Summary

• No functional modification from v02 in IETF116

• Added SUIT Manifest examples
• Sophisticating document based on Reviews
• Going to add use case section

• In WGLC
3 Manifest Examples (1/3)

1. Key Delegation Chain
   • The Author delegates an entity to sign a Manifest
   • for those Devices who trust only Author’s public key
   • by generating CWT with entity’s public key signed by Author

```
/ NOTE: Signed by Author and wrapped in CWT /
{
  / cnf / 8: {
    / NOTE: public key of delegated authority /
    / COSE_Key / 1: {
      / kty / 1: 2 / EC2 /,
      / crv / -1: 1 / P-256 /,
      / x / -2: h'0E908AA8F066DB1F084E0C3652C63952BD99F2A5BDB22F9E01367AAD03ABA68B',
      / y / -3: h'77DA1BD8AC4F0CB490BA210648BF79AB164D49AD3551D71D314B2749EE42D29A'
    }
  }
```

2. Process Dependency

• A dependent Manifest refers dependency Manifest
• identifying with the digest of dependency
• As an example, this example depends on delegation Manifest

```
/directive-set-component-index / 12, 1 / dependency manifest ,
/directive-override-parameters / 20, {
    /parameter-image-digest / 3: << [ 
        /digest-algorithm-id: / -16 / SHA256 /,
        /digest-bytes: /
        h'6EA128D7BB19B86F77C4227F2A29F22026A41958ACC45CC0A35BA388B13E2F51'
    ] >>
},
/condition-dependency-integrity / 7, 15,
/directive-process-dependency / 11, 0,
```
3. Integrated Dependency
   • Composite two Manifest into one Manifest

/ NOTE: Example 0 /
"#dependent.suit":

h'D86BA301589E8181589AD28443A10126A0584FA108A101A4010220012158200E
908AA8F066DB1F084E0C3652C63952BD99F2A5BDB22F9E01367AAD03ABA68B22
582077DA1BD8AC4F0CB490BA210648BF79AB164D49AD3551D71D314B2749EE42
D29A5840FB2D5ACF66B9C8573CE92E13BF8D113F798715CC10B5A0010B11925
C155E7245A64E131073B87AC50CAC71650A21315B82D06CA2298CD1A95519AAE
4C4B5315025874835824822F58206EA128D7BB19B86F77C4227F2A29F22026A4
1958ACC45CC0A35BA388B13E2F51584AD28443A10126A0F6584099F949043701
Fixed A Lot

• Fixed inconsistent terminology
  • #6, #7, #9, #11, #12, #13, #14
  • Thanks to Dave’s review comments

• Fixed CDDL
  • #4, #10

• Fixed IANA Consideration
  • #8, #16
Going to add Use Case section

• Hannes raised this Issue
  • “I believe the document is missing text in the introduction to explain the use cases better. Interestingly, there is use case text in Section 6. I would move the three example use cases to the intro.”

• Brendan and I will do this soon
In WG Last Call

Reviews are welcome!