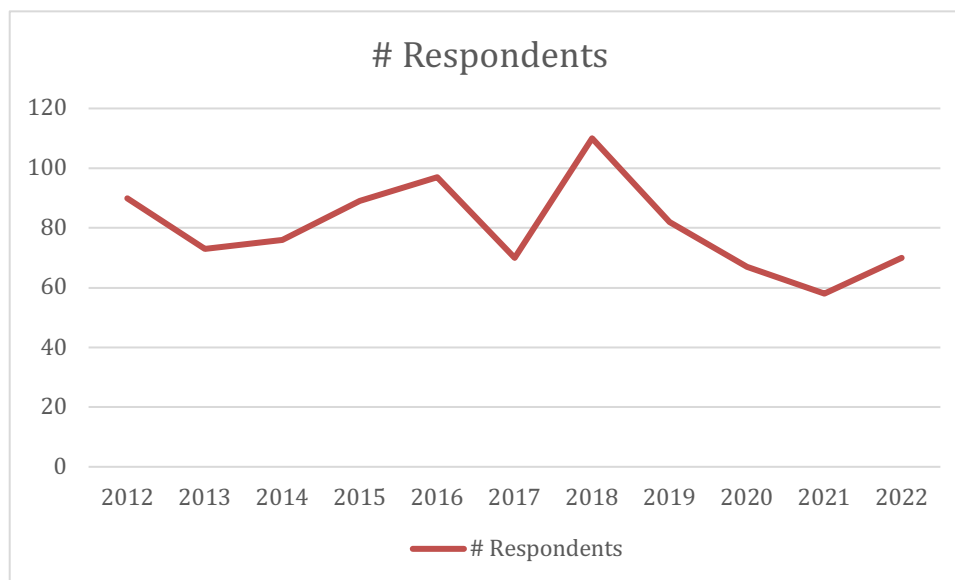**OpenSFS Survey March 2022 Results**

Background

A survey was developed and finalized during LWG meetings early in 2022. The intention was to collect information about Lustre usage across the community as input into the OpenSFS long-term support strategy.

Number of Respondents

- 70 respondents completed the survey

Key Findings

- The Lustre 2.12.x LTS releases are the most widely used version in production
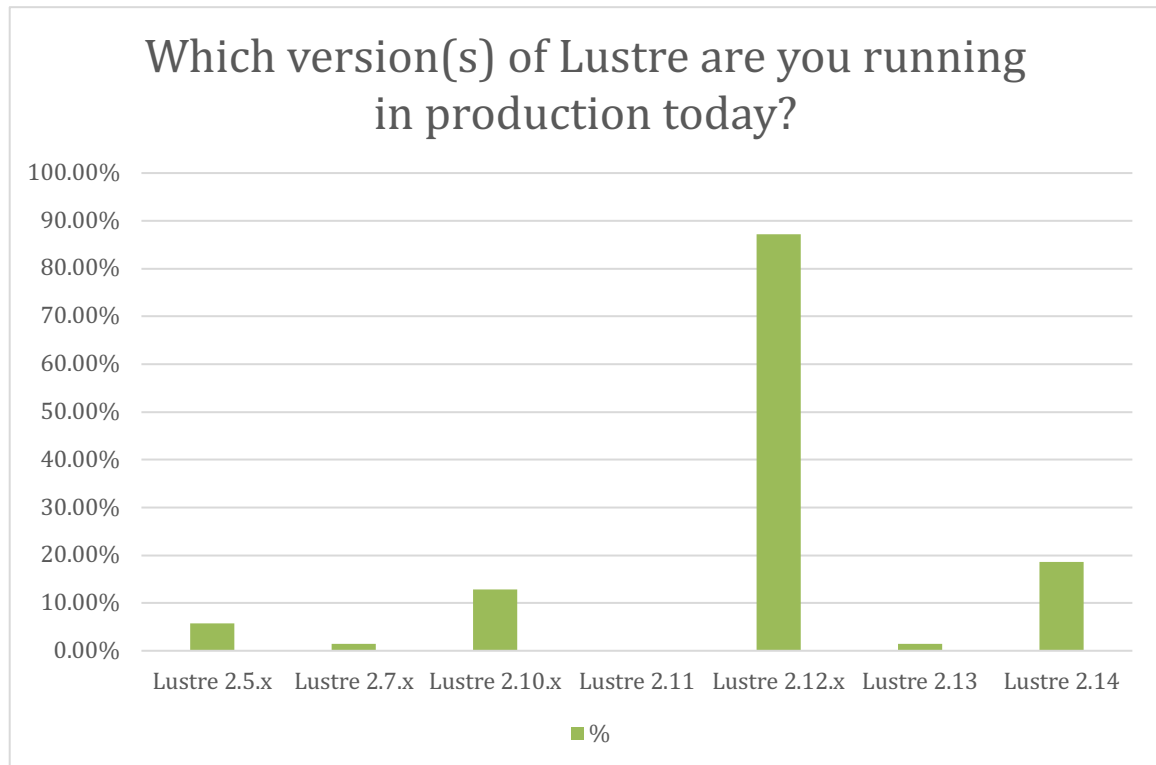- There is a lot of uncertainty around plans for Linux distributions

