



Community Release Update

April 28th 2026

Peter Jones, The Lustre Collective
OpenSFS Lustre Working Group

OpenSFS Working Groups

- All welcome to attend and/or join the mailing lists

Documentations Working Group

- Led by Ellis Wilson (Microsoft)
- https://wiki.opensfs.org/Documentation_Working_Group
- Looking into improving:
 - Lustre manual
 - Lustre.org wiki

Lustre Working Group

- Led by Peter Jones (TLC) and Rick Mohr (ORNL)
- http://wiki.opensfs.org/Lustre_Working_Group
- Collaboration relating to Lustre Community Releases
 - Testing and Development
 - Lustre Community Survey



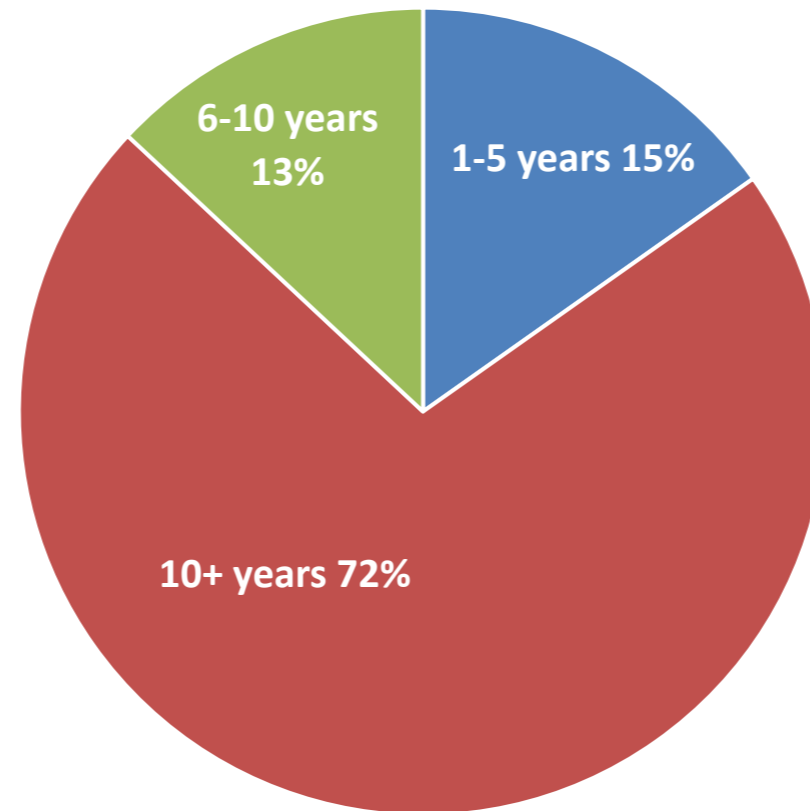
OpenSFS Community Survey

- LWG issues survey Q1 annually to track trends in Lustre usage
- Started in 2012
- 47 respondents this year
- Full details available at [http://wiki.opensfs.org/Lustre Community Survey](http://wiki.opensfs.org/Lustre_Community_Survey)



Community Survey – Experience

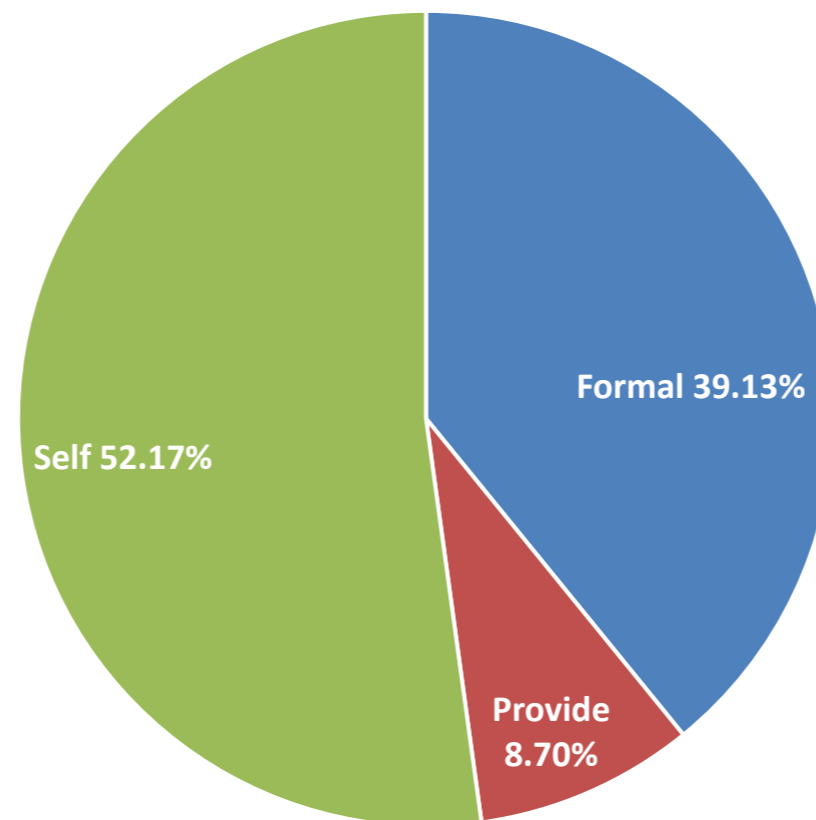
How long has your organization been using Lustre?



