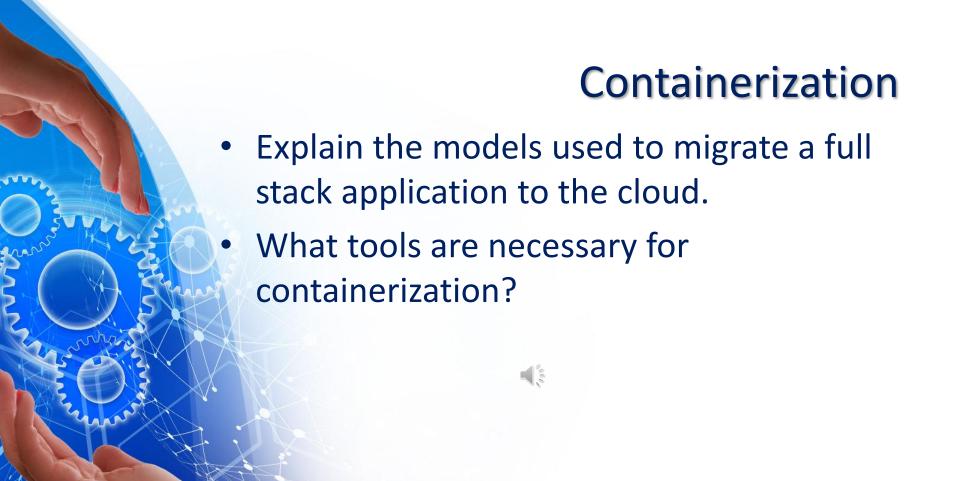




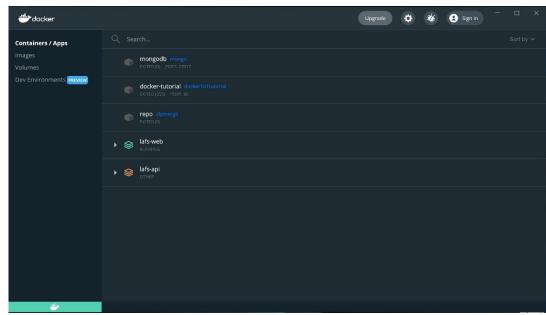
## Overview

- Intro
- State the purpose of the presentation: to articulate the intricacies of cloud development to both technical and nontechnical audiences.



## Orchestration

 What is the value of using Docker Compose?





## The Serverless Cloud

#### **Serverless**

- What is "serverless" and what are its advantages?
- What is S3 storage and how does it compare to local storage?





## The Serverless Cloud



#### **API & Lambda**

- Describe the advantages of using a serverless API.
- Explain Lambda API Logic.
- What scripts are produced in order to make this happen?
- Summarize the steps needed to integrate the frontend with the backend.



## The Serverless Cloud



#### **Database**

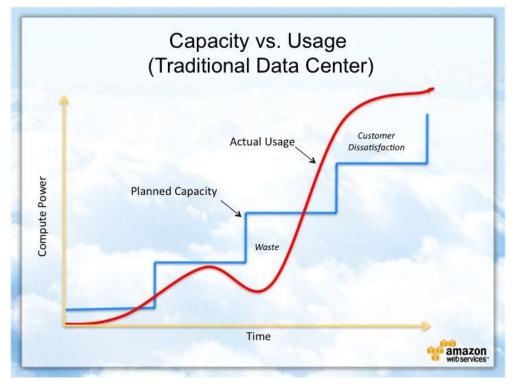
- What are the data-model differences between MongoDB and DynamoDB?
- What queries did you perform?
- What scripts are produced in order to make this happen?



# Cloud-Based Development Principles

- Elasticity
- Pay-for-use model







## Securing Your Cloud App



#### Access

 How can you prevent unauthorized access?

#### **Policies**

- Explain the relationship between roles and policies.
- What custom policies were created?

#### **API Security**

- How can you secure the connection between Lambda and Gateway?
- Lambda and the database
- S3 Bucket

Optional: Break this into three separate slides.



### **CONCLUSION**

• Briefly recount three main points that are salient to your explanation and demonstrate your understanding of cloud development.





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