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# Perspectives: Scope & Terminology

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# Perspectives

- Use cases cover a diverse range of needs
  - Are the identified use cases well described?
- Broad set of stakeholders
  - Most new to, or not currently active in, the IETF
- Many use cases appear to share a set of common requirements
  - Have the key requirements been identified?
- Do unique requirements preclude a common solution?
  - Or can these requirements be handled via profiles of a common solution?

# Perspectives

- One standard for all uses  $\leftrightarrow$  Standard per distinct use
- Protecting physical assets is distinctly different from protecting digital ones
  - E.g., discovery, binding, etc.
  - Distinct enough to preclude a common solution?
- Lots of building blocks already available
  - SPICE, WIMSE, COSE, JOSE, SCIM, DRIP, RATS
  - WG to coordinate use of other protocols?
- Potential solutions require associating an identity/identifier with the protected asset

# Terminology

- Consensus on approach(es) to the problem(s) requires everyone to be speaking the same language
- Some terms seem to be readily agreed upon
  - **Issuer** - The entity that has created a digital emblem
  - **Asset** - A person, place, or thing that is designated as having certain legal protections
  - **Validator** - An entity performing validation of a digital emblem
- Digital emblem?
  - The answer may determine the creation of 0, 1, or 2 WGs
- Other necessary terminology?

# Terminology - Digital Emblem

- A Digital Emblem
  - is a set of attributes that are linked to a digital asset.
  - is a mechanism to verifiably signal attributes of an asset. The meaning of these attributes is codified in law or similar normative frameworks and they inform the recipient how they should treat the asset.
  - expresses attributes which signal legal information regarding an asset.
  - is a set of attributes associated with an asset that conveys protection of the asset under law.
- Or do we need distinction between protective and audit uses?