- Mostly very experienced respondents

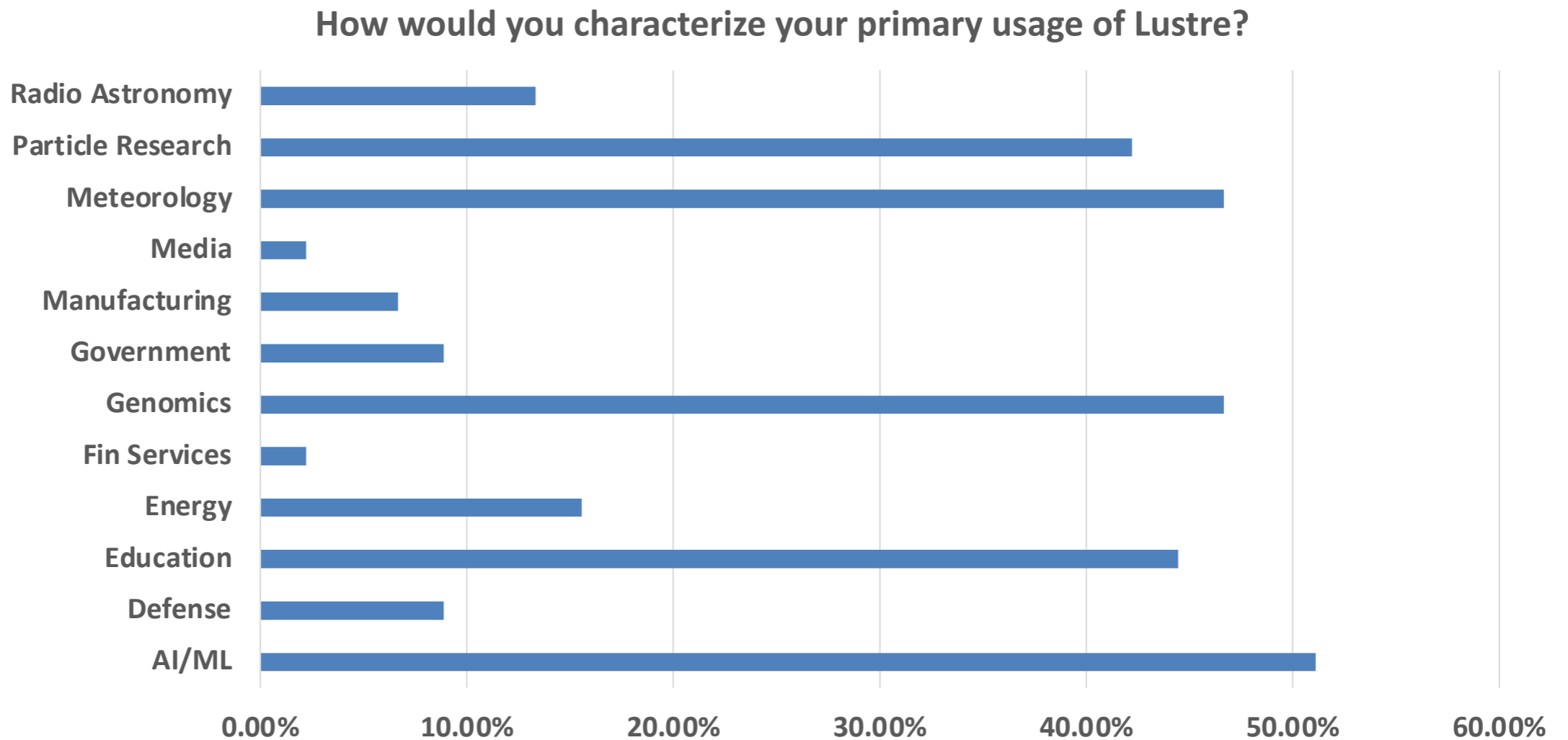
Community Survey – Support

What best describes your Lustre Support Situation?



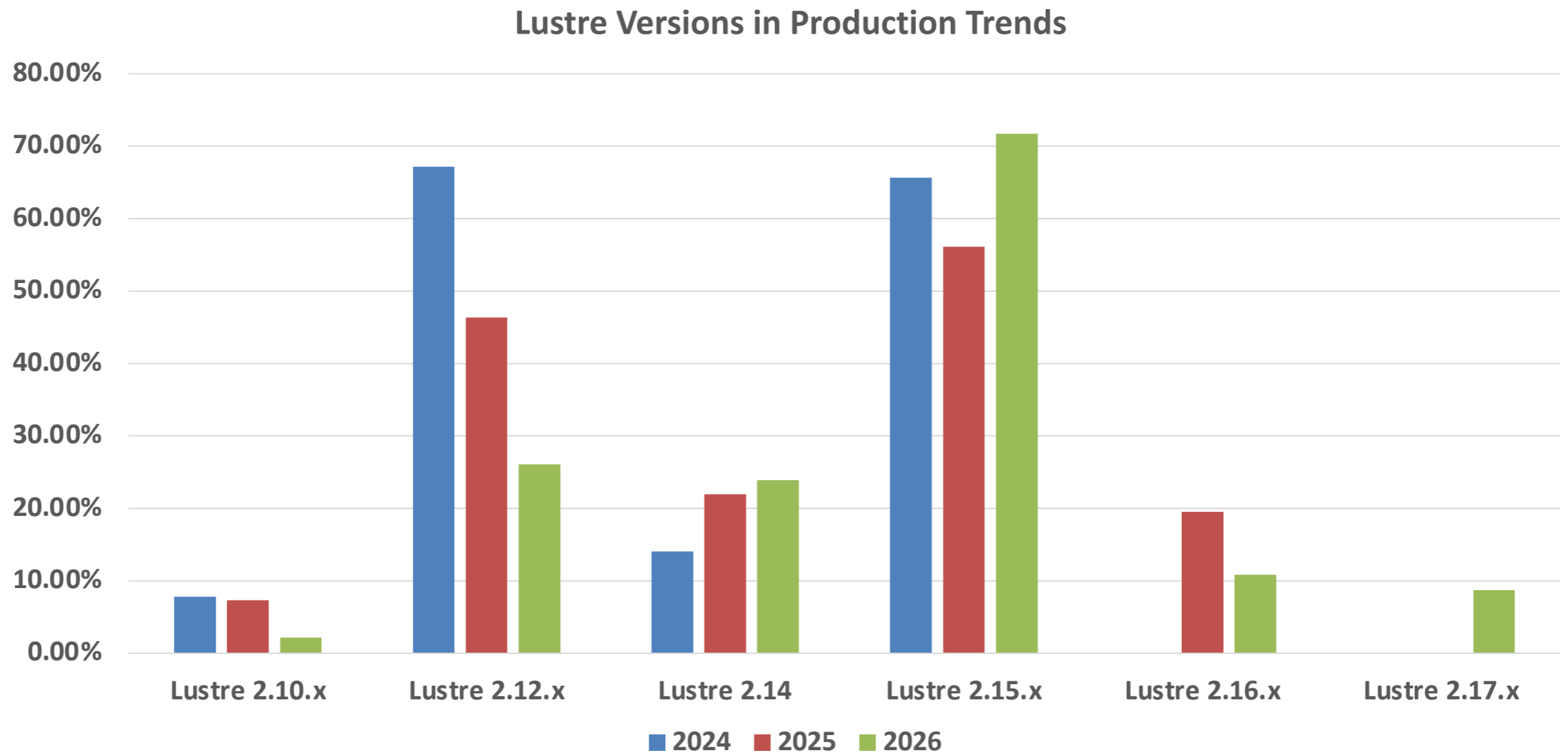
- Strong representation from open-source users

