Ceph Multi-Cluster Management

40 responses
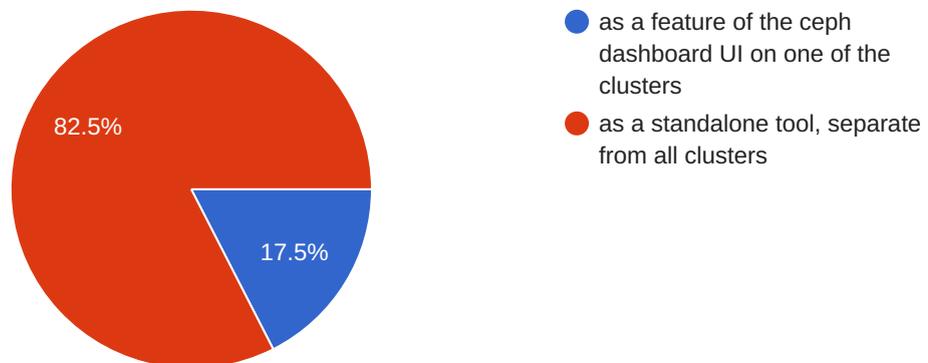
1. How many Ceph Clusters do you manage?

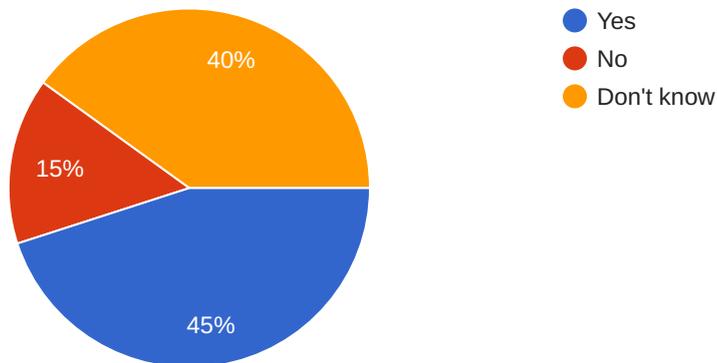40 responses

- ● 1
- ● 2-5
- ● > 5

35%

10%

55%
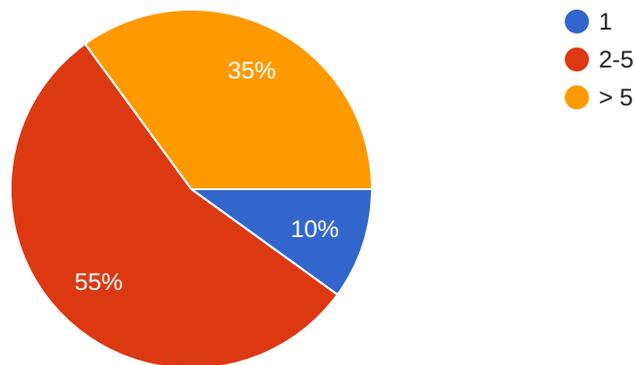
2. Where should the multi-cluster feature reside?

40 responses

- ● as a feature of the ceph dashboard UI on one of the clusters
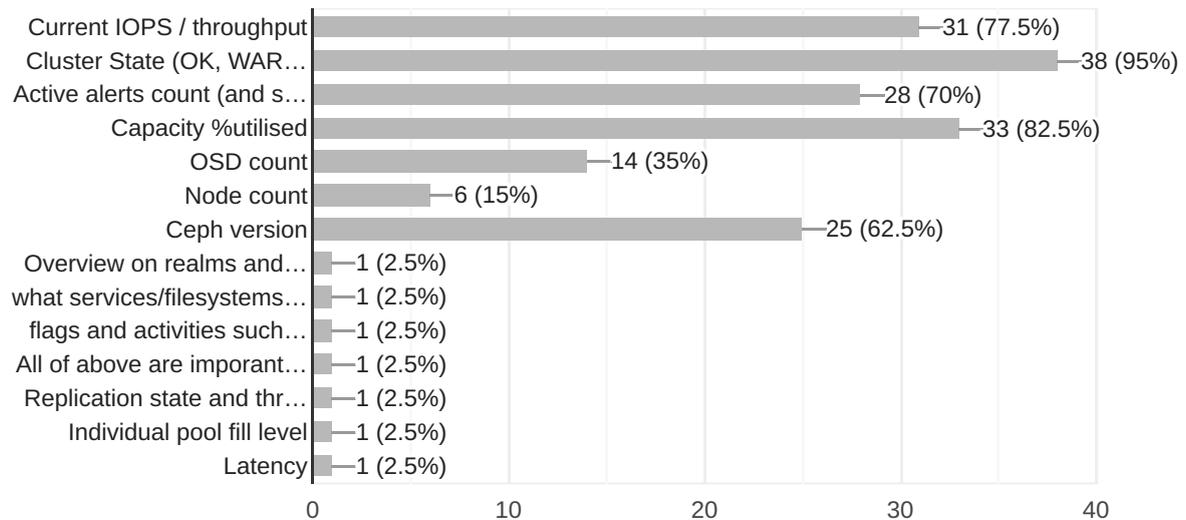- ● as a standalone tool, separate from all clusters

