How DevOps Works in MOKA

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DevOps Community in Indonesia

Jakarta, 11 Desember 2019

moka

How DevOps Works in MOKA?

[ROAD TO DEVOPSDAY JAKARTA 2020]

Wednesday, Dec 11, 2019

wan@mokapos.com

Pendidikan

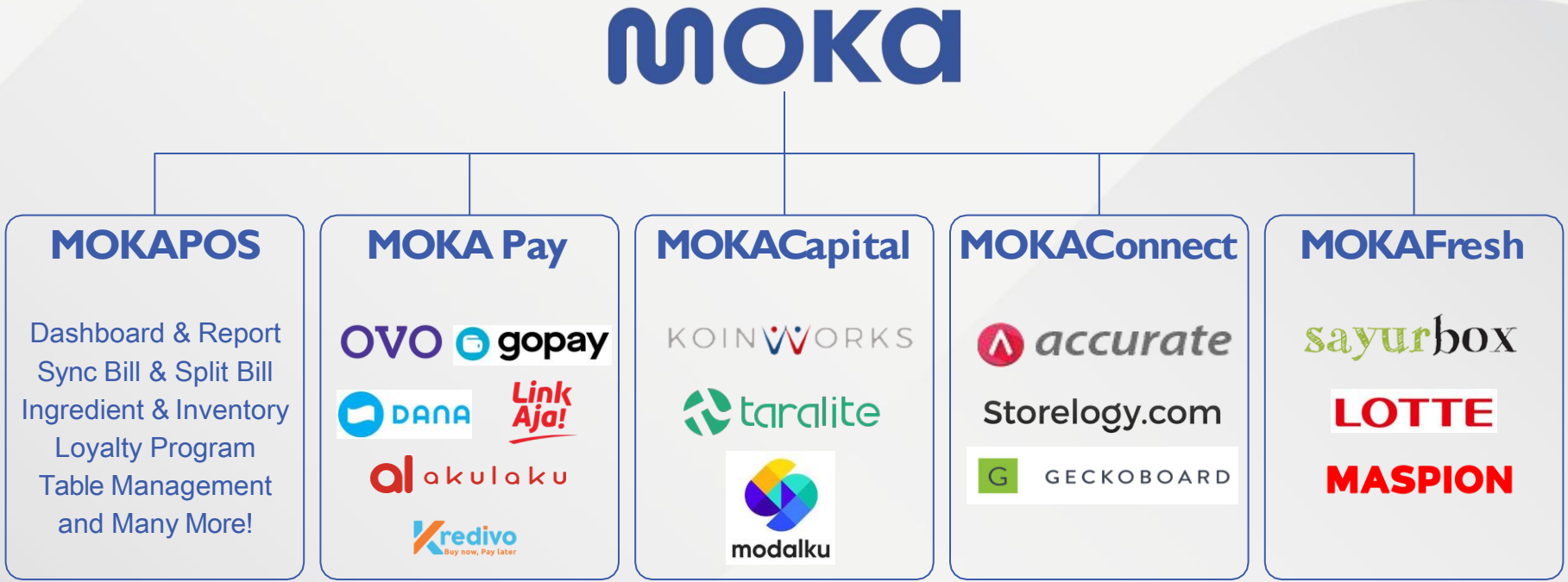
- **S. Kom**, Binus University

Pengalaman

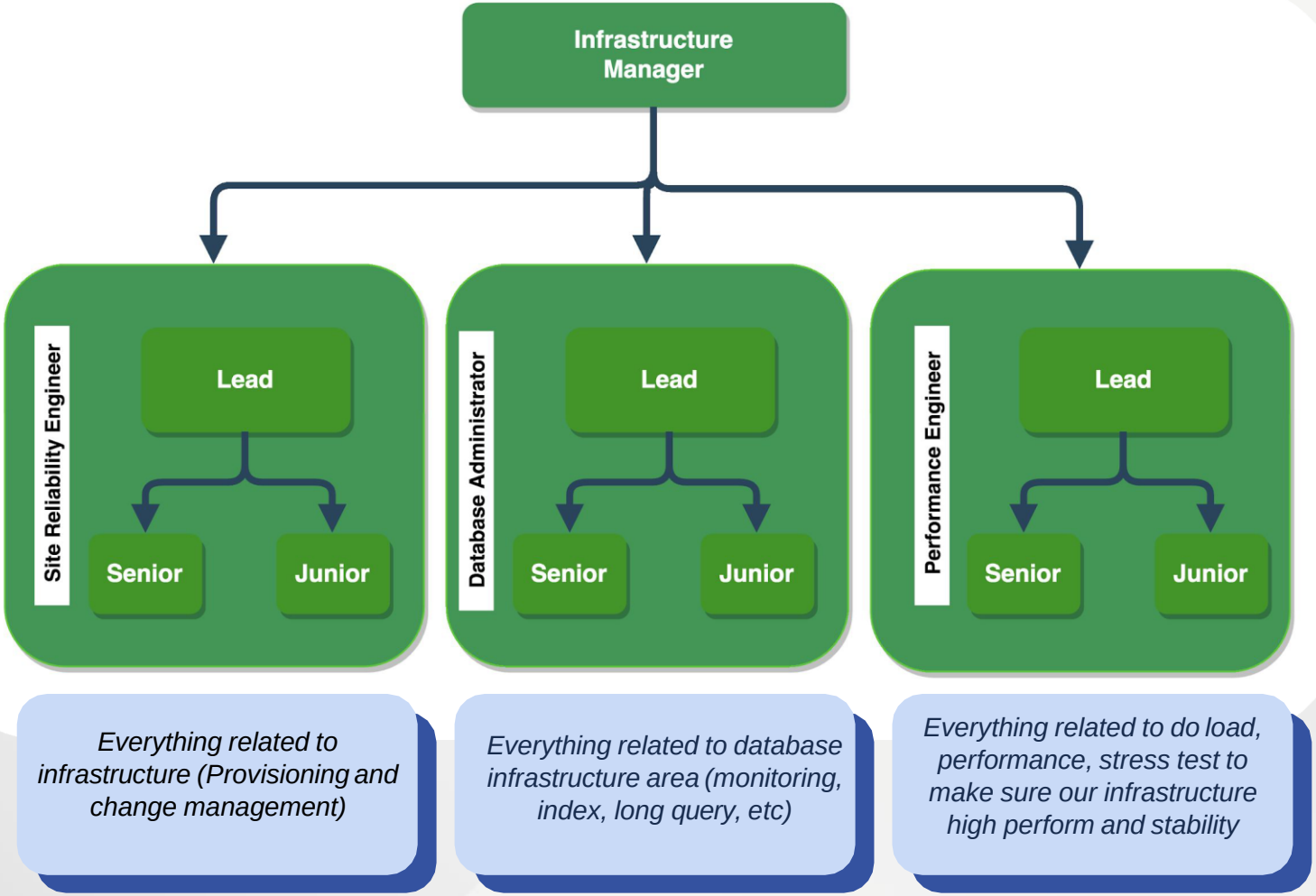
- **Intern for System Developer**, PT Djarum
- **System Infrastructure & DevOps**, Happy5.co
- **Senior Reliability Engineer**, Moka
- **Lead Site Reliability Engineer**, Moka
- **Site Reliability Engineer Manager**, Moka
- **Infrastructure Manager**, Moka

Moka is currently supported by
800+ employee strength.

Moka Product



Team Structure


Infrastructure Manager
Site Reliability Engineer
Lead
Senior
Junior
Database Administrator
Lead
Senior
Junior
Performance Engineer
Lead
Senior
Junior
Everything related to infrastructure (Provisioning and change management)
Everything related to database infrastructure area (monitoring, index, long query, etc)
Everything related to do load, performance, stress test to make sure our infrastructure high perform and stability

