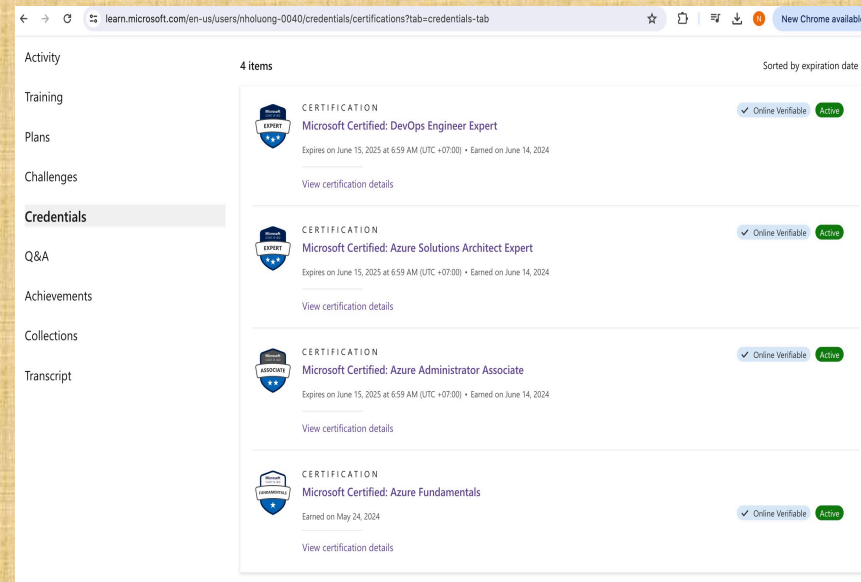
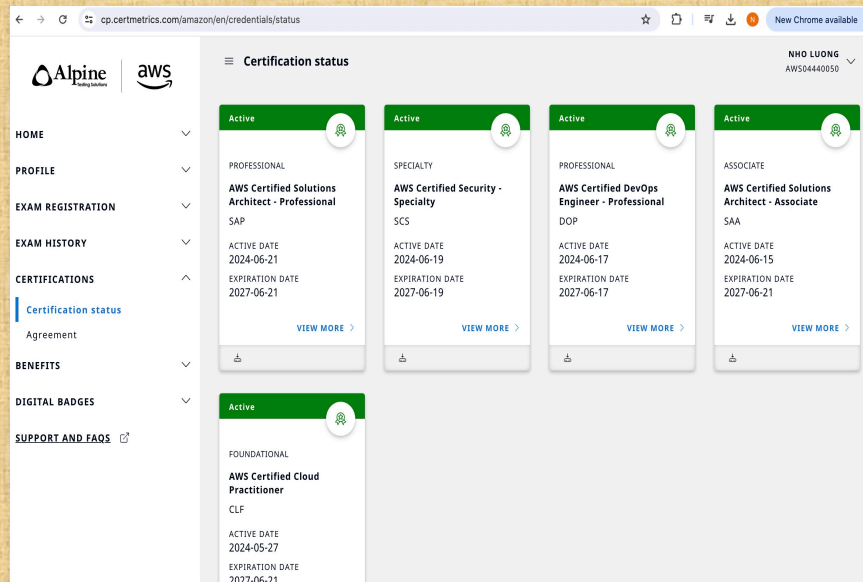


Using Azure DevOps Pipelines to provide a robust release process of GitHub based OSS projects