82.5%

17.5%

3. When managing multiple clusters, do you think having the ability to organise 'like' clusters into groups would be beneficial?
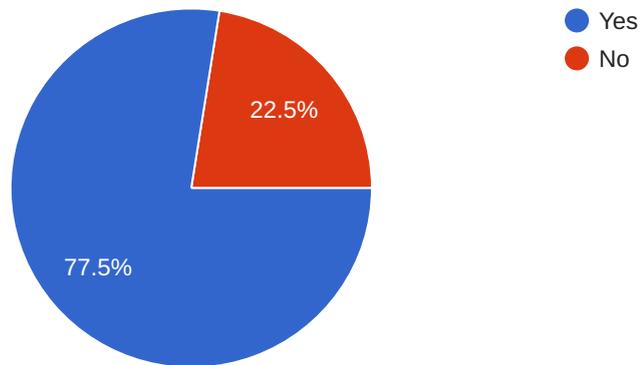
40 responses

- Yes
- No
- Don't know

45%
15%
40%

4. What kinds of attributes do you think are important when getting a high-level understanding of a Ceph cluster?

40 responses

| Attribute	Count
Current IOPS / throughput	31 (77.5%)
Cluster State (OK, WAR…	38 (95%)
Active alerts count (and s…	28 (70%)
Capacity %utilised	33 (82.5%)
OSD count	14 (35%)
Node count	6 (15%)
Ceph version	25 (62.5%)
Overview on realms and…	1 (2.5%)
what services/filesystems…	1 (2.5%)
flags and activities such…	1 (2.5%)
All of above are imporant…	1 (2.5%)
Replication state and thr…	1 (2.5%)
Individual pool fill level	1 (2.5%)
Latency	1 (2.5%)

5. Would understanding the services supported by each cluster be beneficial? For example; rbd, file, object, iscsi, NFS etc
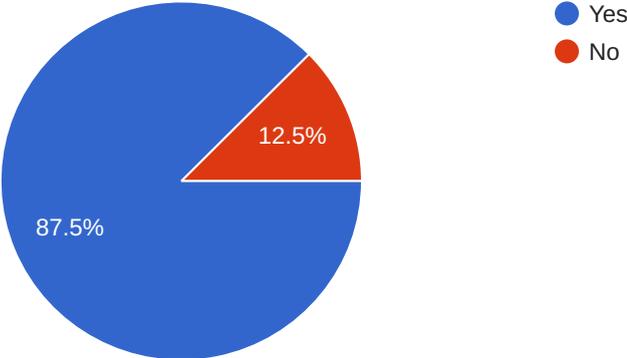
40 responses

- Yes
- No

22.5%

77.5%

6. Should the multi-cluster interface allow you to change the configuration on any cluster directly?

40 responses

- Yes
- No

52.5%

47.5%
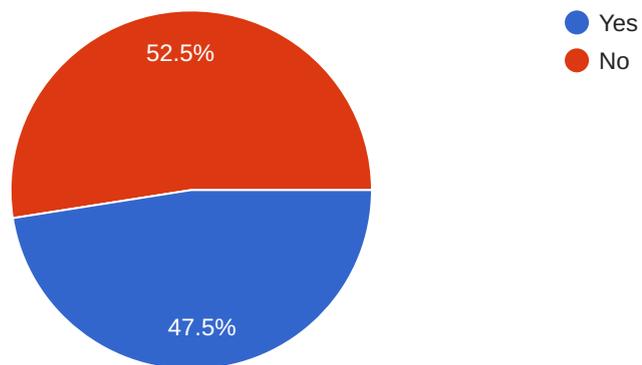
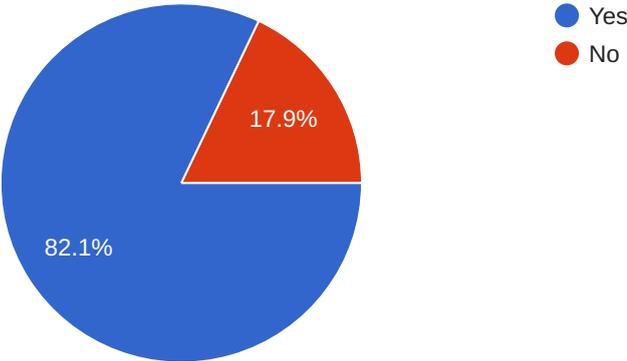## 7. Should the interface provide an aggregated view of all alerts across all clusters

