



# Community Release Update

Nov 27<sup>th</sup> 2023

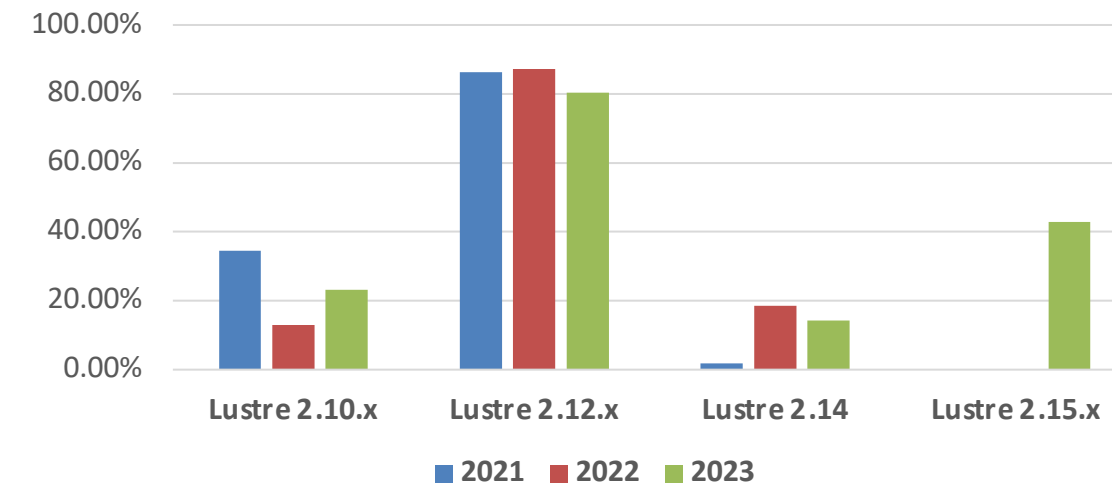
Peter Jones, Whamcloud  
OpenSFS Lustre Working Group

# Lustre 2.15.x LTS

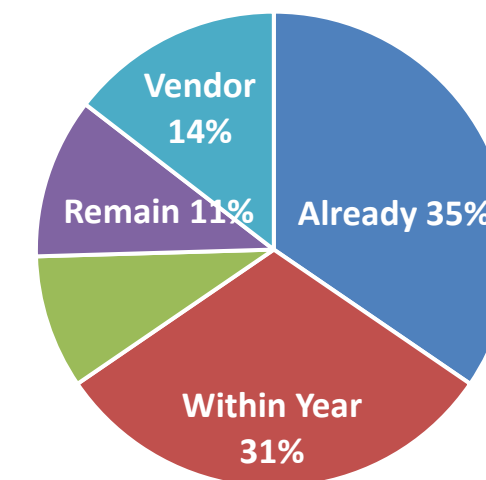
- Taken over from 2.12.x LTS
- Lustre 2.15.4 coming soon
  - RHEL 8.9 servers/clients (LU-17275)
  - RHEL 9.3 clients (LU-17274)
  - [https://wiki.lustre.org/Lustre\\_2.15.4\\_Changelog](https://wiki.lustre.org/Lustre_2.15.4_Changelog)

LTS	GA	Changelog
2.15.0	Jun-22	<a href="http://wiki.lustre.org/Lustre_2.15.0_Changelog">http://wiki.lustre.org/Lustre_2.15.0_Changelog</a>
2.15.1	Aug-22	<a href="https://wiki.lustre.org/Lustre_2.15.1_Changelog">https://wiki.lustre.org/Lustre_2.15.1_Changelog</a>
2.15.2	Jan-23	<a href="http://wiki.lustre.org/Lustre_2.15.2_Changelog">http://wiki.lustre.org/Lustre_2.15.2_Changelog</a>
2.15.3	Jun-23	<a href="http://wiki.lustre.org/Lustre_2.15.3_Changelog">http://wiki.lustre.org/Lustre_2.15.3_Changelog</a>

Which Lustre versions do you use in production? (select all that apply)

