

RFC8366bis voucher

draft-ietf-anima-rfc8366bis

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The RFC8366: 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.

RFC8366bis: solution summary

- 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 story so far

- ✓ 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
- ✓ WG adopted document

What's next

- Get additional review of YANG code
 - Switch to `sx:structure` (RFC8791) from `restconf`??
 - Belief that there are no wire-changes that result, only description
- Review text for things that are less true now, and could be clarified
- Look at things that have not undergone interoperability testing, are not necessary

Discussion

- Can we publish as Internet Standard?
- Would like to start monthly design team meetings in April
- Relationship to other documents that Extend RFC8366.