

Zoom on YANGDOCTORS

YANG Doctors Secretaries:

Per Andersson, Qiufang Ma (presenting)

IETF 125 OPSAREA session

16 March, 2026

Shenzhen, China

YANG Doctors Team Overview

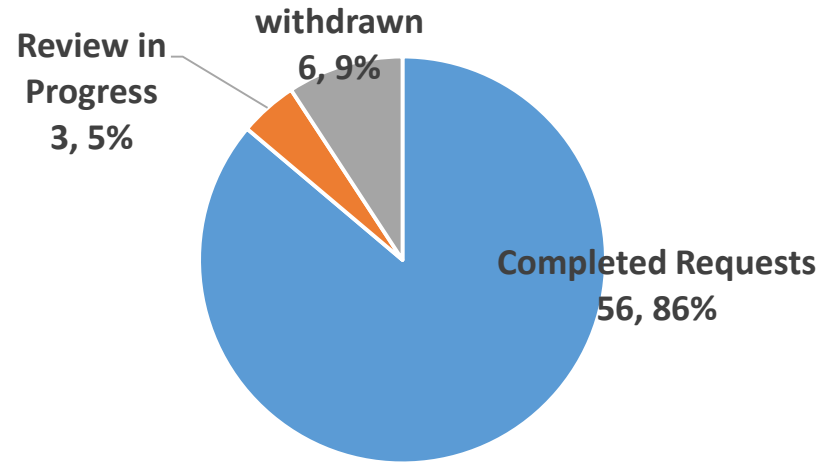
- An active volunteer expert team under IETF OPS area
 - Mandatory review body for YANG module documents before IESG approval, with a key focus on aligning with IETF NETMOD YANG standards
 - Technical advisory for authors lack YANG expertise in all IETF WGs and areas
- Collaboration with other Groups
 - Close cooperation with NETMOD WG
 - Support all WGs in IETF
- YANG Doctors (yangdoctors) datatracker:
<https://datatracker.ietf.org/group/yangdoctors/about/>
- Mailing List: yang-doctors@ietf.org
- Archive: <https://mailarchive.ietf.org/arch/browse/yang-doctors/>

YANG Doctors Review Principles

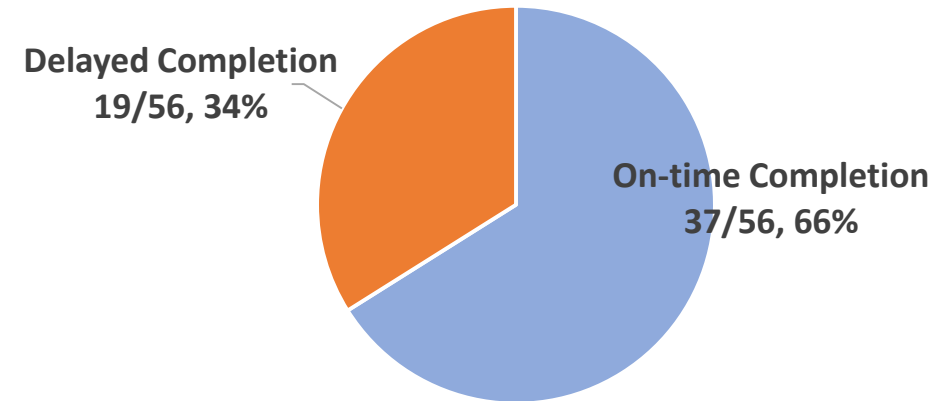
- Reviewers
 - 17 YANG experts – 2 are not available to do reviews at this time.
- Allocation Rule
 - New review task: Round-robin assignment
 - Repeat review task for the same draft: the original reviewer
- Guiding Principles & Key References
 - **Fundamental Standards:** RFC 7950; rfc8407bis(RFC-to-be 9907) on the Guidelines for Authors and Reviewers of YANG Data Model Documents
 - **Other Key Compliance:** RFC8342 (NMDA); YANG versioning (once approved from IESG)
 - **Potential future alignment:** VELOCE (YANG deVELpment PrOCess and maintenance)
 - We welcome feedback from authors, WGs, and reviewers to refine review criteria.

