draft-moran-suit-mud

Delivering MUD info in SUIT

- Some new data in SUIT Manifests
- Some new data in EAT

Changes in SUIT

- Add MUD container in SUIT_Envelope

```
$$SUIT_Envelope_Extensions //=
  (suit-manifest-mud => bstr .cbor SUIT_MUD_container)
SUIT_MUD_container = {
    ? suit-mud-url => #6.32(tstr),
    ? suit-mud-ski => SUIT_Digest,
    ? suit-mud-file => bstr
}
```

- Add integrity protection of MUD container in SUIT_Manifest

```
$$SUIT_Manifest_Extensions //= (suit-manifest-mud => SUIT_Digest)
```

Changes in RATS (EAT)

- Report new fields:
  - Manifest canonical URI
  - Manifest digest

Workflow

- Device attests manifest digest, manifest URI, software digest(s), config digest(s)
- MUD manager:
  - obtains attestation report
  - retrieves canonical manifest
    - Manifest authenticity verified
  - validates attestation report against manifest/CoSWID
  - manager (fetches and) applies MUD file