Community Survey – Primary Usage



- AI/ML indicated by over half of respondents

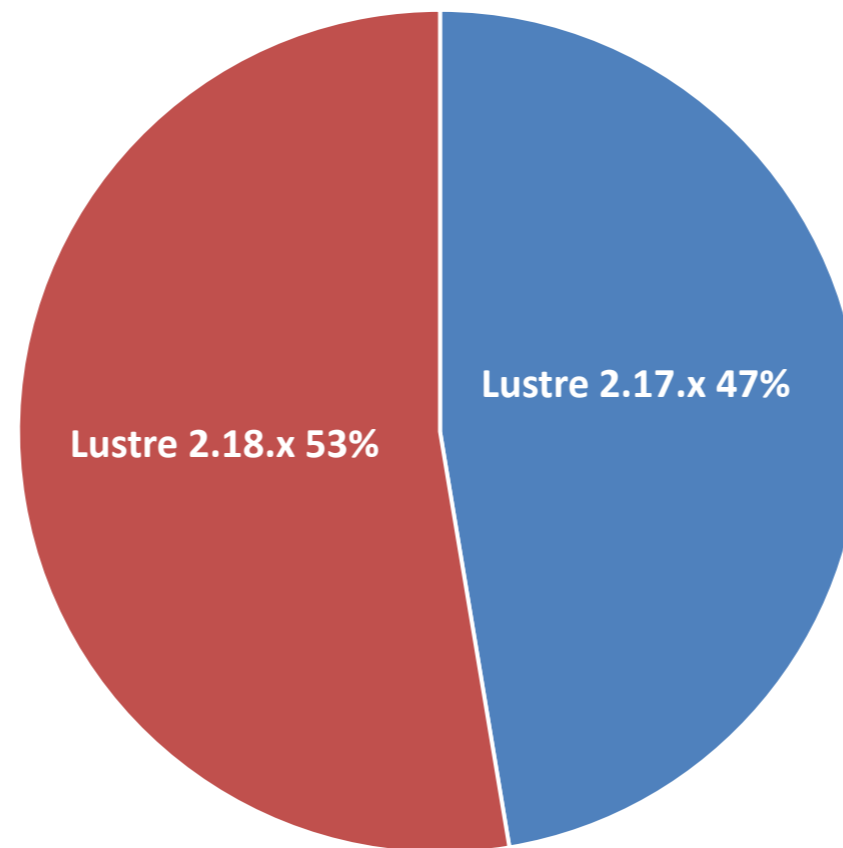
Community Survey – Lustre Versions



2.15.x clear leader

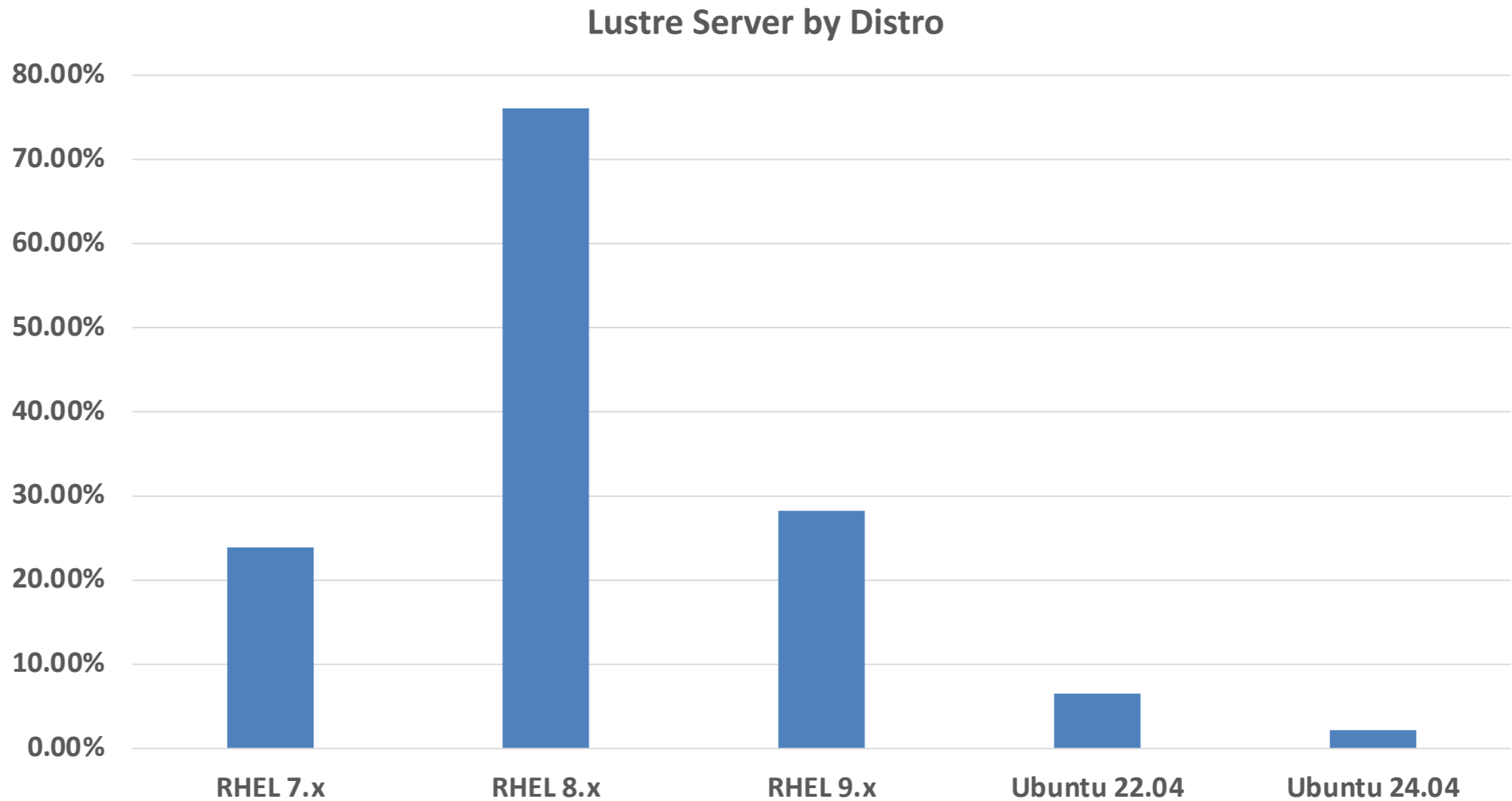
Community Survey – LTS Transition

