StatusList2021Entry

Each request also carries the agent's signature, timestamp and nonce.

Bring one merchant action.

Let's define a shared authorization profile.

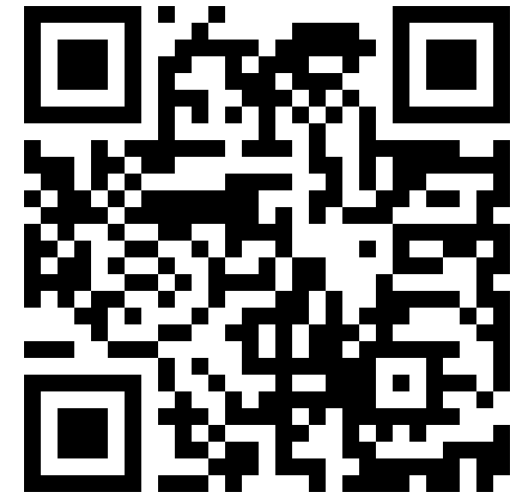
Test it across implementations.

We'll bring the reference implementation and test vectors.

14:00 breakout pitches

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Explore KYA-OS

builders.kya-os.org/rails
kya-os.org