draft-ietf-suit-report-05
ietf116
March 2023
Summary

• Added proposal for CoAP content type
• Added proposal for embedding in EAT
• Expanded IANA Considerations
• Expanded Security Considerations
CoAP content type

• This document is expected to be transmitted by a Manifest Processor
• This is likely to be done over CoAP or a similar communications medium
• Alternatively, it may be embedded within EAT
• This suggests that a CoAP content type would be helpful
Embedding SUIT Reports in EAT

• The SUIT Report is a form of software measurement
• Therefore, the SUIT Report can be embedded in an EAT mesres object, provided that it has a CoAP content type
IANA Considerations

• Requested:
  • CBOR Tag & CoAP content-type for SUIT-Report
  • CBOR Tag & CoAP content-type for SUIT-Reference
  • A table on the SUIT page for Capability Report extensions
Security Considerations

• SUIT Reports:
  • MUST be authenticated
  • MAY need to be confidentiality protected

• Guidance is provided recommending a secure transport or a COSE message.

• In certain circumstances, both the SUIT Report and the EAT token may need to be (separately) encrypted even if the SUIT Report is included within the EAT token (Principle of Least Privilege).