Next LTS Transition



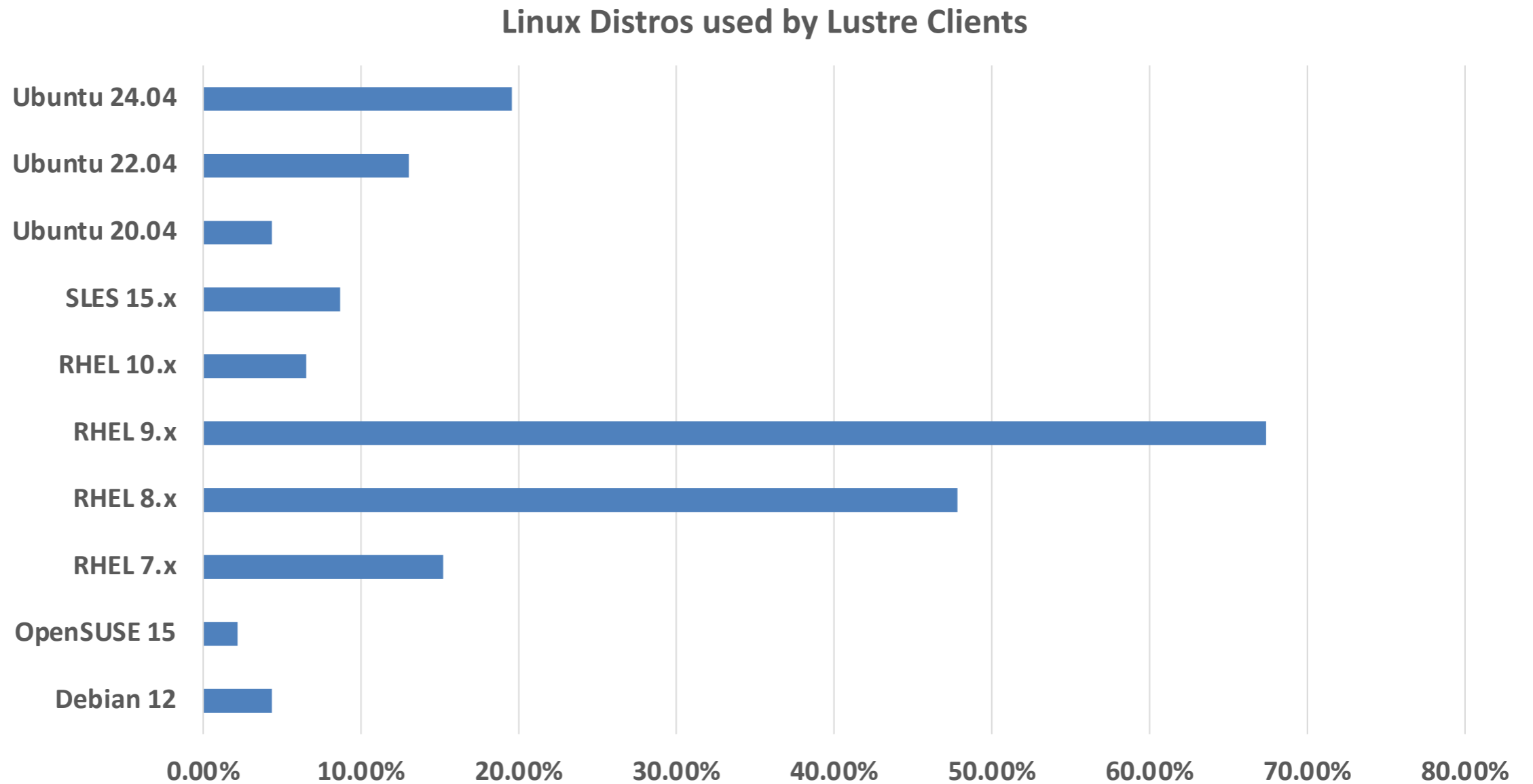
Fairly close between transitioning this year and next

Community Survey - Linux distros (servers)



RHEL 8.x servers the clear majority
Still significant numbers of RHEL7 despite limited support

