

# NFS Standards: State of the Union

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# Where is this tracked?

- Documents Page:
  - <https://datatracker.ietf.org/wg/nfsv4/documents>
- Mailing list:
  - [nfsv4@ietf.org](mailto:nfsv4@ietf.org)

# Close, so close

- RFC-EDITOR queue
  - Basically done
  - Only editorial changes
- 3530bis - Network File System (NFS) Version 4 Protocol
- Administration Protocol for Federated Filesystems
- NSDB Protocol for Federated Filesystems

# Sent to IESG

- Registry Specification for Mandatory Access Control (MAC) Security Label Formats
  - Cleared GenART review
  - Almost clear of IANA
- Requirements for pNFS Layout Types
  - Intended Status changed
  - Sent back to WG

# Cleared WG Last Call, not yet sent

- NFSv4.2 - NFS Version 4 Minor Version 2
- RPCSEC\_GSSv3 - Remote Procedure Call (RPC) Security Version 3
- NFSv4.0 migration: Specification Update

# In WG Last Call

- Parallel NFS (pNFS) Flexible File Layout

# Accepted as WG Documents (recent)

- Multiple NFSv4 Domain Namespace Deployment Guidelines
- NFSv4 Version Management
  - Branch off of NFSv4.2 work
  - No more huge documents
    - i18n
    - Minorversioning
    - ACLs

# Other Documents

- Parallel NFS (pNFS) SCSI Layout
  - Another block layout type



# What else?

- xattr
- Metastripe
- New layout types

# Can you get involved?

- Sure!
- The only membership requirement is the willingness to participate
- You do not need to go to the IETF meetings.
- Join the WG mail alias:
  - <https://www.ietf.org/mailman/listinfo/nfsv4>
  - <mailto:nfsv4-request@ietf.org?subject=subscribe>
- Start reviewing!