RFC8366bis

voucher
draft-ietf-anima-rfc8366bis

was ADOPTED: January 2022

Michael Richardson,
(+Kent Watsen, Qiufang Ma, Max Pritiken, Toerless Eckert)

IETF 116
ANIMA Working Group
RFC8366bis: The Plan from Before

1) get draft adopted (occurred Jan. 2022)
2) get agreement on whether are trying to get to Internet Standard now (or not)
3) revised document to include IANA maintained YANG module for enumerated registry
4) collect other voucher extensions into document? may conflict with (2)
What was the problem with What we Had Before

At First I Was Afraid I Was Petrified

- RFC8366 voucher
- augmented to
  - constrained voucher
- augmented to
  - constraned voucher-request

- RFC8995 voucher-request
- augmented to
  - constrained voucher-request

- constrained voucher
- constrained voucher-request
Then we made it worse: ANIMA-BRSKI-PRM

*Kept thinkin' I could never live without augment by my side*
What if we wanted constrained PRM?

And so you’re back, from outer space

- RFC8366 voucher
- RFC8995 voucher-request
- constrained voucher
- constrained voucher-request
- constrained prm voucher
- constrained prm voucher-request
- anima-brski-prm voucher
- anima-brski-prm voucher-request
- augment
- augment
- augment
- augment
- augment
- augment
How Augment Really Works

Go on now, go, augment out the door
CORE-SID situation worse

Weren’t you the one who tried to hurt me with CBOR?

RFC8366 voucher

RFC8995 voucher-request

anima-brski-prm voucher

anima-brski-prm voucher-request

constrained voucher

constrained voucher-request

constrained prm voucher

constrained prm voucher-request
CORE-SID – use sx:structure, no augment

Weren’t you the one who tried to hurt me with CBOR?
CORE-SID – use sx:structure, no augment

Weren’t you the one who tried to hurt me with CBOR?
CORE-SID – use sx:structure, no augment

Weren’t you the one who tried to hurt me with CBOR?
CORE-SID – use sx:structure, no augment

Weren’t you the one who tried to hurt me with CBOR?
CORE-SID – use sx:structure, no augment

Weren’t you the one who tried to hurt me with CBOR?
CORE-SID – use sx:structure, no augment

Weren’t you the one who tried to hurt me with CBOR?
collect other voucher extensions into one document

• Current state of draft-ietf-anima-rfc8366bis
• Pull Request not yet merged
• YANG removed from other documents
DISCUSSION

• Was there another path?

• Your IDEA HERE