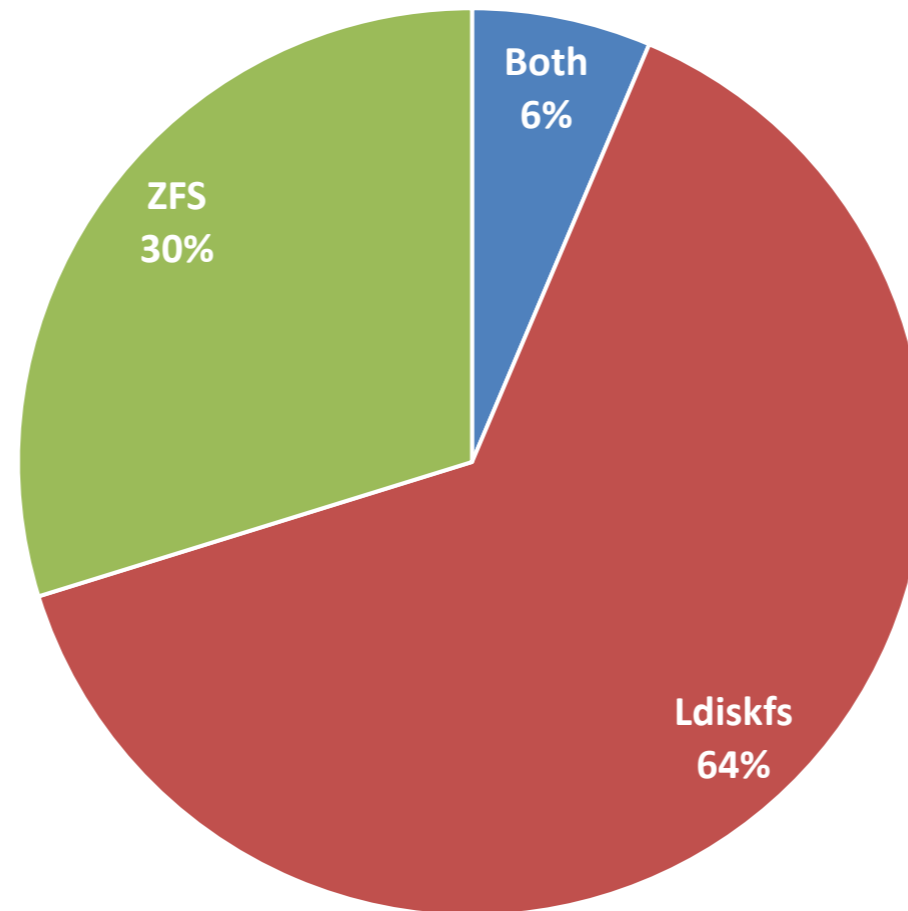
Community Survey - Linux distros (clients)



RHEL 9.x clients have overtaken RHEL 8.x as most common option

Community Survey – ZFS vs Ldiskfs

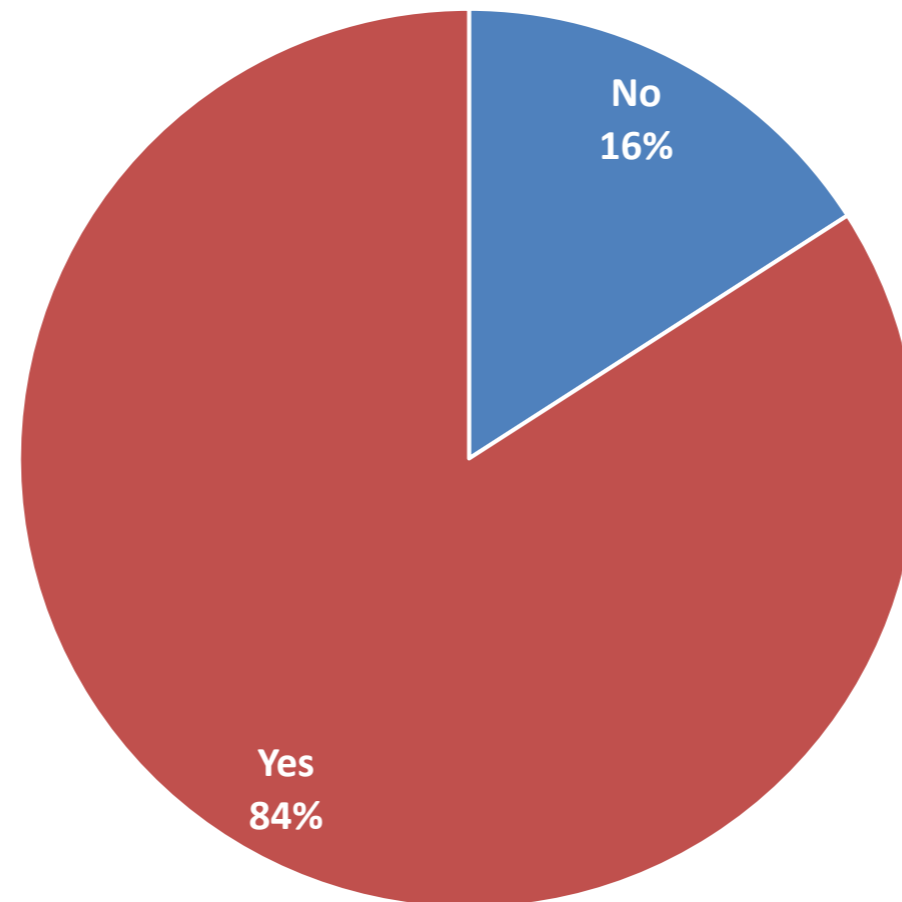
Lustre Backend



Both options popular but Ldiskfs remains most common option

Community Survey – HDD

Considering HDD for next Filesystem?



HDD still a possibility for the majority of respondents

Community Survey - Analysis

- Lustre 2.15.x remains the clear leader
- Both 2.16.x and 2.17.x used for sites running more current distros for servers
- Close between views for 2.17 or 2.18 as next LTS
 - LWG to discuss further, aim to make announcement ahead of ISC26
 - Interested to hear your perspective while here
- Most common missing features
 - S3 integration
 - Idiskfs snapshots

Lustre 2.15.x LTS

- Lustre 2.15.9 up next
 - RHEL 9.8 client support ([LU-20071](#))
 - https://wiki.lustre.org/Lustre_2.15.9_Changelog

