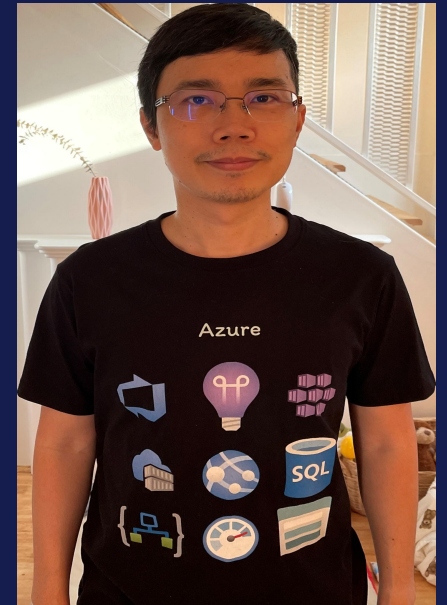
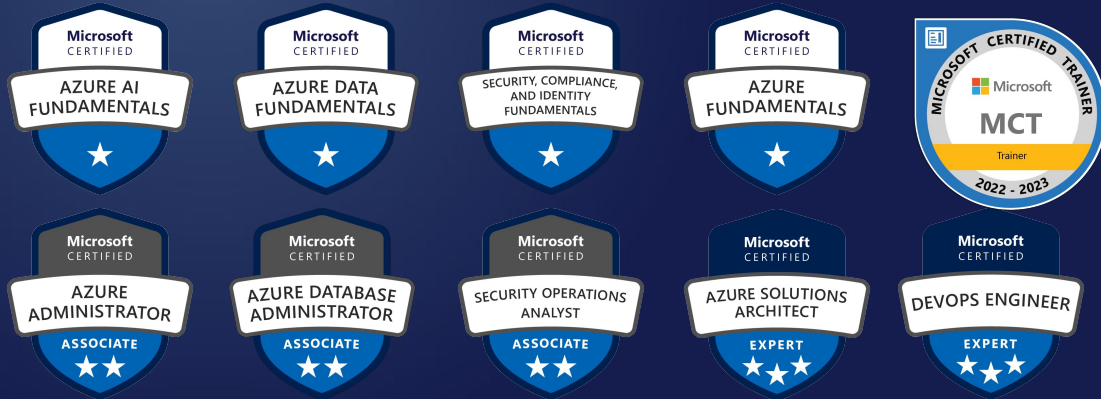


