

BGP YANG Model

draft-ietf-idr-bgp-model-15

Mahesh Jethanandani
Keyur Patel
Susan Hares
Jeffrey Haas



Status (-15)

- Securing BGP session
 - Updated TCP YANG model to add keychain/TCP-AO/TCP-MD5
 - Removed TCP-AO/MD5 from BGP model
 - Example updated in Appendix
- Cleanup
 - Order of type fields in an union (yes, it matters)
- Policy model rework
 - Match AFI/SAFI
 - Match neighbors
- Added example for BGP Policy
 - Match next-hop and set-community



Issues

- Tracked here
 - <https://github.com/mjethanandani/ietf-bgp-yang/issues>
- Major issue
 - ~~No as path regex (Issue #91)~~
 - Regular expression supported, but not normalized
 - Open a separate issue to track that
 - ~~Replace peer AS in the AS Path (Issue #70)~~
 - Similar to as-override
 - ext-community-sets (Issue #89)
 - have previously referenced issues with types
 - route-targets don't use any usable key words (types 0,1,2,6 with subtype of 2)
 - How is match supposed to work vs generated extended community



Next Steps

- 97% there
- Some cleanup, mostly editorial
 - Reference to the newly minted BFD YANG moduleß
- ~~Expect the model to be ready for publication by IETF 115~~
 - 7 years and counting since -00 was published