Detailed Findings

1. Which version(s) of Lustre are you running in production today?

This question allowed multiple selections so the sum can exceed the total number of respondents.

Version	%	#

Lustre 2.5.x	5.71%	4
Lustre 2.7.x	1.43%	1
Lustre 2.10.x	12.86%	9
Lustre 2.11	0%	0
Lustre 2.12.x	87.14%	61
Lustre 2.13	1.43%	1
Lustre 2.14	18.57%	13

Which version(s) of Lustre are you running in production today?
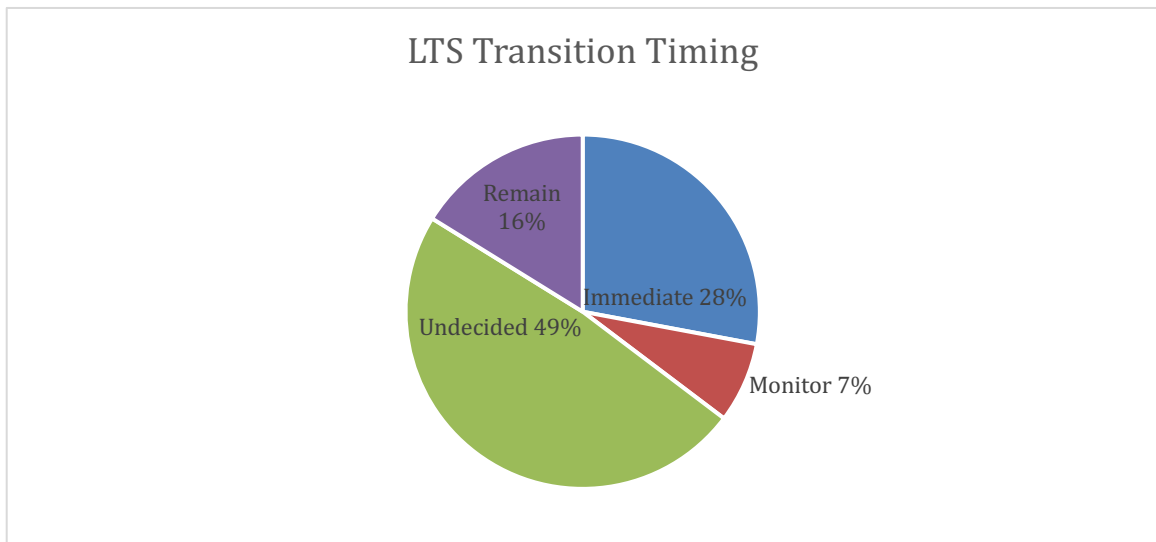

70 completed this question, 0 skipped. Other options specified includes 2.15 RC2 and Amazon FSX for Lustre.

