

# CNCF Research Group

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# Purpose

<https://github.com/cncf/research-user-group>

“ The CNCF Research User Group’s purpose is to function as a focal point for the discussion and advancement of Research Computing using “Cloud Native” technologies. This includes enumerating current practices, identifying gaps, and directing effort to improve the Research Cloud Computing ecosystem. “

Under the umbrella of the CNCF

# Status

Recent group with a pretty slow start

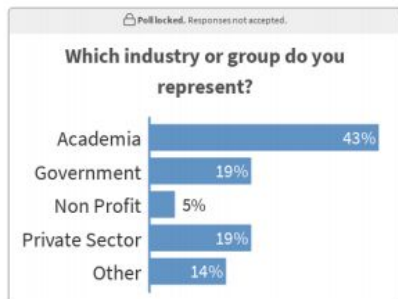
Many new faces with US sites and communities showing up at the last Kubecon

Main focus had been on Batch support on Kubernetes

Demos of kube-batch, volcano, armada and others

The Kubecon session gave a better image of the needs

# Which industry or group do you represent?



Response options

Count Percentage

**Academia**

**9 43%**

21

Responses

Government

4 19%

Non Profit

1 5%

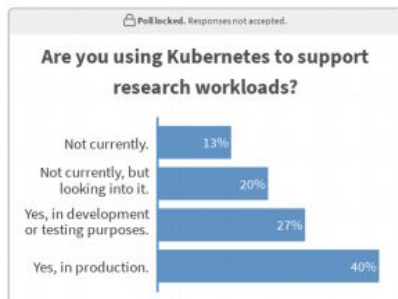
Private Sector

4 19%

Other

3 14%

# Are you using Kubernetes to support research workloads?



Response options

Count Percentage

Not currently.

2 13%

15

Responses

Not currently, but looking into it.

3 20%

Yes, in development or testing purposes.

4 27%

**Yes, in production.**

**6 40%**

## What is the biggest pain point you've encountered with using Kubernetes as a research platform?

"Almost too many options & new added every quarter"

"Multi Cluster"

"Learning Curve for our Users"

"It's easy"

"run-to-completion job support"

"IPV6"

"Learning Curve"

"effort required"

"Scheduling"

"Shared file systems"

"Networking"



# Where should we focus our efforts?

Top



# Get Involved

CERN is already attending the regular meetings

And in close contact with several of the members...

Reply to the survey

<https://github.com/cncf/research-user-group/tree/master/org-index>

Join the twice-monthly meetings:

Second Wednesdays at 09:00 UTC

Fourth Wednesdays at 15:00 UTC.