LTS	GA	Changelog
2.15.0	Jun-22	http://wiki.lustre.org/Lustre_2.15.0_Changelog
2.15.1	Aug-22	https://wiki.lustre.org/Lustre_2.15.1_Changelog
2.15.2	Jan-23	http://wiki.lustre.org/Lustre_2.15.2_Changelog
2.15.3	Jun-23	http://wiki.lustre.org/Lustre_2.15.3_Changelog
2.15.4	Dec-23	https://wiki.lustre.org/Lustre_2.15.4_Changelog
2.15.5	Jun-24	https://wiki.lustre.org/Lustre_2.15.5_Changelog
2.15.6	Dec-24	https://wiki.lustre.org/Lustre_2.15.6_Changelog
2.15.7	Jun-25	https://wiki.lustre.org/Lustre_2.15.7_Changelog
2.15.8	Dec-25	https://wiki.lustre.org/Lustre_2.15.8_Changelog

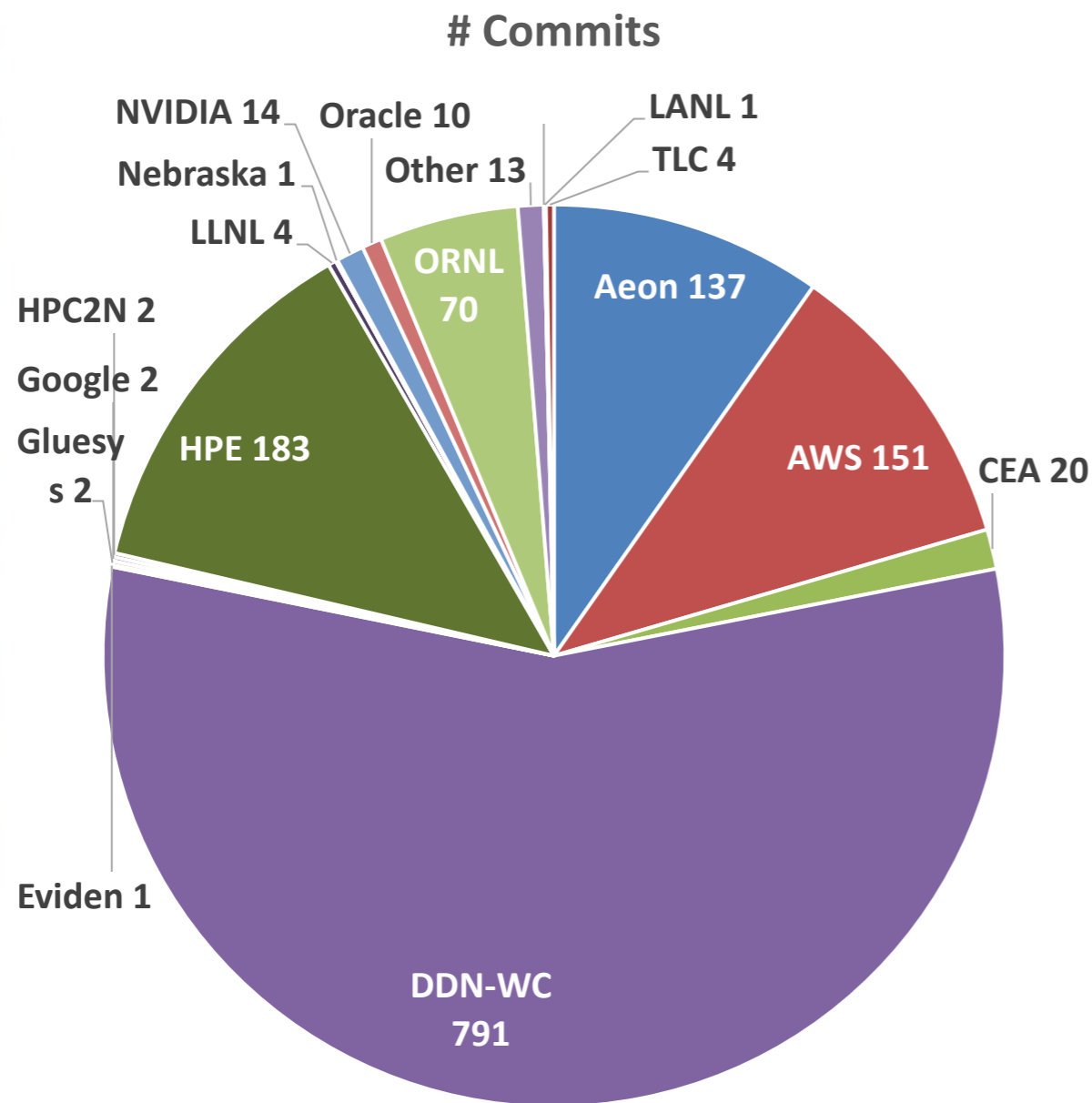
Lustre 2.17

- GA late last year
 - https://wiki.lustre.org/Release_2.17.0
- RHEL 9.7 servers/clients
- RHEL 10.1/SLES15 SP7/Ubuntu 24.04 clients
- Interop/upgrades from latest Lustre 2.15.x
- Features included in release:
 - Dynamic Nodemaps ([LU-17431](#))
 - Hybrid IO ([LU-18033](#))

