Concise Software Identifiers

draft-ietf-sacm-coswid-08

IETF 103, SACM WG
Preparation for WGLC

• Remaining issue: #6 Representation of Media
• was: a text value with a semantic that is a tad bit more complex than a type-choice: "EXPRESSION [[OPERATOR] [EXPRESSION] ... ]", where EXPRESSION can be a simple type-choice.... or ... "([PREFIX-]ENVIRONMENT.ATTRIBUTE:VALUE)"
• is now CDDL
Representation of Media in CDDL

```plaintext
media = (10: [ + [ media-expression,
    ? [ media-operation,
        media-expression,
    ]
    ]
})
media-operation = text
media-expression = media-environment / [ media-prefix,
    media-environment,
    media-attribute,
    media-value,
]
media-prefix = text
media-environment = text
media-attribute = text
media-value = text
```
Added IANA Considerations

- SWID/CoSWID Version Schema Values Registry
- SWID/CoSWID Entity Role Values Registry
  - e.g. tagCreator, softwareCreator
- SWID/CoSWID Link Use Values Registry
  - e.g. required, recommended
- Media Type Registration
  - swid+cbor
- CoAP Content-Format Registration
  - Index for application/swid+cbor
- CBOR Tag Registration
  - 1398229316, map, Concise Software Identifier (CoSWID)
Final version this year

• WGLC start via list
• Questions, comments?