40 responses

- Yes
- No

12.5%

87.5%

8. Should the interface provide an aggregated view of key statistics from all clusters

39 responses

- Yes
- No

17.9%

82.1%

9. Should Capacity Planning be a component of the multi-cluster manager feature

40 responses
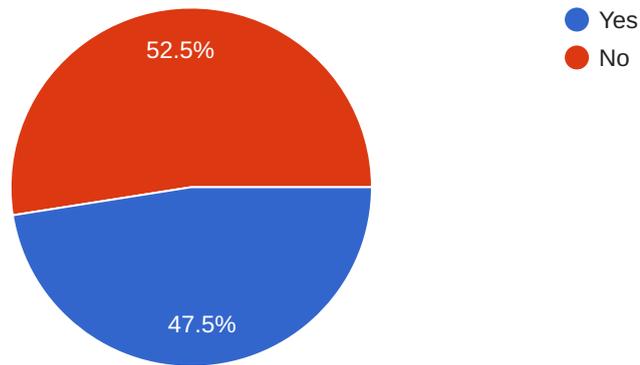

- ● Yes
- ● No

70%
30%
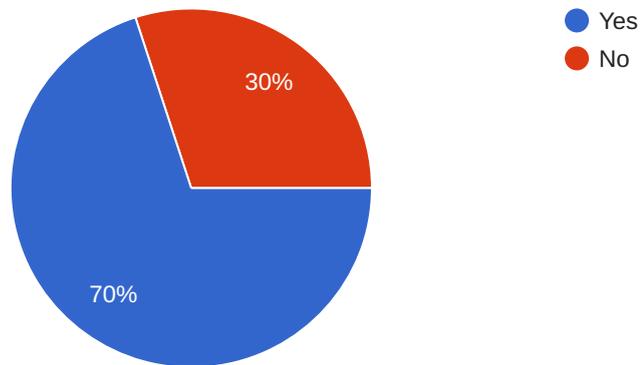
10. The accuracy of capacity planning and forecasting depends upon the size of the data model. In your organisation, what time period do you use for forecasting?

40 responses

- ● 1 month
- ● 6 months
- ● 1 year
- ● 3 years
- ● We don't, my Ceph cluster ist just used for development and testing
- ● Weekly

27.5%
10%
12.5%
45%
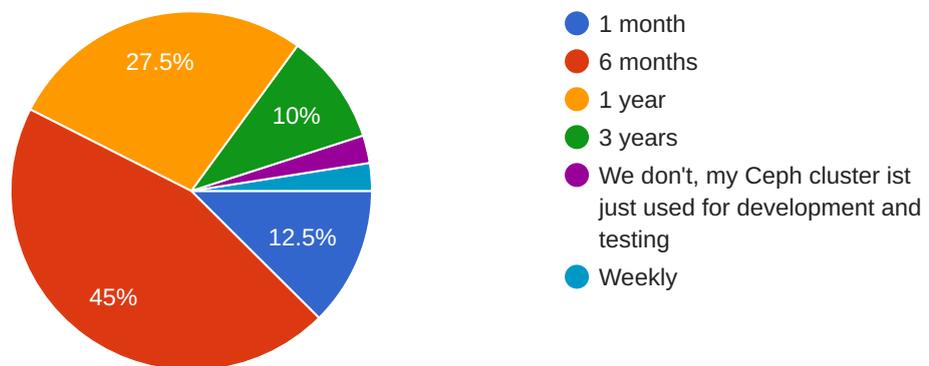
11. Do you think a multi-cluster feature requires high availability?

40 responses

- Yes
- No

52.5%
47.5%

12. Assuming alert visibility across your clusters is important, what are the monitoring stacks the feature should integrate with?