Build a Node.js app For MongoDB Atlas on Microsoft Azure



Piti (Fyi) Champeethong
Sr. Consulting Engineer @ MongoDB

<https://github.com/ninefyi>

<https://www.fb.com/groups/mongodbthailand>

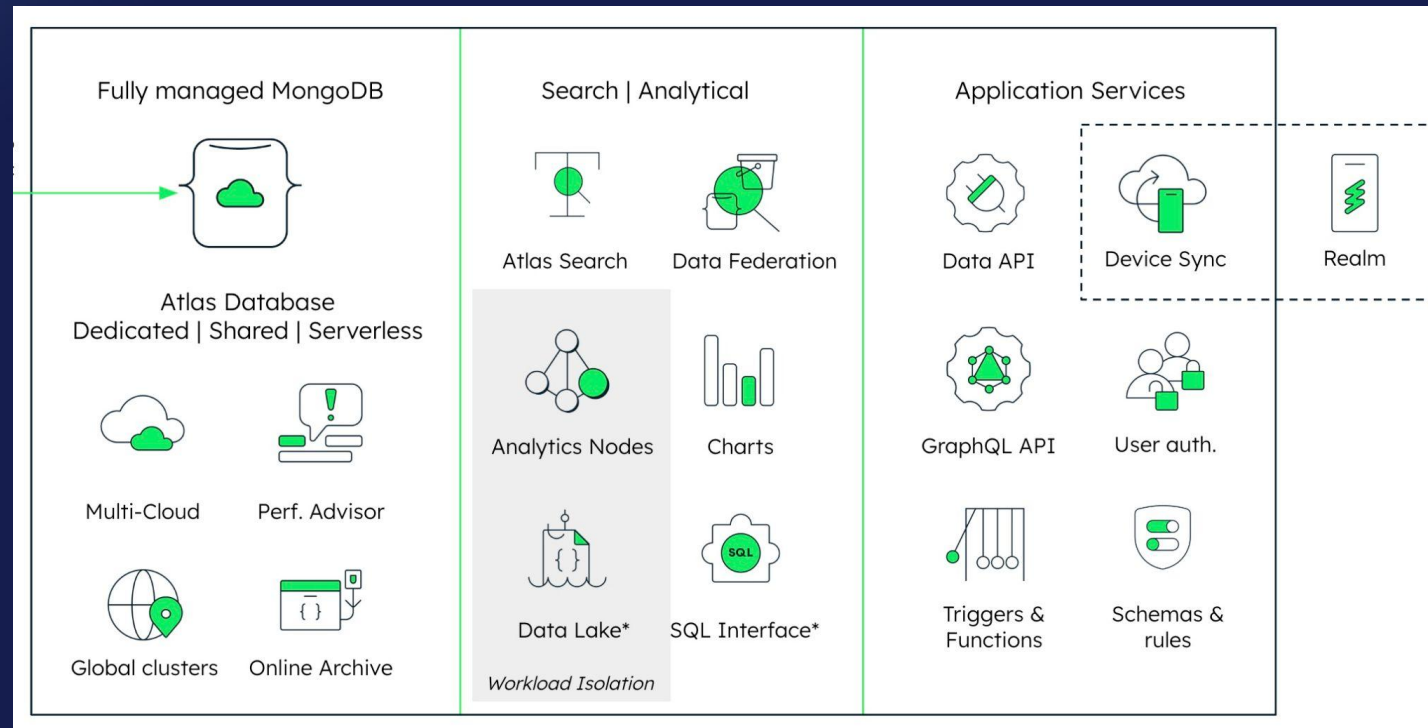
10-Mar-2023

Agenda

- Introduction to MongoDB Atlas
- Introduction to Azure App Service
- Introduction to GitHub Actions
- Introduction to GitHub Codespaces
- Deploy Node.js app with MongoDB Atlas to Azure App Service
- Q&A

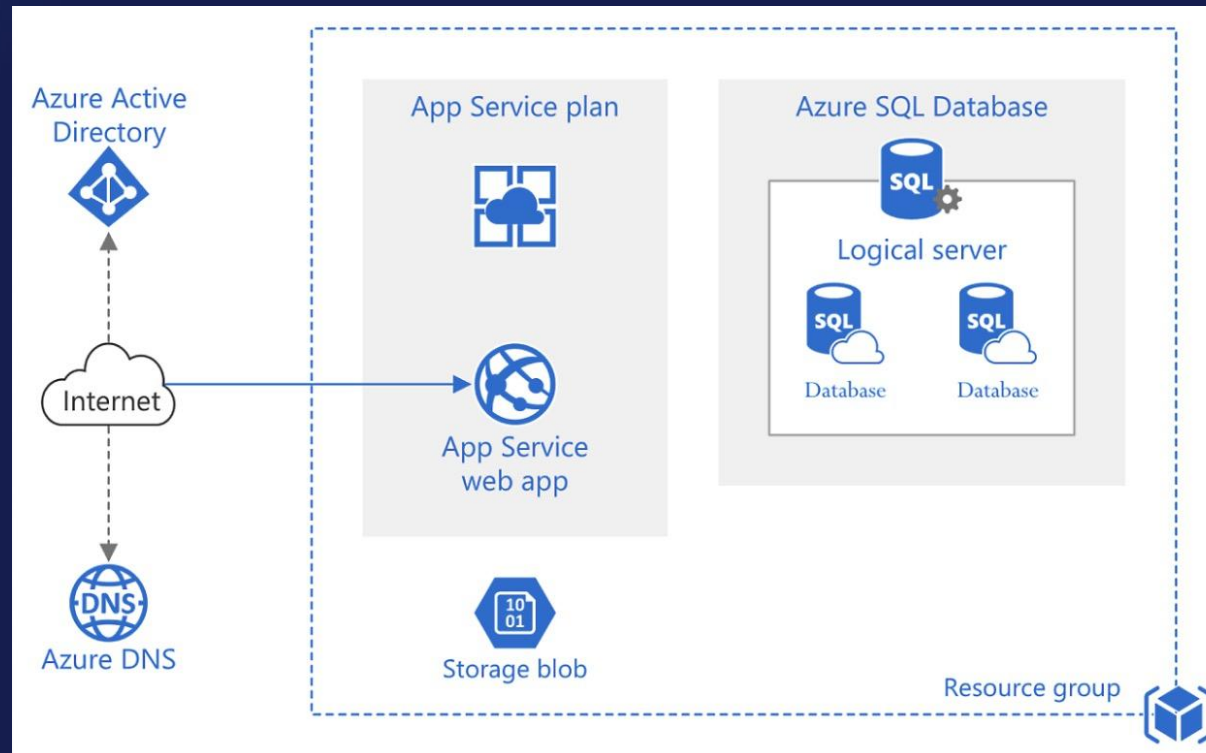
Introduction to MongoDB Atlas

- Developer Data Platform (Frontend, API, Database).
- Always free plan (M0) - 512MB
- Use Infrastructure from on Azure, GCP, and AWS



