

API - company information on AWS

The aim is to provide a public API on AWS that enables a user

Request and save company information (e.g. company Name, Legal Entity

Number of employees, Share Capital ). Here is an example of the data:

Company Name	Legal Entity	Number of employees	Share Capital
BMW	AG	13000	800000
Commerzbank AG		14000	500000
Example Company	GmbH	300	50000

tasks

Create an API prototype with Python, which has the following functionalities:

- GET request to receive data from the database as json.
- POST request to update or new company information in the database Filing companies. It should also be possible to enter completely new information (such as company rating) for a company entry.

Save the data in an AWS database. Which is best for this use Case suitable?

Components that can be used in AWS for this:

- AWS Lambda
- AWS API Gateway

During the presentation there will be a code review and a review of the

Configuration of the AWS services.

Bonus:

- Which services could be used to monitor the architecture (monitoring / Logging)?
- Integrate user authentication. Keyword "Amazon Cognito"