40 responses

- Prometheus / Alertmanager
- Nagios / Cacti
- Influxdb / Telegraf
- graphite / collectd / grafana
- This is more a question of pri…
- All of them and CheckMK :) P…
- We use Nagios, Collectd, Gra…
- Icinga

▲ 1/2 ▼

12.5%
67.5%
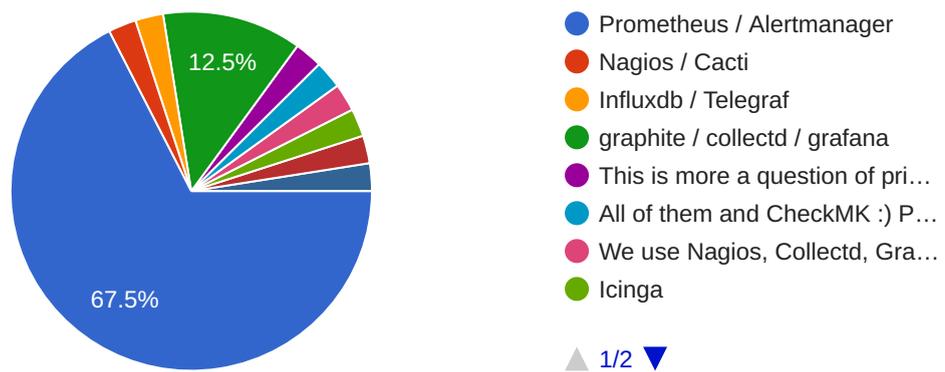
13. What other features could be considered valuable to a multi-cluster solution?
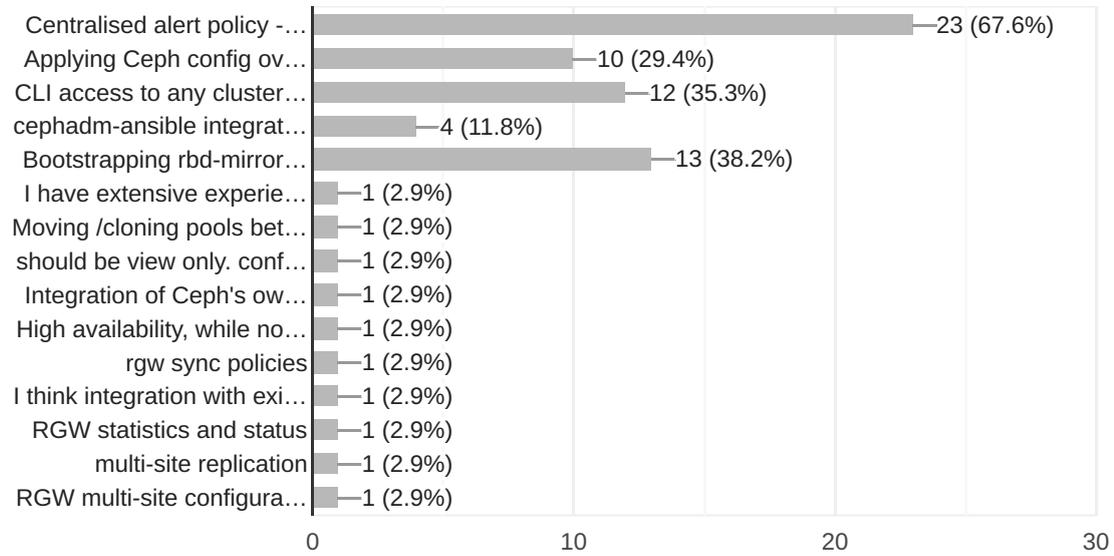
34 responses

Feature	Count
Centralised alert policy -...	23 (67.6%)
Applying Ceph config ov...	10 (29.4%)
CLI access to any cluster...	12 (35.3%)
cephadm-ansible integrat...	4 (11.8%)
Bootstrapping rbd-mirror...	13 (38.2%)
I have extensive experie...	1 (2.9%)
Moving /cloning pools bet...	1 (2.9%)
should be view only. conf...	1 (2.9%)
Integration of Ceph's ow...	1 (2.9%)
High availability, while no...	1 (2.9%)
rgw sync policies	1 (2.9%)
I think integration with exi...	1 (2.9%)
RGW statistics and status	1 (2.9%)
multi-site replication	1 (2.9%)
RGW multi-site configura...	1 (2.9%)