

LISP YANG Update

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Recap

For your convenience

Recap: Med's Comments

- Refresh all base LISP specs
- Add rationale to Intro. Motivate why different modules.
- Can identities be an IANA-maintained module?
- Geo-Coordinates: add Security Considerations due to sensitive data
- Geo-Coordinates: are RFC9179 grouping applicable?
- Suggestion to add 'discontinuity-time' to counters
- Fix some missing statements and inappropriate types in data nodes
- Editorial:
 - Add reference statements to modules
 - Move examples to appendix
 - Mention that modules are not maintained by IANA

Recap: Tom's Comments

- Abstract is a bit sparse
- Likes the choice of module names and prefixes 😊
- WG Web and BSD license reference are odd
- Switched from Enumeration to Identity
 - Enumeration has stronger change control
- IP addresses form includes a zone of indeterminate length
- Editorial:
 - References in YANG module must appear in I-D references
 - Reference clause for the revision should be to this document
 - Reference to lisp-lcaf should be RFCYYYY
 - Double spaced, XXX vs XXXX, typos, ...

Recap: Joe's Comments (Yangdoctors early review)

- Comments from last Yangdoctors review addressed 😊
- Review regex in ietf-lisp module
 - eid-id
 - E.g. is it ok if it starts with a ':' or a '-'?
 - locator-id (and hop-id in address-types)
 - String of 1-64 characters. Regex hints it could be zero or more of the character class
- Editorial:
 - Fix capitalization, punctuation, and inconsistent quoting.
 - 'pyang -f yang' normalization and editorial pass recommended.
 - Fix LISP RFCs reference syntax (URL vs RFC)
 - Update copyright years and text
 - Set revision dates when draft is finalized
- Plus: Provided feedback on open questions from Med's comments

Updates for -22

Model

- Added “must high \geq low” statement where applicable
 - (e.g. ports range)
- Added discontinuity-time to counters
- Added derived type for ids patterns, with regex and length
 - Also replaced regex `'[a-zA-Z0-9\-_\.\:]*`
w/ `'[a-zA-Z0-9][a-zA-Z0-9\-_\.\:]*`

Editorial

- Extended abstract and introduction
 - Added rationale on extending 'ietf-routing'
 - Motivated why different modules
- Added note that modules are not maintained by IANA
- Moved examples to Appendixes
- Provided context on why using current geo-coordinates model
- Added note on privacy implications for geo-coordinates to security considerations.

Refresh

- Clean up LCAF model
 - Added refs to RFC
 - Updated section numbers
 - Removed historic LCAF types
- Updated WG website and BSD license text
- Updated Copyright years and Revision date
- Removed references to experimental RFCs
 - Updated to Standards Track RFCs
- Updated references and author addresses

Nits

- IANA Considerations no longer double line spaced
- Normalized punctuation in descriptions
- Normalized prefixes “lcaf” and “lisp-at” into “lisp-at”
- Updated reference clause for the revision to “RFC XXXX”

Next Steps

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- Fix minor nits pending
- Notify previous reviewers
- Check pending reviews

- WGLC?