Author: Nho Luong

Skill: DevOps Engineer Lead

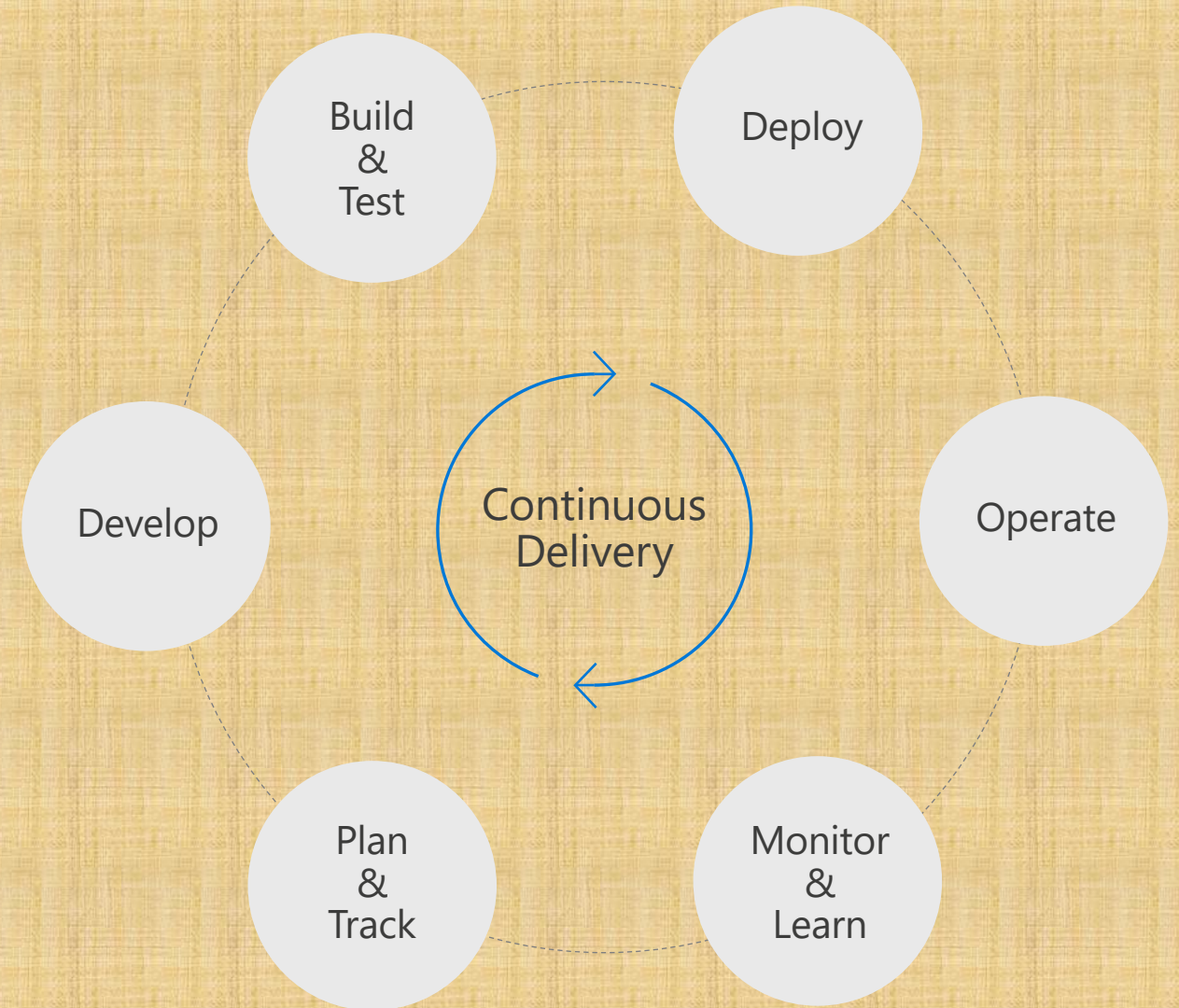


What is DevOps?

People. Process. Products.



DevOps is the union of **people**, **process**, and **products** to enable continuous delivery of value to your end users. ”



Introducing Azure DevOps



Azure Boards

Deliver value to your users faster using proven agile tools to plan, track, and discuss work across your teams.



Azure Test Plans

Test and ship with confidence using manual and exploratory testing tools.



Azure Pipelines

Build, test, and deploy with CI/CD that works with any language, platform, and cloud. Connect to GitHub or any other Git provider and deploy continuously.



Azure Artifacts

Create, host, and share packages with your team, and add artifacts to your CI/CD pipelines with a single click.



Azure Repos

Get unlimited, cloud-hosted private Git repos and collaborate to build better code with pull requests and advanced file management.



<https://azure.com/devops>

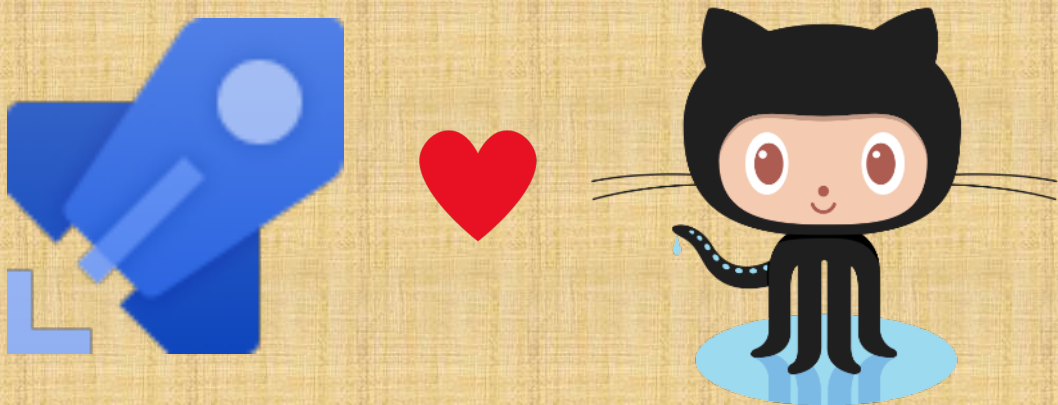


Azure Pipelines

Free **unlimited** build minutes for public projects

Up to 10 free parallel jobs across Windows, Linux and macOS

Microsoft ❤️ Open Source



Demo

Building an Azure DevOps Pipeline extension, with tasks written in PowerShell & Typescript, then deploying and testing in the Azure DevOps Marketplace

Summary

- Azure DevOps Pipelines are
 - Any Platform
 - Any Language
- Can help provide a robust DevOps build and release model
- Free for OSS projects



Thank You