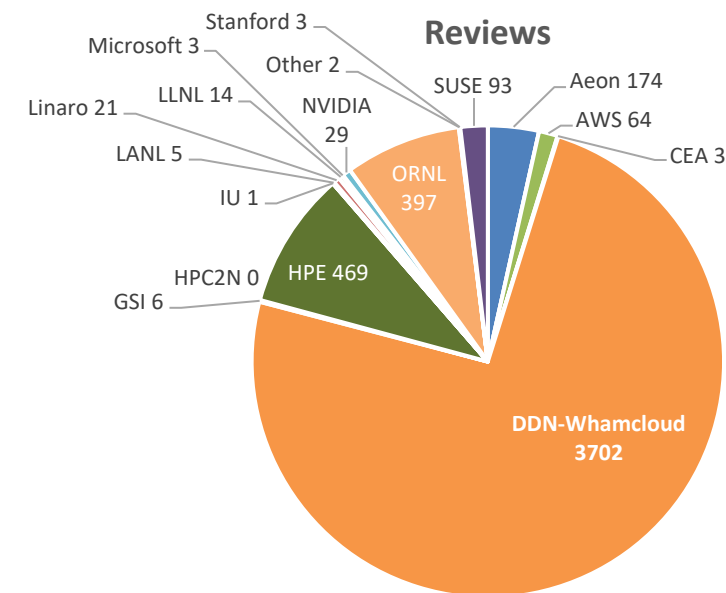
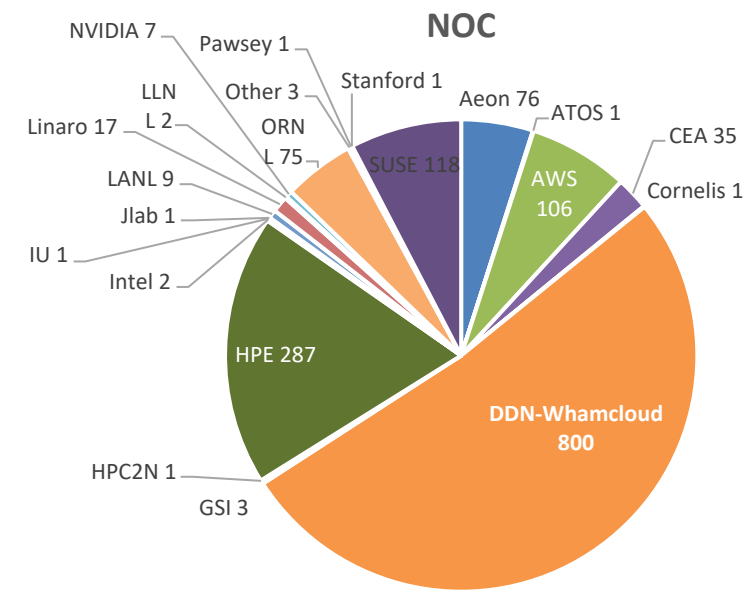


How quickly do you plan to move to a Lustre 2.15.x LTS release?