Introduction to Azure App Service

- A fully managed service.
- Always Free - 1GB Storage + 10 Apps / month
- Integrated with GitHub Actions and Azure Pipelines

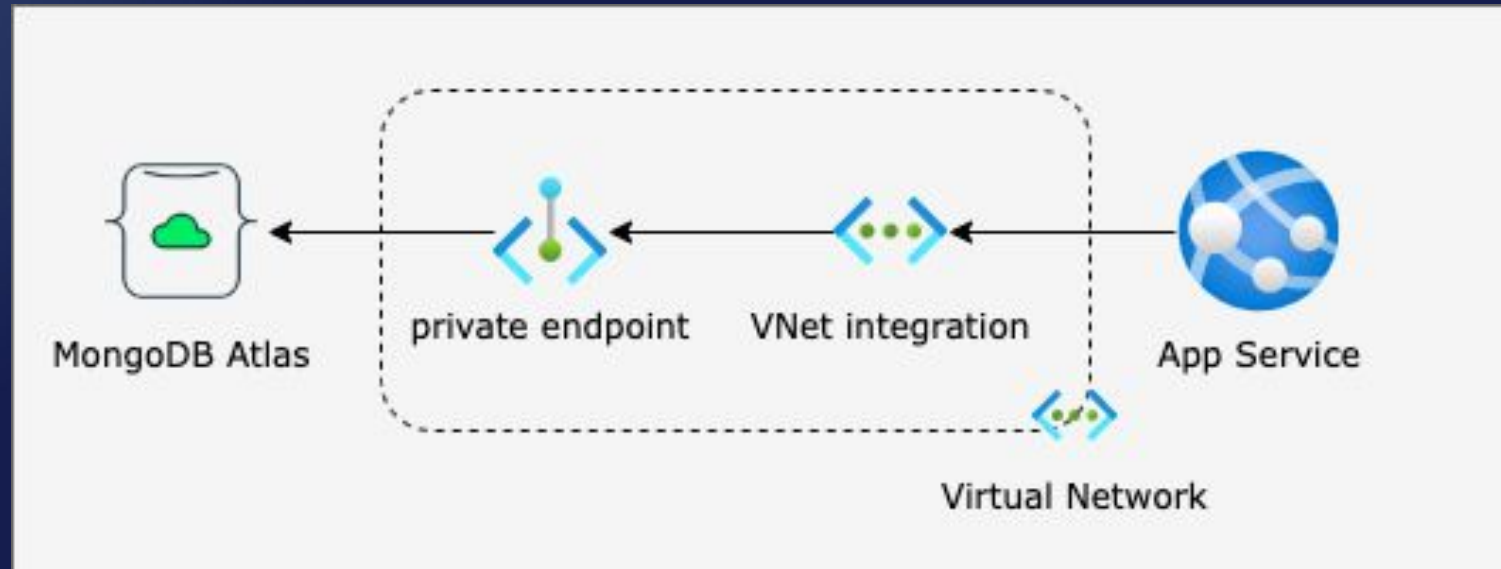


- Introduction to Github Actions
- Automate, customize, and execute your software development.
- Using YAML with workflow syntax
- 2000 CI/CD mins a month
- 500MB of Packages storage
- 17413+ actions on GitHub Marketplace

- Introduction to Github Codespace
- Code from any device
- Onboard at the speed of light
- Model, train, and analyze data
- Fix bugs right from a pull request

2 cores	60 hours free /month	\$0.18 /additional hour
4 cores	30 hours free /month	\$0.36 /additional hour
8 cores	15 hours free /month	\$0.72 /additional hour

- Demo solution



References

<https://docs.github.com/en/actions>

<https://azure.microsoft.com/en-us/products/app-service/>

<https://github.com/features/codespaces>

<https://github.com/ninefyi/az-cloud-squad-nodejs-mdb>

THANK YOU!

Q&A

