A Decade of Community Development

• Prior to OpenSFS designating the canonical release and the kernel-style contribution model, external contributions were rare
  – Lustre 1.8 (2009) had no external contributions
  – Lustre 2.13 (2019) had contributions from 85 developers from 25 organizations

• Over the last ten years we have had Lustre code contributions from
  • 45 distinct organizations
  • 217 individual developers
Lustre 2.12.x LTS

- Lustre 2.12.6 went GA on Dec 9th
  - RHEL 7.9 servers/clients
  - RHEL 7.9/RHEL 8.3/SLES12 SP5/Ubuntu 20.04 clients
  - Support for building with MOFED 5.x
    - testing still focused on MOFED 4.9.x
  - [http://wiki.lustre.org/Lustre_2.12.6_Changelog](http://wiki.lustre.org/Lustre_2.12.6_Changelog)
- No decision on the next LTS release has been made yet
Lustre 2.14

- In final release testing; should be out late Q4
- OS support
  - RHEL 8.3 servers/clients
  - RHEL 8.3/SLES15 SP2/Ubuntu 20.04 clients
- Interop/upgrades from 2.13 and latest Lustre 2.12.x
- Will ship with ZFS 2.0 by default
- MOFED 5.2
- Number of useful features
  - Client-side Data Encryption (LU-12275)
  - OST Pool Quotas (11023)
  - DNE Auto Restriping (LU-11025)
# Lustre Community Roadmap

## Feature Releases

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<th>2019</th>
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<td>Q4</td>
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## LTS Releases

- 2.12.3
- 2.12.4
- 2.12.5
- 2.12.6

LTS Releases continue…

Will switch to a more current LTS branch at future time (TBD)

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* 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](http://wiki.lustre.org/Projects)
Community Events

- **LUG20**
  - Webinars on June 17th and Sept 9th

- **LAD20**
  - Oct 13th -15th
    - [https://www.eofs.eu/events/lad20](https://www.eofs.eu/events/lad20)

- **CLUG**

- **SC20**
  - Lustre BOF Thursday 19th 11:30-12:45
    - [https://sc20.supercomputing.org/presentation/?id=bof149&sess=sess316](https://sc20.supercomputing.org/presentation/?id=bof149&sess=sess316)
  - IO-500 BOF Wednesday 18th 4:00-5:15
    - [https://sc20.supercomputing.org/presentation/?id=bof168&sess=sess313](https://sc20.supercomputing.org/presentation/?id=bof168&sess=sess313)

- **JLUG**
  - Dec 4th [https://www.jlug.info](https://www.jlug.info)
Summary

• LTS model has been well adopted; focus switched to 2.12.x LTS
• Lustre 2.12.6 GA
• Lustre 2.14 in final release testing
• Plenty of options for those interested in contributing to Lustre
• LWG http://wiki.opensfs.org/Lustre_Working_Group
Thank you