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Enable DevSecOps with GitHub and SonarQube hosted on Microsoft Azure

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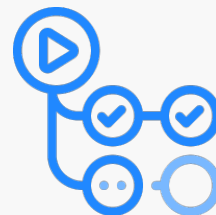
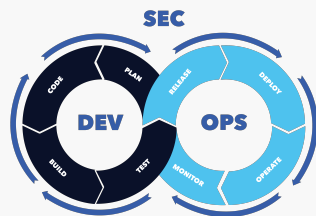
Agenda

What is DevSecOps?

What is GitHub Actions?

What is SonarQube?

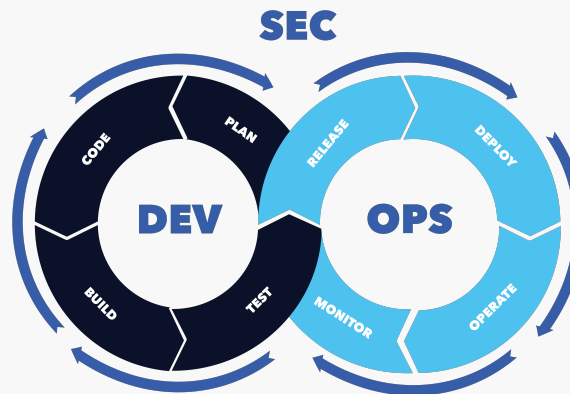
Demo



What is DevSecOps?

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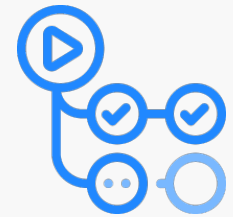
DevSecOps stands for development, security, and operations. It's an approach to culture, automation, and platform design that integrates security as a shared responsibility throughout the entire IT lifecycle.



What is GitHub Actions?

What is GitHub Actions?

- Automate, customize, and execute software development workflows
- Free 2000 CI/CD mins a month (private repos)
- Unlimited CI/CD (public repos)
- Actions Marketplace
- REST API
- GitHub-hosted & Self-hosted agent runners



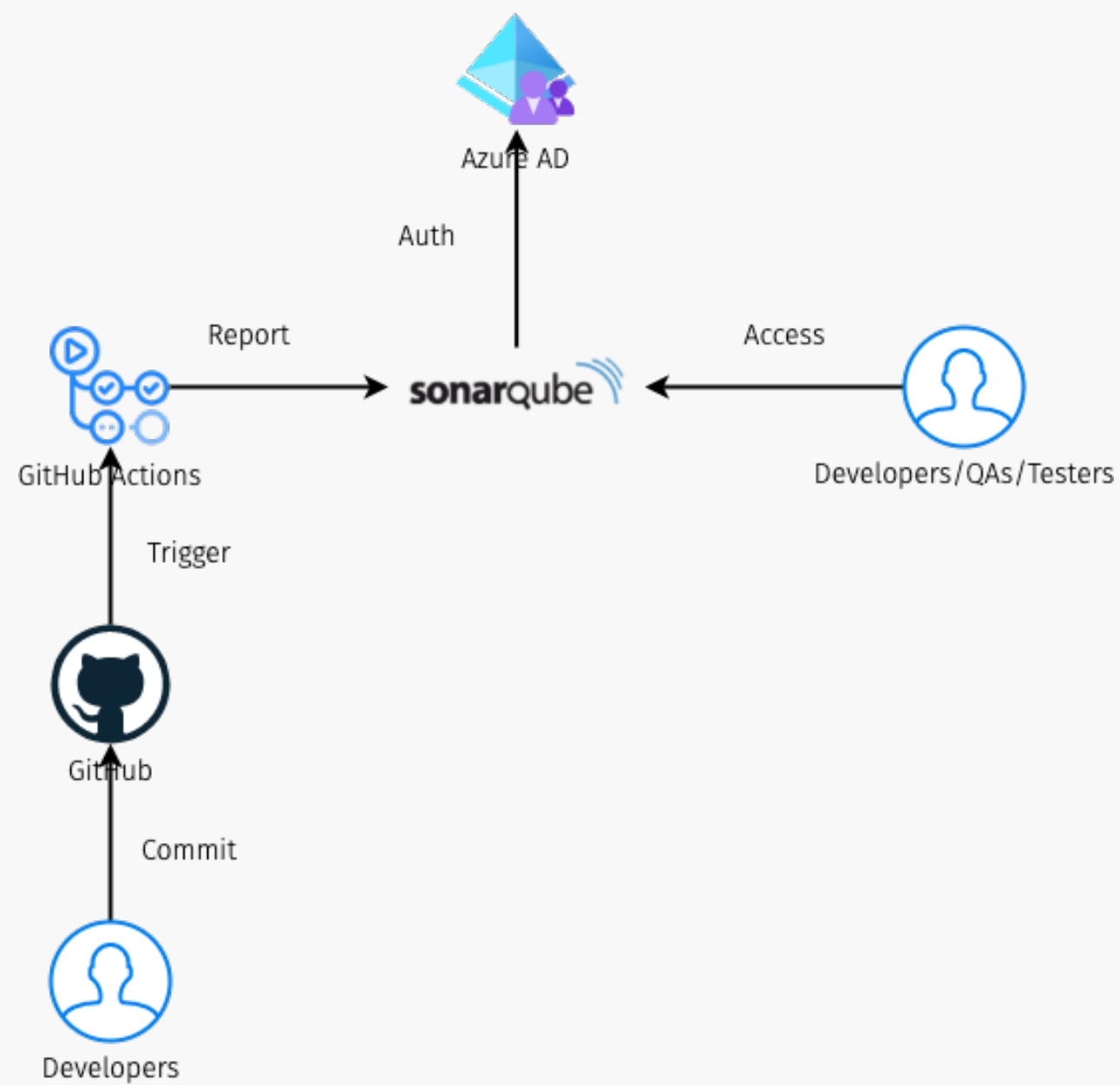
What is SonarQube?

What is SonarQube?

- Static Application Security Testing (SAST)
- Open-source platform - Community Edition
- Support Docker
- Easy integration to popular source repository platforms (GitLab, BitBucket, GitHub and Azure DevOps)

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DEMO



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Q&A

References

- GitHub Actions [Link](#)
- SonarQube Auth AAD [Link](#)
- SonarQube Community Branch Plugin [Link](#)
- My slide & code [Link](#)