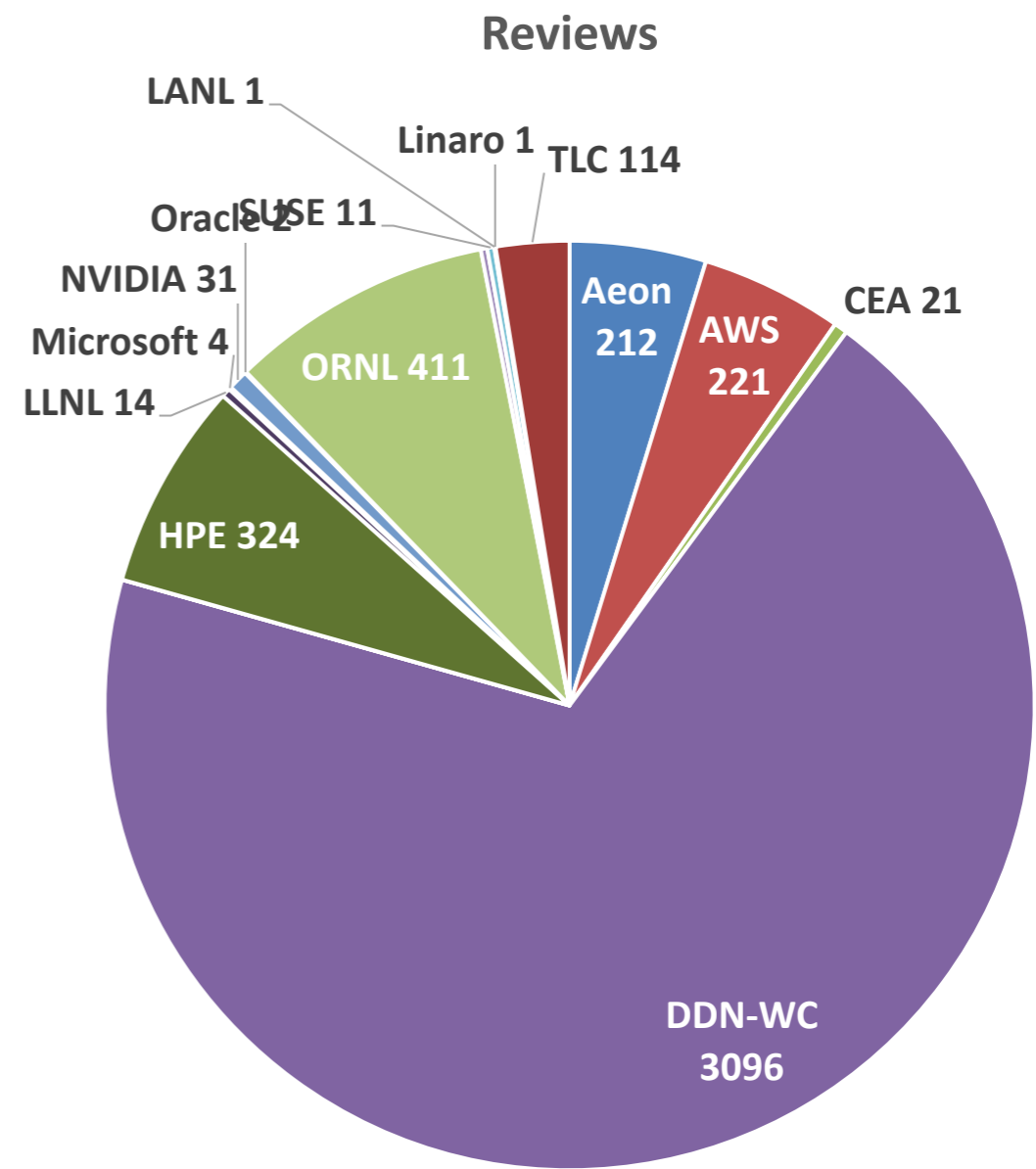


<https://www.instagram.com/twoseventeenmusic/>

Lustre 2.17 - Contributions



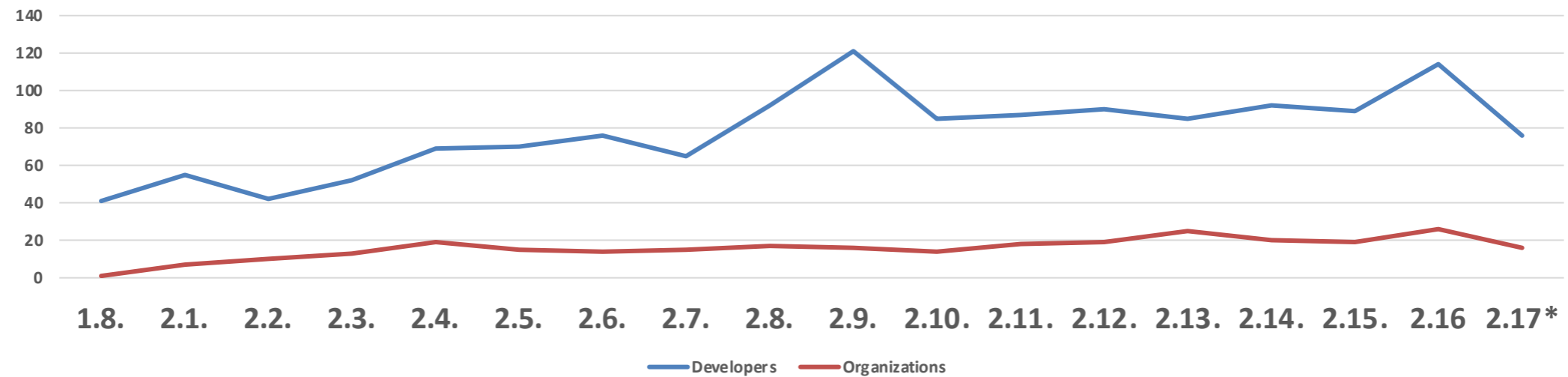
Source: <https://git.whamcloud.com>



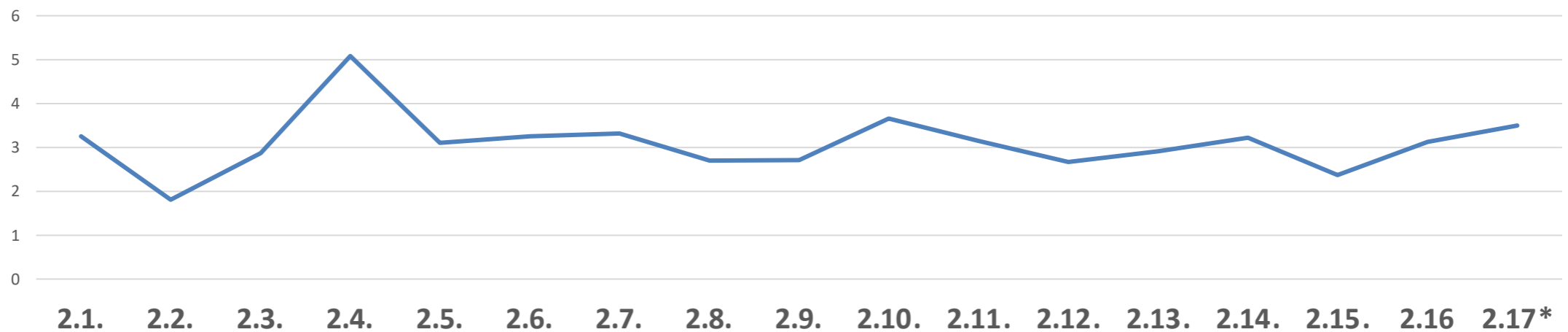
Source: <https://git.whamcloud.com>

Contributions - Historical Comparisons

Lustre Contributions by Release



NOC/day



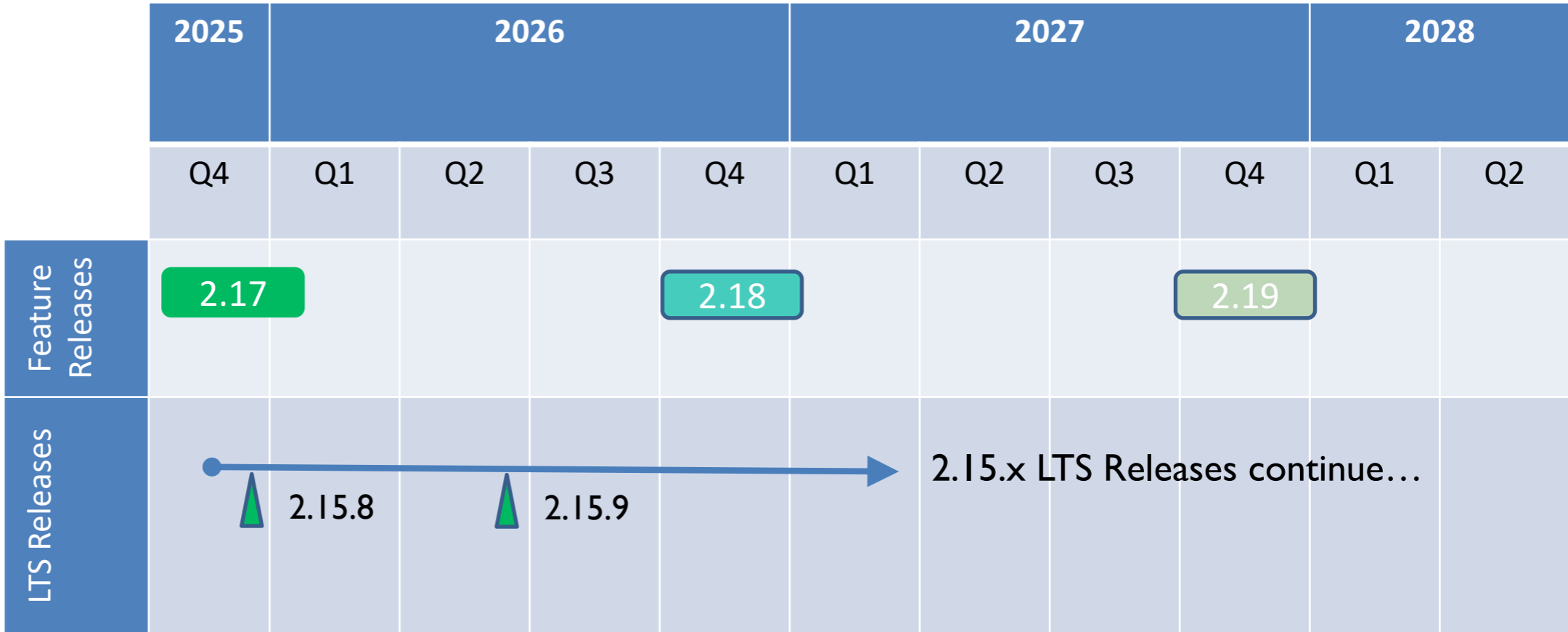
Source: <https://git.whamcloud.com>

Lustre 2.18

- Targeted for Q4
 - https://wiki.lustre.org/Release_2.18.0
- Interop/upgrades from latest Lustre 2.15.x
- Feature Cutoff end of May
- Servers
 - RHEL 9.8
- Clients
 - RHEL 9.8
 - RHEL 10.2
 - SLES15 SP7
 - Ubuntu 26.04

JIRA	Feature	Dev	Review
LU-10026/LU-20178	CSDC	DDN/MSFT	DDN/MSFT/TLC
LU-10911	EC-RO	ORNL/DDN/TLC	ORNL/DDN/TLC
LU-18461	File Join	HPE	HPE/ORNL/DDN
LU-17819	FTM	DDN	DDN/TLC
LU-17916	Large Folio Support	HPE	TLC
LU-19921	GSS IAM	Google	DDN/TLC
LU-10499	PCC-RO	DDN	DDN/TLC
LU-19848	Peer to Peer DMA	AWS/TLC	TLC
LU-18667	RHEL10 Servers	DDN	DDN/TLC
LU-18456	TCU	DDN	DDN/TLC

Lustre Community Roadmap



LEGEND: Completed Expected Timeline Timeline TBD LTS Branch

- 2.17**
- [Nodemap Enhancements](#)
 - [Dynamic LNET NID Config](#)
 - [Hybrid IO](#)

- 2.18**
- [Client Data Compression](#)
 - [RHEL10 Server Support](#)
 - [Erasure Coding](#)

- 2.19**
- [MDT0000 Services Redundancy](#)
 - [Reduced Recovery Time](#)

* 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>



LUG Developer Day

- LUG Developer Day takes place after the main conference
- Provides in-person time between developers from different organizations to work through development issues
- Mix of discussion and coding activities
- 18 organizations represented
- Mix of experience levels – goal is to broaden the development community
- Presentations available on Lustre wiki
 - https://wiki.lustre.org/Developer_Day_2025-04-03



LUG25 Developer Day

Summary

- Lustre 2.18.0 targeted for Q4 2026
- Lustre 2.15.9 targeted for Q2 with RHEL 9.8 support
- LWG [http://wiki.opensfs.org/Lustre Working Group](http://wiki.opensfs.org/Lustre_Working_Group)
- DWG [https://wiki.opensfs.org/Documentation Working Group](https://wiki.opensfs.org/Documentation_Working_Group)

Thank you

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