RTGWG status update

IETF 95

Buenos Aires

New Info on RTGWG Wiki

- https://trac.tools.ietf.org/wg/rtgwg/trac/wiki
- How to progress a document in RTGWG
  - https://trac.tools.ietf.org/wg/rtgwg/trac/wiki/InCharterWork
  - Naming conventions
  - Routing Area Directorate review
  - When we ask authors to respond regarding IPR
  - Other information useful for first time authors and others
- User-generated content on wiki
  - https://trac.tools.ietf.org/wg/rtgwg/trac/wiki/ExampleOpenIssuesInDraftXYZ
- Ask chairs if you have questions
  - rtgwg-chairs@ietf.org

Document Shepherd (RFC 4858)

- RTGWG looking for volunteers
    - send email to rtgwg-chairs@ietf.org
- Shepherd helps Area Director progress a draft to publication
- After successful WG Last Call, Shepherd writes "Shepherd Write-Up"
- Also helps coordinate how authors and WG address issues with draft raised by AD and IESG.
- Shepherd should not be an author or editor of draft
- Shepherd learns what happens to drafts after WCLC

Micro-loop prevention drafts

- draft-ietf-rtgwg-spf-uloop-pb-statement
- draft-ietf-rtgwg-uloop-delay – latest draft incorporates feedback from implementations
- draft-ietf-rtgwg-backoff-algo – implementation feedback will be incorporated in next draft

Requirements for a Proposed Standard document (RFC 2026/7127)

- Implementations and operational experience are not required, but highly desirable.

- The IESG may require implementation and/or experience if potential impact is large.

- RTGWG doesn't add requirements to this.

- RTGWG doesn't have a hard requirement for implementations before advancing a document as Proposed Standard.

YANG models in RTGWG

- WG YANG model documents
  - draft-ietf-rtgwg-yang-key-chain *
  - draft-ietf-rtgwg-yang-rip
  - draft-ietf-rtgwg-policy-model
- Non-WG YANG models
  - draft-ietf-netmod-routing-cfg *
  - draft-acee-rtgwg-yang-rib-extend *
  - draft-hares-rtgwg-fb-rib *
  - draft-rtgyangdt-rtgwg-device-model *
  - draft-chen-rtgwg-qos-yang-01
  - draft-chen-rtgwg-resource-management-yang-01
  - draft-li-rtgwg-utunnel-yang-01
  - draft-liang-rtgwg-staticrt-yang-cfg-01
  - draft-liu-rtgwg-yang-vrrp-04
  - draft-openconfig-rtgwg-network-instance-01
- Looking forward to advice from Routing Area YANG design team on how to navigate potential changes related to opstate and schema mount.

Other WG drafts

- draft-ietf-rtgwg-dt-encap
  - Output of Encapsulation Design Team got useful review at WG adoption.
  - Could still use more review from WG.
- draft-ietf-rtgwg-rlfa-node-protection
  - Proceed to WGLC or park it.
- draft-ietf-rtgwg-bgp-pic
  - Do we want input to this draft from other implementations of BGP PIC?
- draft-ietf-rtgwg-ipfrr-ip-mib-08
  - WG consensus is to not progress this.

IPv6 multi-homing with provider-assigned addressing

- Homenet – original basis for RTGWG work

- v6ops – more general requirement for mid-range enterprise networks

- Simplified mechanism to pair default destination prefix with source prefix

- General mechanism to any destination prefix with source prefix

- Other use cases