

Comparison of Yang Modules from I2RS

Draft-hares-i2rs-bgp-compare-yang-00

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Status

- What: Comparison of Yang documents BGP Config and I2RS ephemeral status
- Tentative I2RS Plan as of Sept 30th:
Running = Config + I2RS-ephemeral
- The challenge: Align typedefs, groupings, and definitions I2RS ephemeral to allow this to occur

Comparison

- **Config/Status:** draft-zhdanking-netmod-bgp-cfg-01
- **I2RS:** draft-wang-i2rs-bgp-dm
- **Conclusion:** Little overlap (~5%) except definitions and route status
- so authors have navigated I2RS/Config split
- **draft-wang-i2rs-bgp-dm-00**
 - Satisfies all I2RS Requirements except BGP-REQ-18 that requests recomputation of local BGP tables.
 - Contains additional status and read/write configuration to satisfy the requirements in I2RS use cases (in-charter and beyond charter)
 - Changes some configurations variables will go from read to read/write
- **Recommendation:** merge the definition clauses, keep the drafts separate

Next Steps

- Authors of bgp yang drafts should harmonize their definitions/configurations