

DISPATCH @ IETF 125

Shenzhen · November 2025

Verifiable Agent Conversation Records

draft-birkholz-verifiable-agent-conversations

Authors

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PRESENTER

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Requested time: 10 minutes

Motivation: The Problem

"Agent says it did X. Did it really?"

- 1 **Agent conversation logs are proprietary, vendor-specific**
- 2 **Emerging regulation requires provenance and authenticity of agent behavior**
(EU AI Act, PCI DSS, SOC 2, FedRAMP, NIS2, ISO 42001...)
- 3 **Machine-to-machine agent interactions are growing faster than human oversight**

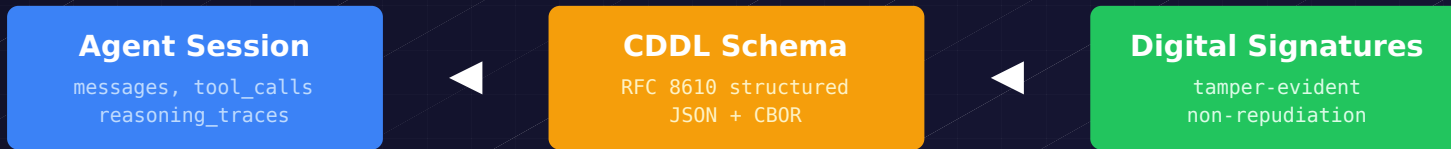
Gap:

No IETF standard for verifiable, cross-vendor agent conversation records

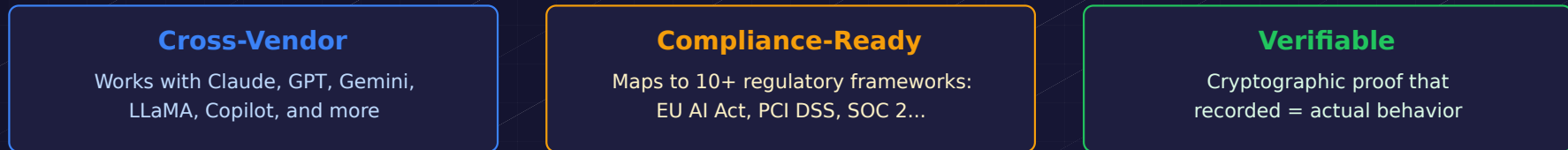
Background: Proposed Solution

This draft defines:

A standardized, cryptographically verifiable format for agent conversation records



IETF Building Blocks: RFC 8610 (CDDL) · RFC 8949 (CBOR)



Internet-Draft: <https://datatracker.ietf.org/doc/draft-birkholz-verifiable-agent-conversations/>

Implementation: github.com/xor-hardener/draft-birkholz-verifiable-agent-conversations

Hoped Dispatching Outcome

Find a home for this work in the IETF

Possible outcomes:

Option A: Narrow Working Group (preferred)

Focused WG for verifiable agent conversation records

Option B: VCON WG

Adopt into existing VCON WG

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