2. <u>How quickly do you plan to move to a Lustre 2.15.x LTS release (once available)?</u>

Shortly after Lustre 2.15.0 is GA	27.94%	19
After updates cease for Lustre 2.12.x LTS	7.35%	5
Will assess feedback from early adopters before deciding	48.53%	33

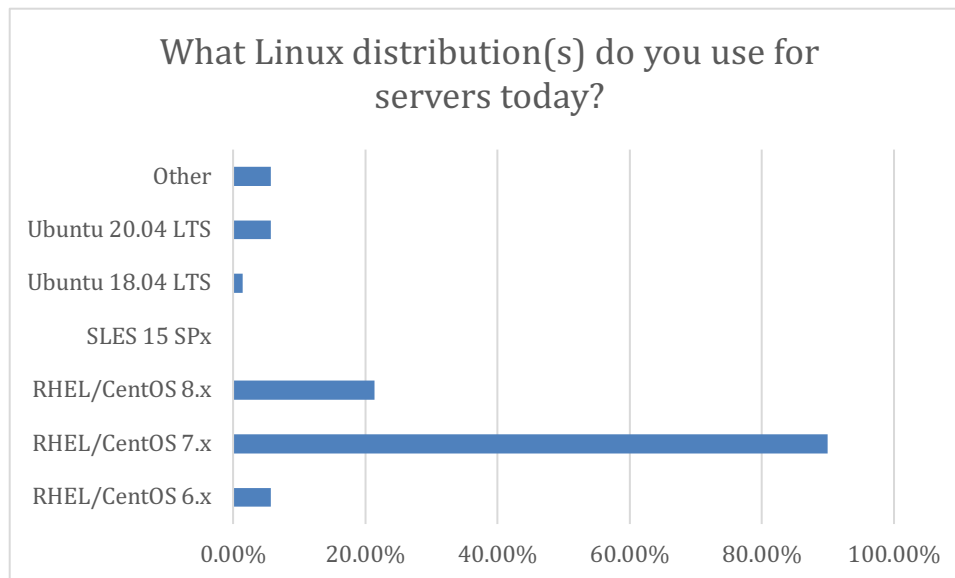| Will remain on current release as long as possible	16.18%	11

LTS Transition Timing

68 completed this question, 2 skipped

3. **What Linux distribution(s) do you use for servers today?**

This question allowed multiple selections so the sum can exceed the total number of respondents.

Distro	%	#
RHEL/CentOS 6.x	5.71%	4
RHEL/CentOS 7.x	90.00%	63
RHEL/CentOS 8.x	21.43%	15
SLES 15 SPx	0.00%	0
Ubuntu 18.04 LTS	1.43%	1
Ubuntu 20.04 LTS	5.71%	4
Other	5.71%	4

The Other selections did not specify which distro is used.

FINAL

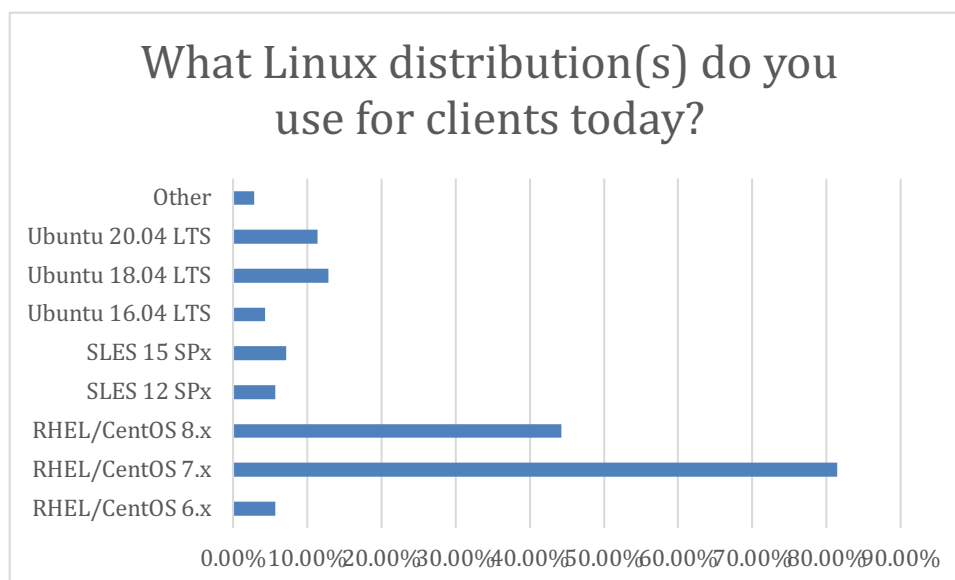## What Linux distribution(s) do you use for servers today?

70 completed this question, 0 skipped

4. <u>What Linux distribution(s) do you use for clients today?</u>

This question allowed multiple selections so the sum can exceed the total number of respondents.