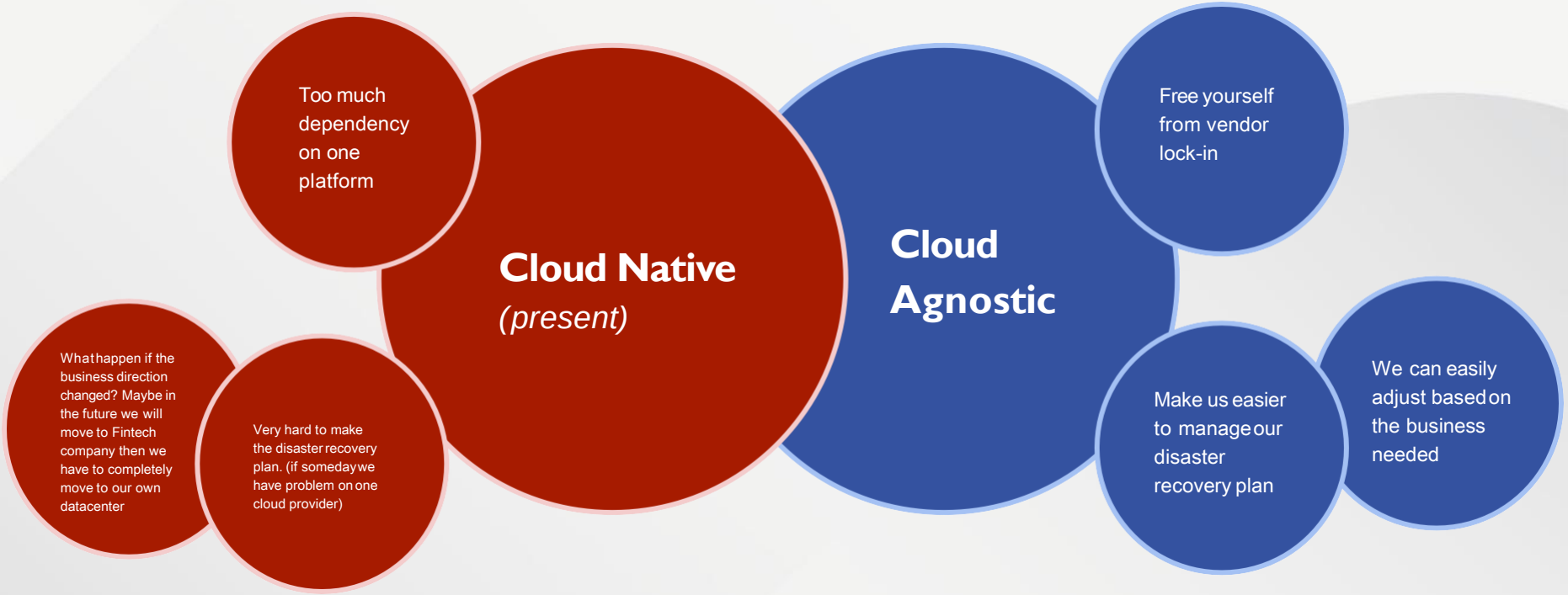
Team Member

NO.1
Pay 3
Get 4
BONUS CASHBACK REWARD
Negeri Dongeng

How we work?

Maintenance and custom request
New services (provisioning and change management)
Serving PODS
OPERATIONAL
RESEARCH
Based on operational needs
Improvement using new technology because of limitation
Support release train for Blue-green deployment
On Call
Maintain Legacy
Incident Response
Will be rotated quarterly

What is our philosophy now?



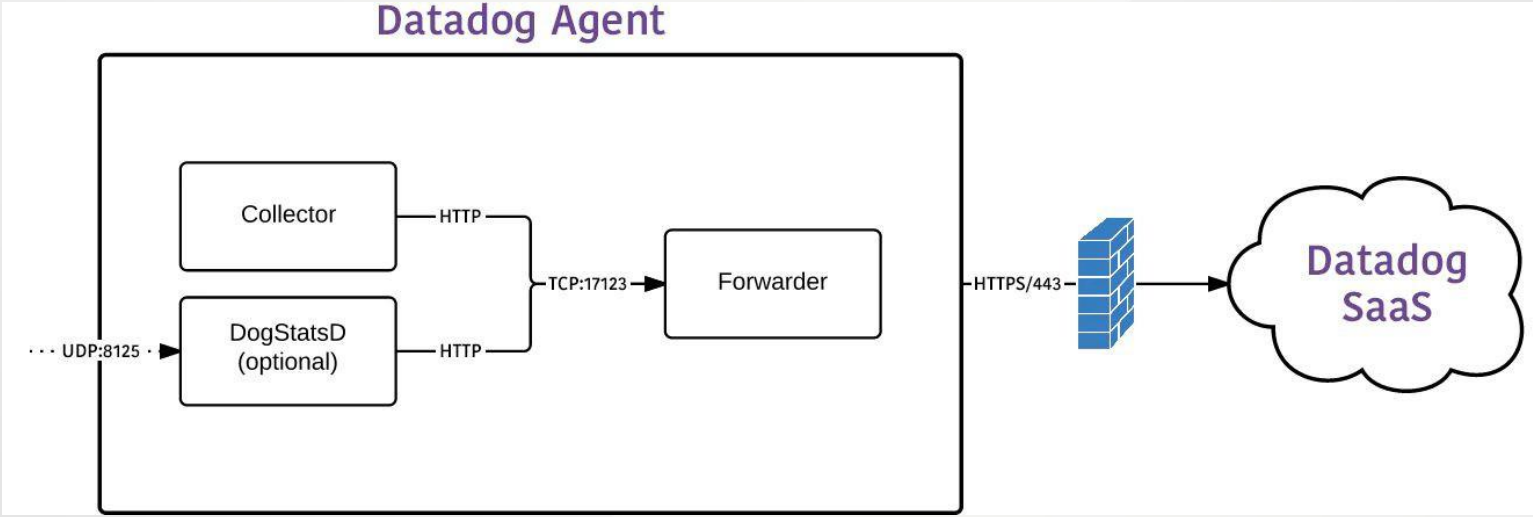
The example of

How to find the technology limitation

We know Datadog agent has some services to send the data using some agent that was installed through the server.

