

Guidance for Managing YANG Modules in RFCs and IANA Registries

[draft-ietf-netmod-iana-yang-guidance-03](#)

NETMOD WG IETF 126, July 2026

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+ Amanda Baber & Sabrina Tanamal (IANA)
+ Sandy Ginoza (RFC Editor Staff)**

Reminder: Versioning Solution Overview

Solution Overview draft: [draft-ietf-netmod-yang-versioning-reqs-13](#)

Proposed full solution is made up of 7 drafts (at different levels of maturity):

- | | |
|----------------|--|
| Post WG | 1. Updated YANG Module Revision Handling (draft-ietf-netmod-yang-module-versioning-17) |
| | 2. Module semantic version number scheme (draft-ietf-netmod-yang-semver-27) |
| | 3. Yang module filename convention (draft-ietf-netmod-yang-module-filename-14) |
| Active WG Docs | 4. Guidance for IANA and RFC editor (draft-ietf-netmod-iana-yang-guidance-03) |
| | 5. Versioned YANG packages (draft-ietf-netmod-yang-packages-09) |
| | 6. YANG schema comparison tooling (draft-ietf-netmod-yang-schema-comparison-09) |
| IDs | 7. Protocol operations for package version selection (draft-ietf-netmod-yang-ver-selection-00)
(help requested) |
| | 8. <i>[Potential future Draft] IETF Packages (help/owner requested)</i> |

Abstract

This document provides guidance to the RFC Editor and IANA on managing YANG modules in RFCs and IANA registries, ensuring consistent application of YANG Semantic Versioning rules.

Why

- We met with IANA at IETF 124 and they stated that they wanted more clear guidance regarding applying YANG versioning correctly.
- Also asked that this could be in a document to inform future IANA members
- Remit increased slightly to cover guidance for RFC Editor
- Goal is move quickly (hence adopted fast):
 - Aim to publish or be in the queue with other 3 versioning drafts
 - Aim: reduce some of the IANA guidance text from module versioning and semver drafts (if stars align).

How

- The -00 version was mostly generated by an LLM
 - With lots of prompting and guidance
 - Suitable because a key goal is collating guidance into one document
 - Gave a reasonable starting point
- The -01 version (published for IETF 125) based on review feedback and quite a few edits:
 - Cleans up some LLM mistakes
 - Incorporates some feedback from IANA and RFC Editor
 - A few open issues worth discussing
- The -02 and -03 (since IETF 125) incorporates further feedback from reviews (thanks!) from the last cycle.

Next steps

1. Hopefully WG LC quickly after this IETF meeting
 - No open issues, but ...
 - I missed some minor updates from a Qin review
 - Another email from Amanda on the YANG publication process to check for consistency.
 - I've already checked with Amanda & Sabrina (IANA) if it okay/ready to WG LC
 - But still checking with Sandy (RPC)
2. So, proposed plan is:
 1. Update the draft immediately after IETF 126 (small)
 2. Hopefully hear from Sandy/RPC that it is okay to proceed with WG LC
 3. Request WG LC

Meetings, github location

Meeting weekly on Tuesdays, 9 am US Eastern Time

Github for this draft (currently):

<https://github.com/rgwilton/iana-yang-guidance?tab=readme-ov-file>

Any Questions/Comments?