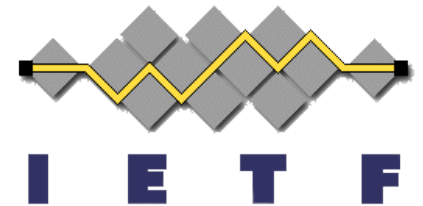


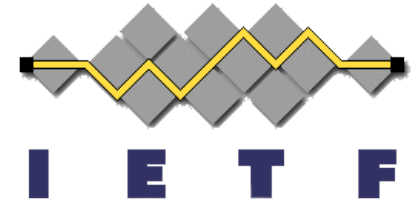
Traceability Claims

draft-prorock-spice-cwt-traceability-claims

Mike Jones, Mike Prorock, Brent Zundel
IETF 125, Shenzhen
March 18, 2026

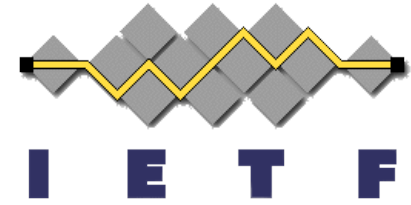


Abstract



“This document defines claims to support traceability of physical goods across supply chains, focusing on items such as bills of lading, transport modes, and container manifests. These claims standardize the encoding of essential logistics and transport metadata, facilitating enhanced transparency and accountability in global supply chains. These claims are registered for use in both CBOR Web Tokens (CWTs) and JSON Web Tokens (JWTs).”

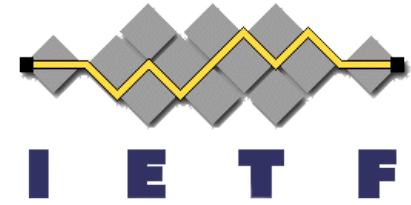
Developments Since IETF 124, Montreal



- Call for adoption held January 8-20, 2026
- Adoption result from chair Heather Flanagan:

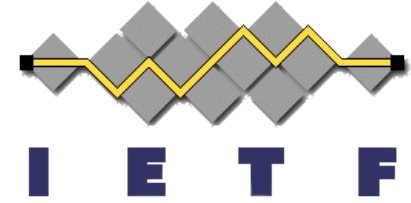
“There is solid support for this draft, but Rohan raises some good points that the chairs agree with. We'd like to see one more round that provides the group a bit more guidance on the scope and direction of the draft. We can also discuss further at IETF 125.”

Adoption Feedback



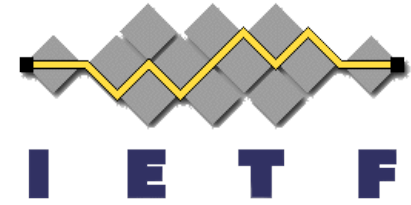
- Rohan Mahy: “How will WG know we are done with this document?”
 - I’d suggested that the existence of multiple interoperable implementations would be a good indication the spec is meeting a marketplace need.
- Ori Steele: Expressed a desire to have people from multiple organizations who are experts in the space work on the draft
 - Who needs this draft and wants to contribute to it?

Recent Observations from Rohan



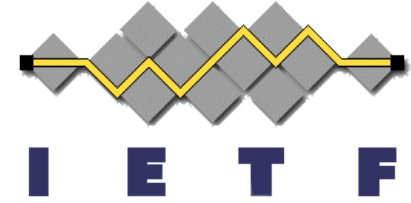
- Many document types could be applicable to
 - Waybill
 - Packing List
 - Commercial Invoice
 - Import Customs Declaration
 - Export Customs Declaration
 - Manifest
 - Reception document / Bill of Lading
 - Insurance Certificate
 - Donation Certificate
 - Certificate of Origin
 - ...

More Observations from Rohan



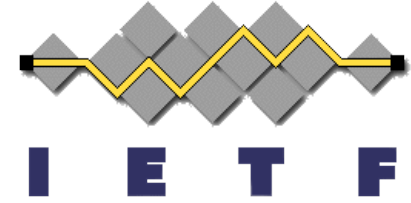
- Many shipping/trade practices/standards to draw from
 - Standard quantities
 - Hazardous material codes
 - Harmonized System (HS) numbers
 - International Commercial Terms (Incoterms)
 - Sector-specific standards
 - Medical
 - Agricultural
 - ...
 - ...

Observations on Scope



- There's a *whole lot more* we could do
- What we actually do should be informed by the needs of parties who want to implement

Next Steps



- Determine set of people interested in using the draft
 - And ideally, who also want to contribute to it
- Apply their feedback and iterate