BABEL Charter

As currently on the wiki

Overview

The working group is will focus on what is needed to move the Babel protocol to IETF Proposed Standard with IETF review. Other documents which are relevant to such consideration can also be produced. Particular emphasis will be placed on work needed to meet the needs for Proposed Standards, such as ensuring manageability and strong security.

Work Item – Go to PS

- Produce a revision of RFC 6126 suitable for publication as a Proposed Standard, and work with the IESG for approval of same

  – incorporate in the revision developments since RFC 6126

  – resolve technical issues found by recent reviews and the working group discussions

  – include in the base specification the extensibility work in RFC 7557

  – consider any important changes based on experience with Babel to date. This may include discussion of issues such as the size of the default metric

Work Item - Security

- Address security needs for BABEL.

  - This may include using the techniques in RF 7298, or other alternatives.

  - This may be by inclusion in the base spec or by normative reference to a separate proposed standard specification.

  - This is required as part of moving Babel to Proposed Standard.

Work items – Applicability and Manageability

- Produce an applicability statement

  - for publication as an informational RFC.

  - This is highly desirable in conjunction with moving Babel to Proposed Standard.

- Address manageability of Babel

  - most likely by producing a YANG model for Babel consistent with other YANG models produced in the routing area.

  - This is required as part of moving Babel to Proposed Standard.

Optional Items

- The working group may choose to publish an informational RFC on implementation experience with Babel

  - so as to enable future readers to better understand the state that drives this work and the experience driving changes.

- The working group may choose to work on multicast aspects of Babel

  - once the initial focus on Proposed Standard is met.

Other

- Coordinate with other working groups as need.