Time: 2 days to complete

Send through the link to your solution GitHub repo prior to the interview

**The Challenge:**

You have been asked to reduce the AWS bill. You have attributed a large component of the AWS bill to EC2 cost.  After some research, you identify an opportunity to reduce costs by shutting down Dev EC2 instances outside of business hours (business hours => 9 am to 5 pm).

**You are required to create an automated solution to achieve this with AWS Lambda.**

**All EC2 tagged with `dev => true` should be shut down at 5 pm and started again at 9 am**

**Considerations:**

You are asked to use the following technologies and make recommendations where required:

- Code repository: Github

- Language: Python3

- Framework: AWS SAM

- Ensure Lambda executions are logged and follow Principal of least privileges.

- Are there any limitations to your implementation? Any risks associated? If so, explain those.

- The repository should be all in all well documented. Provide comments in code where necessary and a nicely formatted README file.

**Bonus points:**

- Usage of unit testing (TDD)

- Localized lambda testing (Docker, Mocks, etc..)

**Deliverable:**

- Send through the link to your solution GitHub repo prior to the interview.

- Be prepared to showcase and explain your solution using your own AWS account at the interview.