Distro	%	#
RHEL/CentOS 6.x	5.71%	4
RHEL/CentOS 7.x	81.43%	57
RHEL/CentOS 8.x	44.29%	31
SLES 12 SPx	5.71%	4
SLES 15 SPx	7.14%	5
Ubuntu 16.04 LTS	4.29%	3
Ubuntu 18.04 LTS	12.86%	9
Ubuntu 20.04 LTS	11.43%	8
Other	2.86%	2

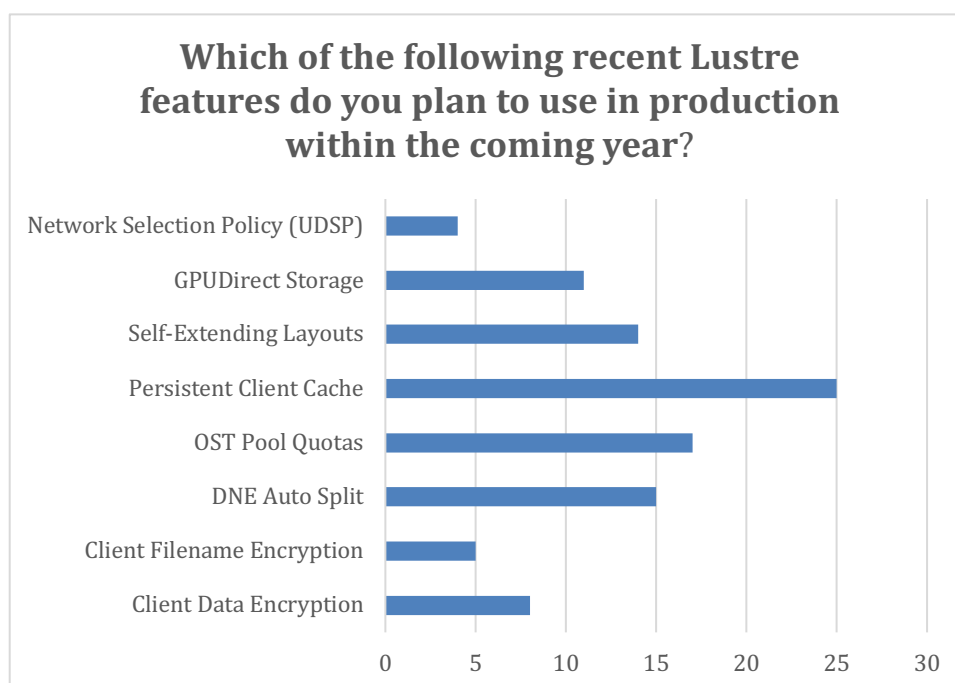**What Linux distribution(s) do you use for clients today?**

Other responses included Debian, Centos Stream and Ubuntu 22.04 releases.

70 completed this question, 0 skipped.

5. <u>Which of the following recent Lustre features do you plan to use in production within the coming year?</u>

This question allowed multiple selections so the sum can exceed the total number of respondents.

Which of the following recent Lustre features do you plan to use in production within the coming year?
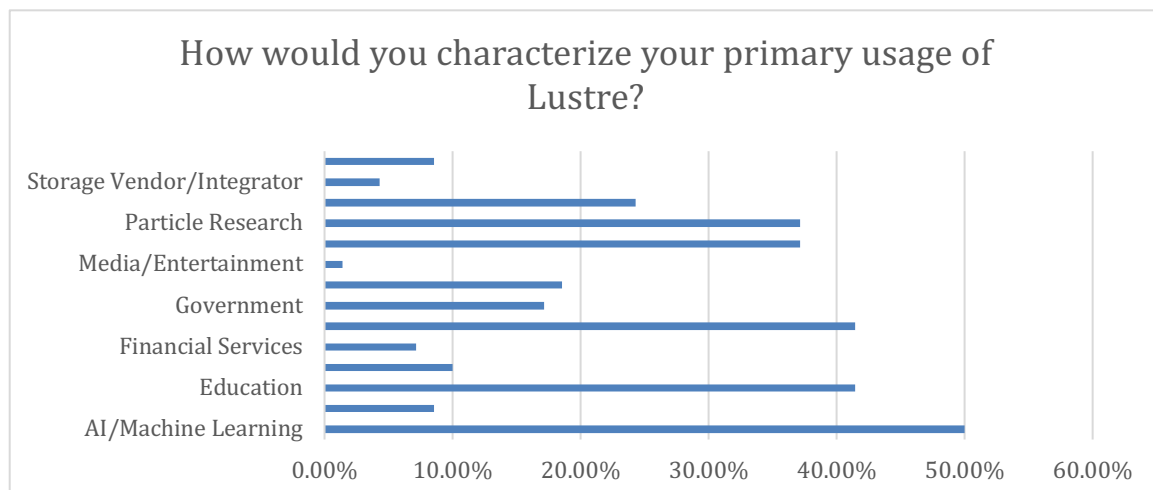
41 completed this question, 29 skipped.

