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

```
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?