



RFC Production Center

IETF 126



Topics

- queue.rfc-editor.org
- GitHub and markdown pilot program update
- RPC AI exploration

queue.rfc-editor.org



The revamped queue has the following features:

- Clearer state labels
- More information about what is happening with the documents
- Cluster diagrams that show reference relationships

queue.rfc-editor.org

 RFC EDITOR QUEUE Upcoming RFCs QueueClustersFinal ReviewAbout  				
RFC Editor Queue Total number of queue items: 152. Looking for published RFCs? Go to https://www.rfc-editor.org				
Document 	Labels 	Enqueue Date (Weeks in queue) 	Status 	Cluster 
draft-ietf-iotops-7228bis 	New Version Pending markdown	2026-07-09 (0.5 weeks)	formatting	
draft-ietf-ipsecme-ikev2-mlkem 		2026-07-07 (1 week)	formatting	
draft-ietf-idr-vpn-prefix-orf 	Intake Form Pending Author Input Required	2026-07-07 (1 week)	blocked Author Input Required	
draft-ietf-bmwg-network-tester-cfg 	code: xml code: yang markdown	2026-07-07 (1 week)	formatting	
draft-ietf-pce-multipath 		2026-07-07 (1 week)	formatting	 496
draft-ietf-ipsecme-ikev2-downgrade-prevention 	github	2026-07-07 (1 week)	formatting	
draft-ietf-netmod-immutable-flag 	code: yang	2026-07-07 (1 week)	formatting	 579
draft-ietf-sidrops-rpki-ccr 		2026-07-07 (1 week)	blocked Reference Not Received	 578

Informative labels

More detailed and
more easily readable
status

queue.rfc-editor.org cluster diagrams



Legend:

- **Blue** - doc is **In Progress** and can move on its own through the queue (i.e., does not have a normative reference to an I-D)
- **Green** - doc is **In Progress** because its normative reference is in the queue
- **Pink** - doc is **blocked** because its normative reference is not in the queue (a state previously known as MISSREF)
- **Orange** - a referenced doc that is **not in the queue**. This doc needs to be in the queue for blocked docs in the cluster to move.

queue.rfc-editor.org states



- In Progress
 - The document is either being worked on by the RPC or is waiting to be worked on by the RPC
- Blocked
 - An issue is preventing the RPC from working on the document

The old states, which were opaque and antiquated, have been replaced by more flexible annotations on the above states.

queue.rfc-editor.org details for “In Progress” state



Clearer, finer-grained annotations provide transparency and replace the antiquated state labels EDIT, RFC-EDITOR, and AUTH48:

- **Awaiting Assignment** - The document is waiting to be assigned to an editor for formatting, reference checking, first edit, or second edit.
- **Formatting** - The document formatting (e.g., lists, tables, artwork) is being updated
- **Reference Checking** - The references are being checked for accuracy and stability.
- **First Edit** - The document is being copyedited.
- **Second Edit** - The document is getting a second review with a focus on any complex issues, source code, or text regarding IANA actions.
- **In Final Review** - Awaiting final approval(s) from authors and/or action holders.

queue.rfc-editor.org details for “Blocked” state

These clearer labels replace the obscure old states AUTH, MISSREF, IANA, IESG, TI:

- **Author Input Required** - The RPC is awaiting a reply from the author.
- **Waiting for Action Holder** - The RPC is awaiting a reply from an action holder (for example, an AD).
- **Reference Not Received** - The doc has a normative reference to an Internet-Draft that is not yet in the queue.
- **Reference Not Received (2nd Generation)** - The doc has a normative reference to a doc that normatively references an I-D that is not yet in the queue.
- **Reference Not Received (3rd Generation)** - The doc has a normative reference to a doc that normatively references a doc that normatively references an I-D that is not yet in the queue.
- **IANA Hold** - The doc has been edited and is awaiting completion of IANA actions.
- **Stream Hold** - The doc is being held per the request of the publication stream that approved it.
- **Tools Issue** - The doc is waiting for a fix to an editing or publishing tool

Final Review



- <https://queue.rfc-editor.org/final-review/> provides links to the status page of each document in Final Review
- Procedures are still the same
- Label change: AUTH48 -> Final Review
 - The term “AUTH48” had been an opaque anachronism for a long time
- Action Holders: The new queue highlights:
 - Requests to stream managers for approvals
 - Actions to be performed by IANA due to RFC edits

GitHub and markdown for Final Review



- Goal: To further support the authoring community and facilitate author reviews using tools they are familiar with.
- We ask authors if they want to participate in the intake form.
- Limited to 5 GitHub and 5 markdown documents a month.
 - However, we rarely hit the monthly limit early.
 - Out of 141 documents in the queue, 40 documents (28%) are participating in one or the other or both:
 - 26 (18%) are markdown
 - 33 (23%) GitHub. Of the GitHub docs, 19 are markdown and 14 RFCXML.

GitHub for Final Review



- The RPC shares its proposed edits with authors in an RPC-created repo and a pull request made against the approved source file. Authors, WG chairs, doc shepherd, and responsible AD invited to the repo.
- Issues
 - We can't force participants to accept the repo invitation. This has led to some participants not following the repo updates.
 - Some participants don't read the repo README.
 - Some participants don't seem as comfortable with GitHub features (PRs and PR reviews) as some of their coauthors.

kramdown-rfc for Final Review



- Final Review starts with a md file. When content changes are approved, the doc is converted to RFCXML.
- Editing markdown is generally easier because the text is easier to read.
- However, new or obscure markdown can make formatting and editing challenging.

AI exploration



- AI agents are too heavy handed with text edits and change technical meaning
- Testing the following situations:
 - Formatting updates
 - Comparing similar text/items in the same document and across normatively referenced RFCs
 - Source code validation
 - Checking that the IANA Considerations section and the IANA registry are consistent with each other

This Week



Come by the desk today and tomorrow!