System Performance Monitoring Questionnaire Response Summary:

Name:	Age:
Lise Volsing Smith	29
Sune Kirkeby	39
Troels Madsen	32
Emmely	35

How many years have you been working as software developer?
4 responses

4.5
20
10
4

What is your currently job position and title?
4 responses

Software Developer
Lead Architect
Consulant in Netcompany
Software Engineer, intern

Please explain short what kind of tasks do you have for your current job position?

4 responses

Development of web-based systems mostly. Both frontend and backend.

1) Write software, 2) make software-architecture plans, and help others with 1 and 2.

Maintain and develop feature for business critical IT systems.

CMS backend developer

Are you using any System Performance Monitoring(SPM) tool in your current job? If yes, please explain which advantages the tool gives you as a DevOps/developer/operator.

4 responses

Kibana, for logs. Graphana for system performance.

Yes, a combination of InfluxDB/Grafana and Icinga. It helps us spot problems (hopefully before they impact end-users), and it helps us diagnose problems.

Not so much as I wish. It provides a great overview about the performance of eash little elements of the system I am current working on

No

When do you think the developer should implement a SPM tool in a software developing cycle? Please explain your answer

4 responses

As early as possible. If you can't monitor your production code, you can't investigate for errors.

As soon as possible, proper monitoring just makes your life so much better.

As early as in the implementation phase as it vouls provides a good view of which element impacts the overall performance of the system and could be avoided

I think it's most relevant later in the software developing cycle when users expect to use the system. It is a tool that can measure how well SLAs are met which is usually relevant in the release cycle..

Do you have any experience of preventing or trace performance issue using a SPM tool? If yes, please explain the experience and why/how the SPM tool have prevented or being a help to resolve the issue.

4 responses

Kibana, searching logs. We had a website crawler not performing well. The logs gave insight to which sites were slow to crawl and why.
Graphana was also used as to monitor how the queues were growing/resolving.

Yes, the last one was a slow storage area network, the pretty graphs meant we could clearly point to the SAN being the problem, and not CPU or memory or network.

Not yet

No

How long have you been using SPM?

4 responses
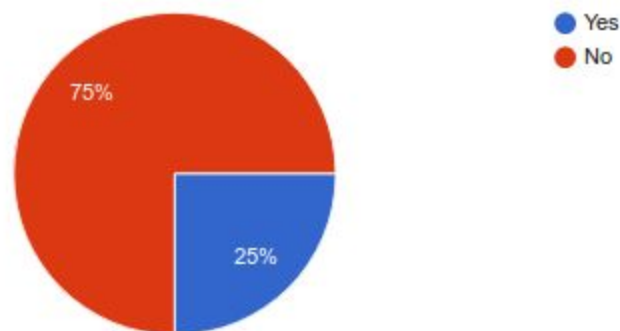
~4 years (on the side of development)

10-15 years

5 months

I have only tried it out.

Have you tried using Prometheus as monitoring metrics tool?
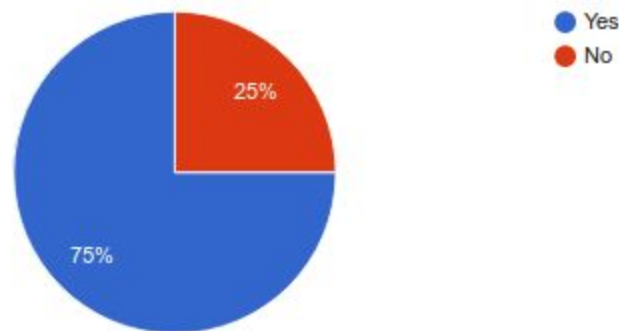
4 responses

- Yes
- No

75%

25%

If yes, what are the features of Prometheus you like most? Skip this question if you don't have any experience with Prometheus.

1 response

Easy to implement.

Have you tried using Grafana for monitoring data visualization?

4 responses

- Yes
- No

25%

75%

If yes, what are the features of Grafana you like most? Skip this question if you don't have any experience with Grafana.

3 responses

It's very configurable and an easy was to monitor queues f.ex.

Once you have setup the dashboards for your systems, it's very easy to use. It's also very pretty.

The alarm functions.

Do you have any experience in using other similar monitoring tools as fx. Prometheus and Grafana? If yes, please mention the names of the tools and eventually compare them against Prometheus and Grafana

1 response

No