RFC8366bis voucher

`draft-richardson-anima-rfc8366bis`

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ANIMA Working Group

RFC8366:
A Voucher Artifact for Bootstrapping Protocols

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derived by RFC8995 (voucher-request), constrained-voucher (voucher + voucher-request), brski-async-enroll, brski-cloud, delegated-voucher, and ??

RFC8366: the problem

While the bulk of the leafs are in a grouping, and can be added to or marked optional (i.e., removed)

The YANG enumerated types can not extended or modified without revising the YANG module entirely.
- BRSKI-async-enroll would like a new "assertion" type, as it does not fall into the three existing types.

RFC8366: proposed resolution

- make the enumerated part an IANA managed registry
- then we can use normal IANA Considerations to have it amended.
  - Can be used in BRSKI-async-enroll

- has no real affect on coders if they write their own code
- in some future, YANG modules might be subject to useful code generation, in which, using the latest YANG module gets one the right values

The work to do

- ~~turned XML into markdown~~

- ~~Used Martin Thompson Makefile~~

- ~~extracted YANG module to file, added rules to generate tree, and deal with YANG module versioning~~

- ~~compared resulting txt file to RFC8366, no other changes until WG -00 adopts this~~

- Revise document with changes proposed

- Ask for WG adoption

My plan

- get agreement that this work needs to be done
  - Unclear from WG if this is the case
- Chairs would like changes before adoption
- No time to get work done since IETF111

Discussion

- There may be other things that need to get updated/fixed in RFC8366.
  - https://github.com/anima-wg/voucher

- Unclear if we can go from PS → Internet Standard in same step.