Question?

“What happen if we got some problem on the server resource? And how if the agent is not sending the status properly to the Datadog dashboard?”



The example of

How we solve the technology limitation?

Question?

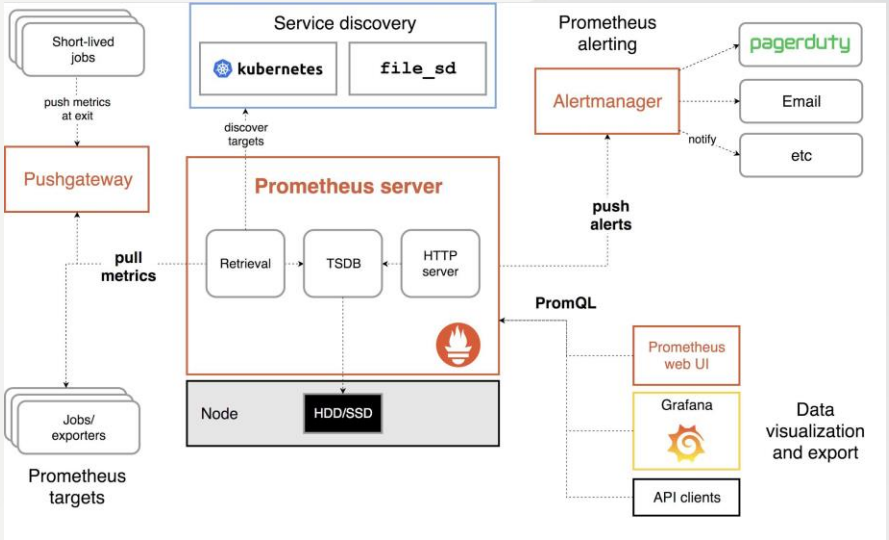
What happen if we got some problem on the server resource? And how if the agent is not sending the status properly to the Datadog dashboard?

Answer?

Datadog can't solved that case, because Datadog agent is only **pushing the metric** to the server.

Then, we need to find alternative solution.

Prometheus can solved our problem, because the prometheus agent work is only **exposing the metric** and the **prometheus server** will crawler the agent host to save the metric needed.



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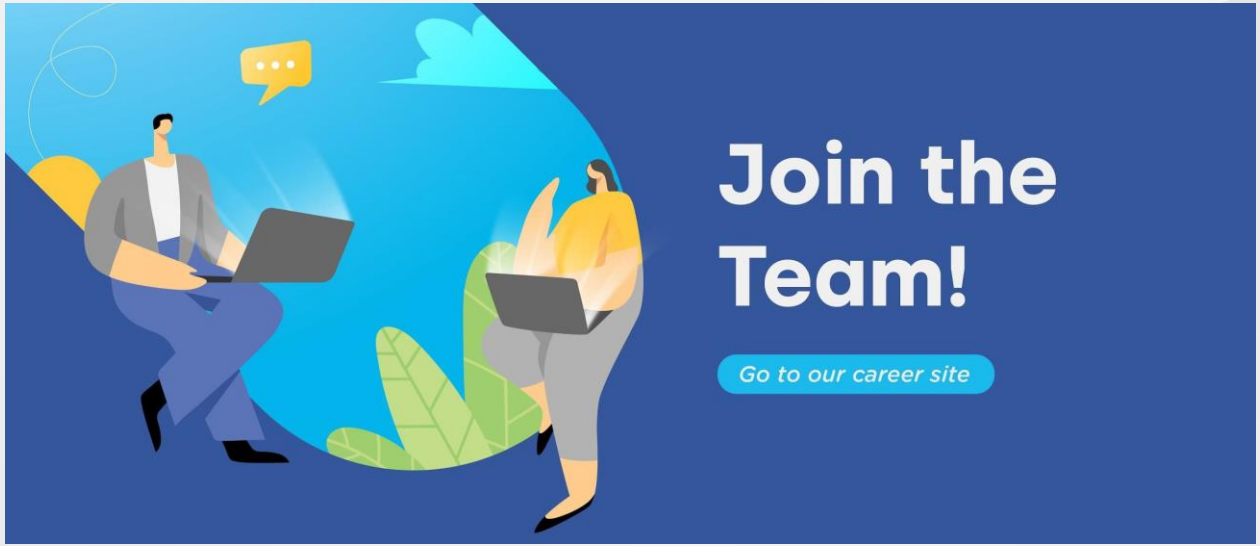

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Thank you!

Sampai jumpa | See you | またね | बाद मSee you|
| मलते ह 以后见

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Alone We are smart, together We are brilliant

DEVOPS INDONESIA

THANK YOU !

Quote by Steve Anderson