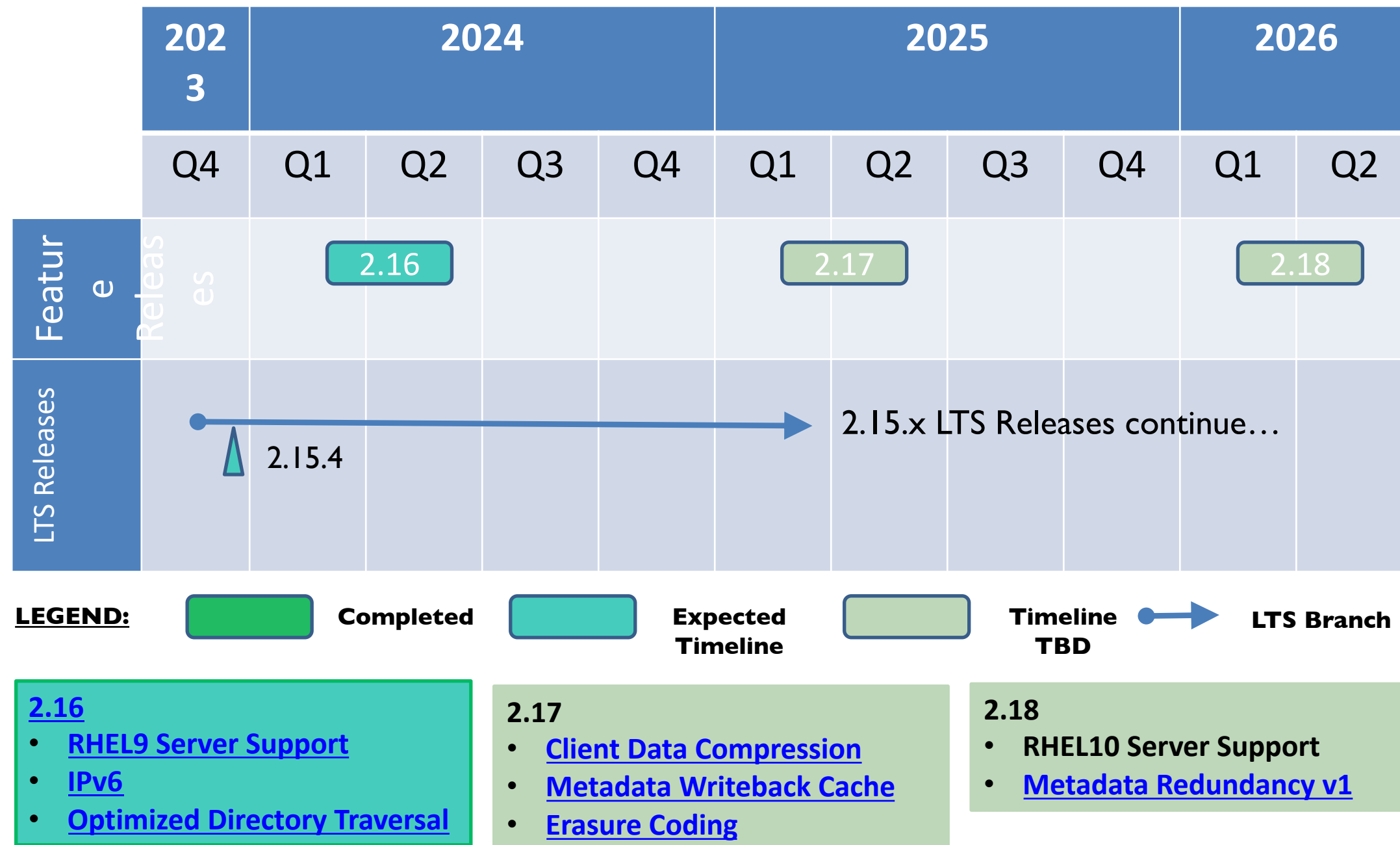
# Lustre 2.16

- Targeting for release early 2024
  - [http://wiki.lustre.org/Release\\_2.16.0](http://wiki.lustre.org/Release_2.16.0)
  - Feature freeze extended to allow IPv6 work to complete
  - RHEL 9.3 servers/clients
  - SLES15 SP5/Ubuntu 22.04 clients
- Interop/upgrades from latest Lustre 2.15.x
- Features in the release
  - RHEL 9.x server support **MERGED**
  - IPv6 Support ([LU-10391](#)) **MOSTLY MERGED**
  - Optimized Directory Traversal ([LU-15975](#)) **MERGED**
    - Aka "Improved Statahead"



Data courtesy of Dustin Leverman (ORNL)  
Source: <https://git.whamcloud.com> 2.15.50 to 2.15.58

# Lustre Community Roadmap



\* Estimates are not commitments and are provided for informational purposes only

\* Fuller details of features in development are available at <http://wiki.lustre.org/Projects>

# Looking ahead: Considering LTS options

- RHEL 9.x server support will become driver to switch LTS version at some point
- Likely 2.16/2.17
- Will start polling the community in the 2024 OpenSFS survey
- Plenty of notice will be given for any change and opportunity will be provided to have input into the decision



By nclm - Own work, CC0, <https://commons.wikimedia.org/w/index.php?curid=48583105>

# How to Contribute

- Complete the annual OpenSFS survey
  - [https://wiki.opensfs.org/Lustre\\_Community\\_Survey](https://wiki.opensfs.org/Lustre_Community_Survey)
- Participate in the LWG
  - [https://wiki.opensfs.org/Lustre\\_Working\\_Group](https://wiki.opensfs.org/Lustre_Working_Group)
- Lustre documentation
  - Lustre Ops Manual – report issues in LUDOC JIRA project
    - [https://wiki.lustre.org/Lustre\\_Manual\\_Changes](https://wiki.lustre.org/Lustre_Manual_Changes)
  - Lustre.org wiki (Lustre internals and sysadmin info)
    - [http://wiki.lustre.org/Category:Lustre\\_Systems\\_Administration](http://wiki.lustre.org/Category:Lustre_Systems_Administration)
- Join a Lustre community organization (OpenSFS/EOFS)
- Participate in Community events
  - LUG, LAD, Regional LUG events, SC/ISC BOFs, online
- Lustre development
  - Submitting/Reviewing/Testing Lustre code
  - <https://wiki.lustre.org/Development>



# Lustre Infrastructure on the Move in 2024

- Changes in Atlassian products mean that the Whamcloud JIRA and Wiki will need to relocate in the coming months
- Details will be shared on the mailing lists once available
- Outages will be kept to a minimum
- Some cleanup of data is occurring prior to the migration
- Please report any anomalies you spot to [info@whamcloud.com](mailto:info@whamcloud.com)



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Thank you

**Open Scalable File Systems, Inc.**

3855 SW 153rd Drive  
Beaverton, OR 97006  
Ph: 503-619-0561  
Fax: 503-644-6708  
admin@opensfs.org



[www.opensfs.org](http://www.opensfs.org)