6. Which organization do you represent?

53 Answered this question; 17 skipped.

7. Which categories best describes your organization's usage of Lustre?

This question allowed multiple selections so the sum can exceed the total number of respondents.

Primary Usage	%	#
AI/Machine Learning	50.00%	35
Defense	8.57%	6
Education	41.43%	29
Energy	10.00%	7
Financial Services	7.14%	5
Genomics/Life Sciences	41.43%	29
Government	17.14%	12
Manufacturing/CAD/CAE	18.57%	13
Media/Entertainment	1.43%	1
Meteorology/Climate Research	37.14%	26
Particle Research	37.14%	26
Radio Astronomy	24.29%	17
Storage Vendor/Integrator	4.29%	3
Other	8.57%	6

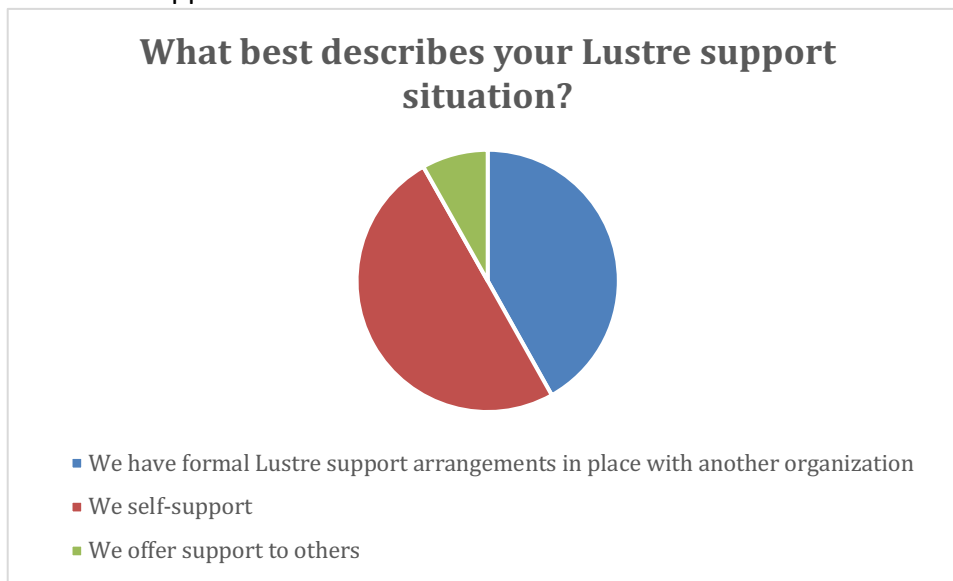How would you characterize your primary usage of Lustre?

The Other category had no commonality between selections.

70 respondents answered the question; 0 skipped.

8. What best describes your Lustre support situation?

This only permitted a single selection so the sum of respondents should equal the total number of respondents.

We have formal Lustre support arrangements in place with another organization	44.93%
We self-support	53.62%
We offer support to others	1.45%

What best describes your Lustre support situation?

- We have formal Lustre support arrangements in place with another organization
- We self-support
- We offer support to others

69 respondents answered the question; 1 skipped.

9. What are area(s) would you most like to see improvements in future versions of Lustre?

Feedback discussed at April 28th LWG meeting

38 respondents answered; 32 skipped this question.

10. Do you have any suggestions how the LWG could improve?

Feedback discussed at April 28th LWG meeting

10 respondents answered; 60 skipped this question.