Past One Year Review Data Overview

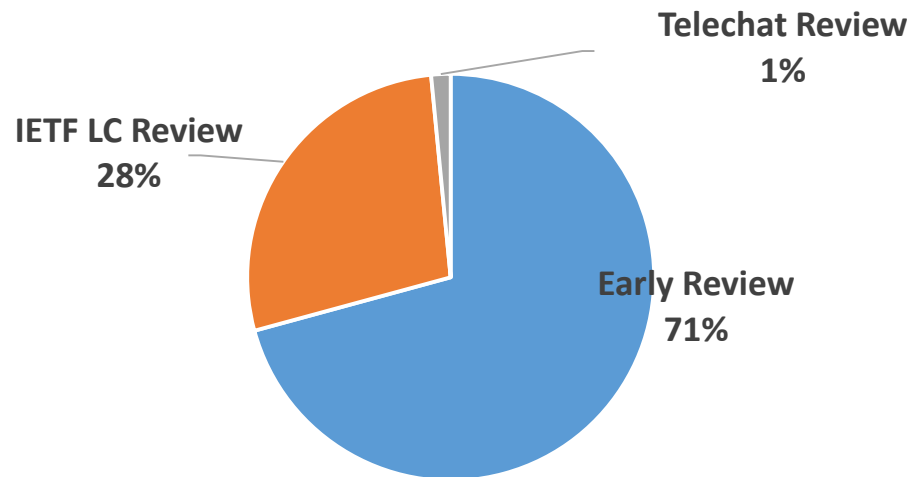
Total Review Requests: 65 pieces



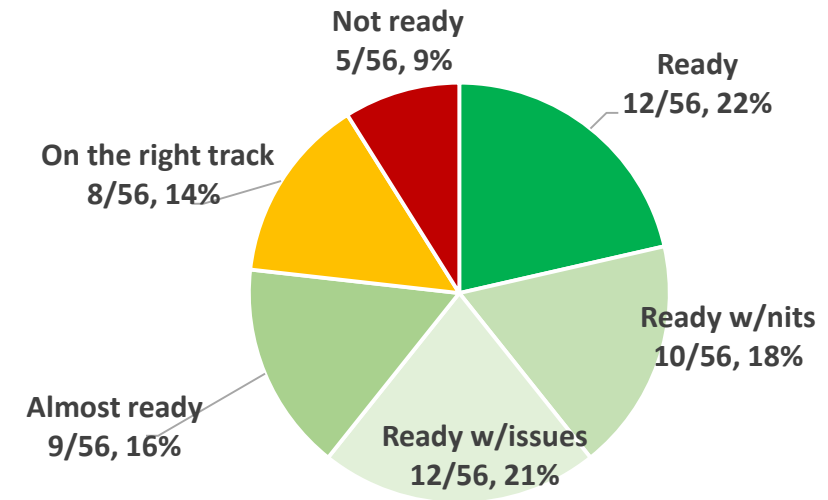
On-time Completion Rate



Completed Review Type Distribution



Review Outcomes



Top 5 Reviewers – Past Year Completed Reviews

Thanks for your kind support!

reviewer	Reviews completed	On-time completed
Ladislav Lhotka	5	5
Andy Bierman	5	4
Joe Clarke	5	4
Ebben Aries	5	3
Martin Björklund	5	3

Key Challenges & Actions

- **Challenge:** Insufficient active YANG Doctors
 - High load on a small set of YANG experts to handle review requests and provide technical guidance.
 - Tension between “early engagement” and resources
- **Actions:**
 - Continuously recruit new reviewers with NETCONF/YANG experts to join the team.
 - Please contact us if you are interested!

Key Challenges & Actions (cont.)

- **Challenge:** future readiness
 - Need to continuously update review criteria and expertise (e.g., RFC8407bis, YANG versioning, YANG-next) and prepare for potential process changes (e.g., VELOCE).
- **Actions:**
 - Align review guidelines with evolving YANG standards.
 - Track emerging processes such as VELOCE
 - Review scope might be expanded from syntax and semantics check to, e.g., CI/CD setup, the validity of links to modules, etc.

I-D template with YANG Modules

Repo: <https://github.com/IETF-OPS-AD/I-D-with-yang-template>

- Integration of YANG validations with draft development
- Auto-generation of YANG tree diagrams
- Validation of JSON Examples

We encourage all authors working on I-Ds with YANG modules to use this template!

Comments, Questions?