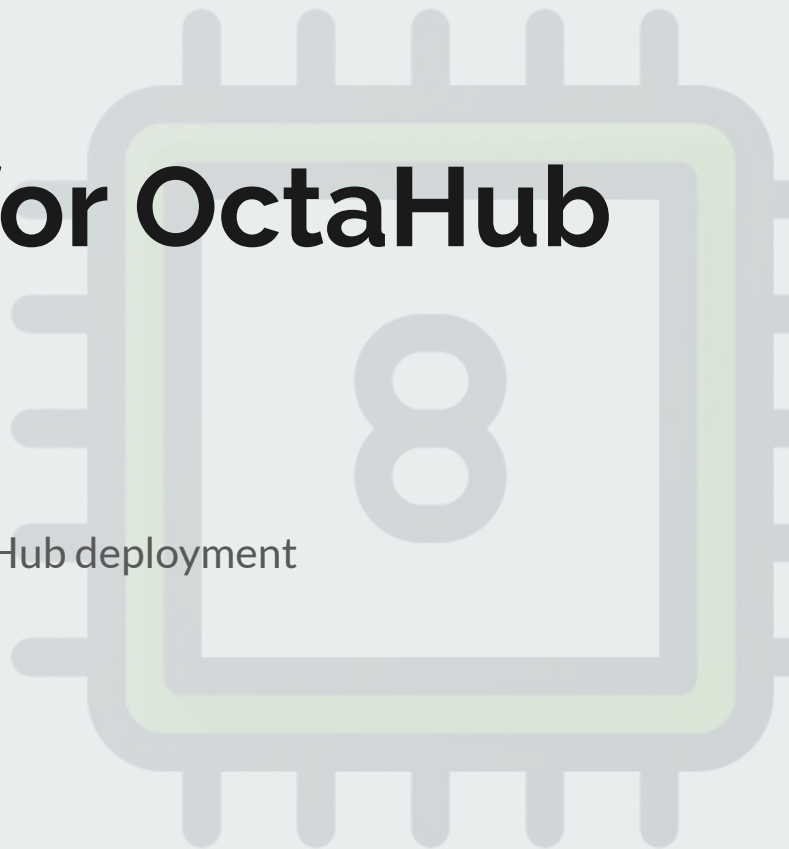# Lambda_Protect for OctaHub

Automatic branch protection and more for your GitHub deployment

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The architecture

Improve your security posture with this simple yet very effective and scalable

Lambda function. With two files (function and a layer) and utilizing

The lambda console, we are able to increase your security quickly

and effectively.

Lambda

API
Gateway

GitHub
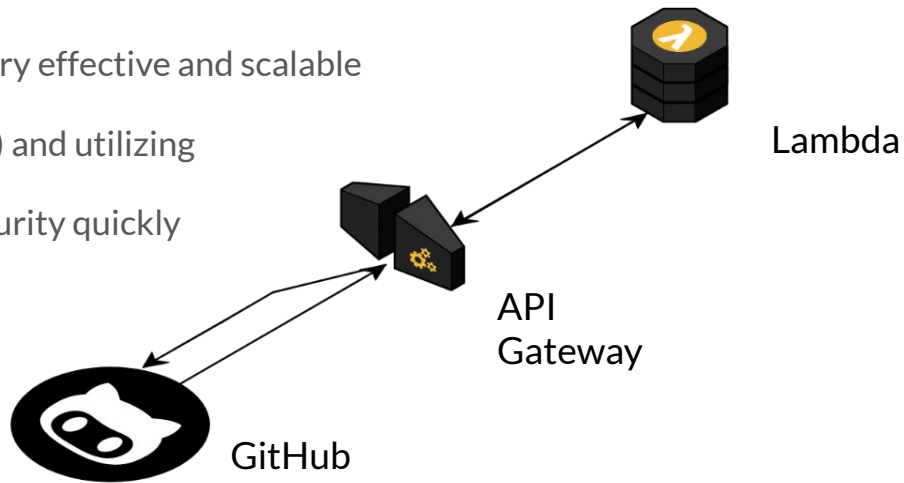
Why Lambda and why API Gateway

Why not?!

While we could package the entire action into one function, we decided to place an API gateway between your repository and your function to increase its scalability.

We can also provide a "lite" version that does not use API gateway for smaller repos.

And Lambda is very low cost, serverless, and very easy to scale. We can include a self-hosted version also. This is not supported.

The benefit and potential cost savings

Increase Security Posture automatically

Proactively support new repos, provide automatic responses based on protection level

No Engineering Hours to support infrastructure, light updates to the function based on API updates or your own requirements

Low cost to run, pay as you go, current usage would likely be in the free tier of your service provider (please confirm with SP architect).
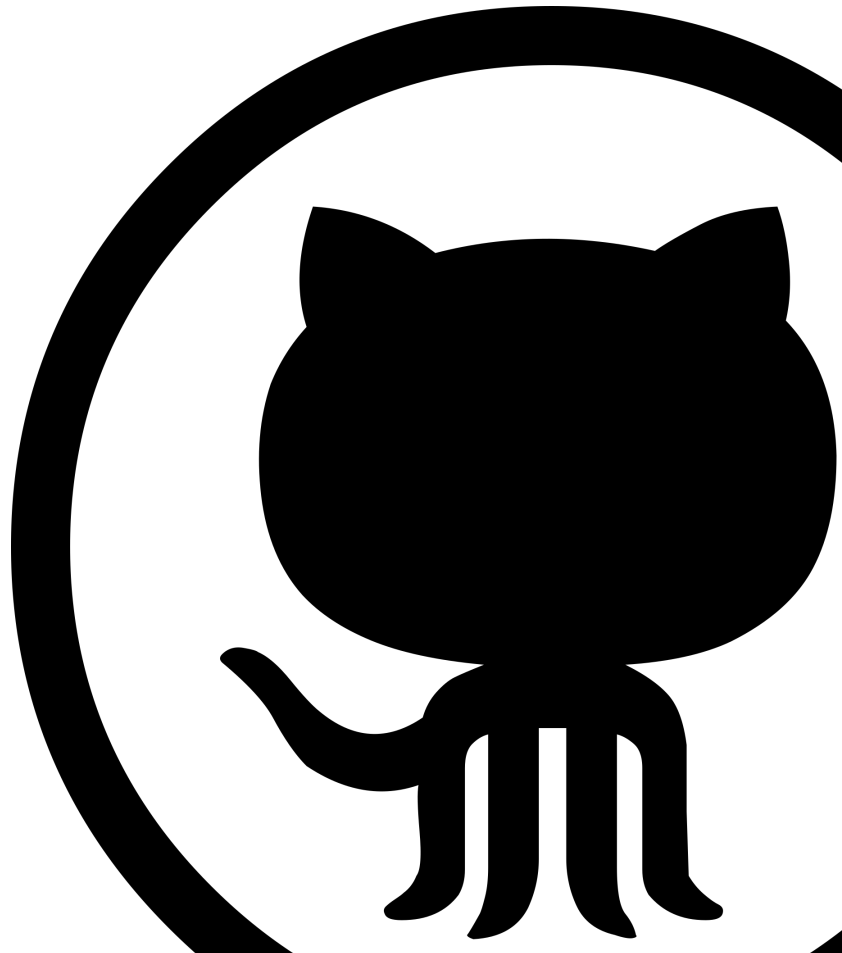
39%

Of your current repos are unprotected and possibly vulnerable.

Let's discuss next steps and how we can automate the onboarding process of this new Lambda function!

GitHub