



aws_lab

nathan_toups

@rojoroboto

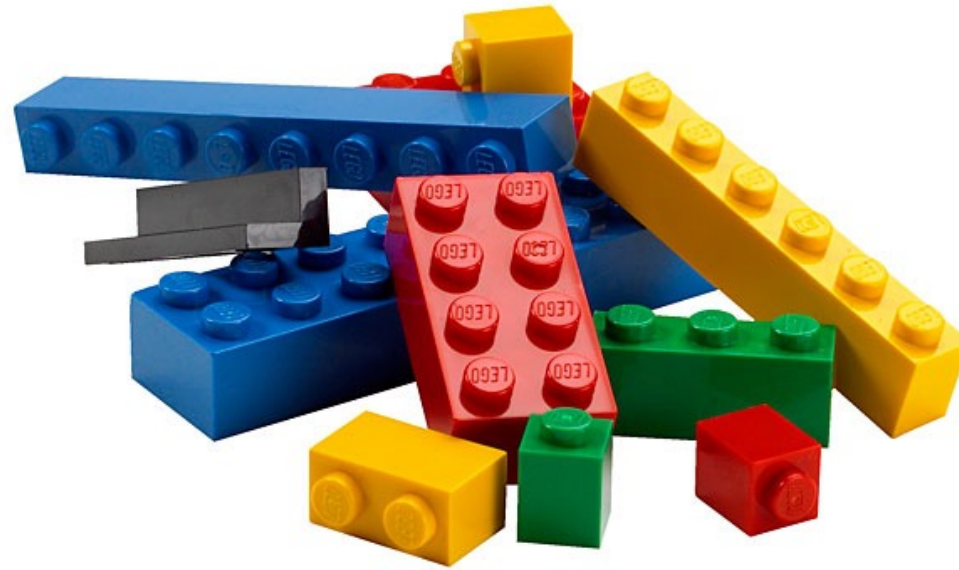


aws introduction



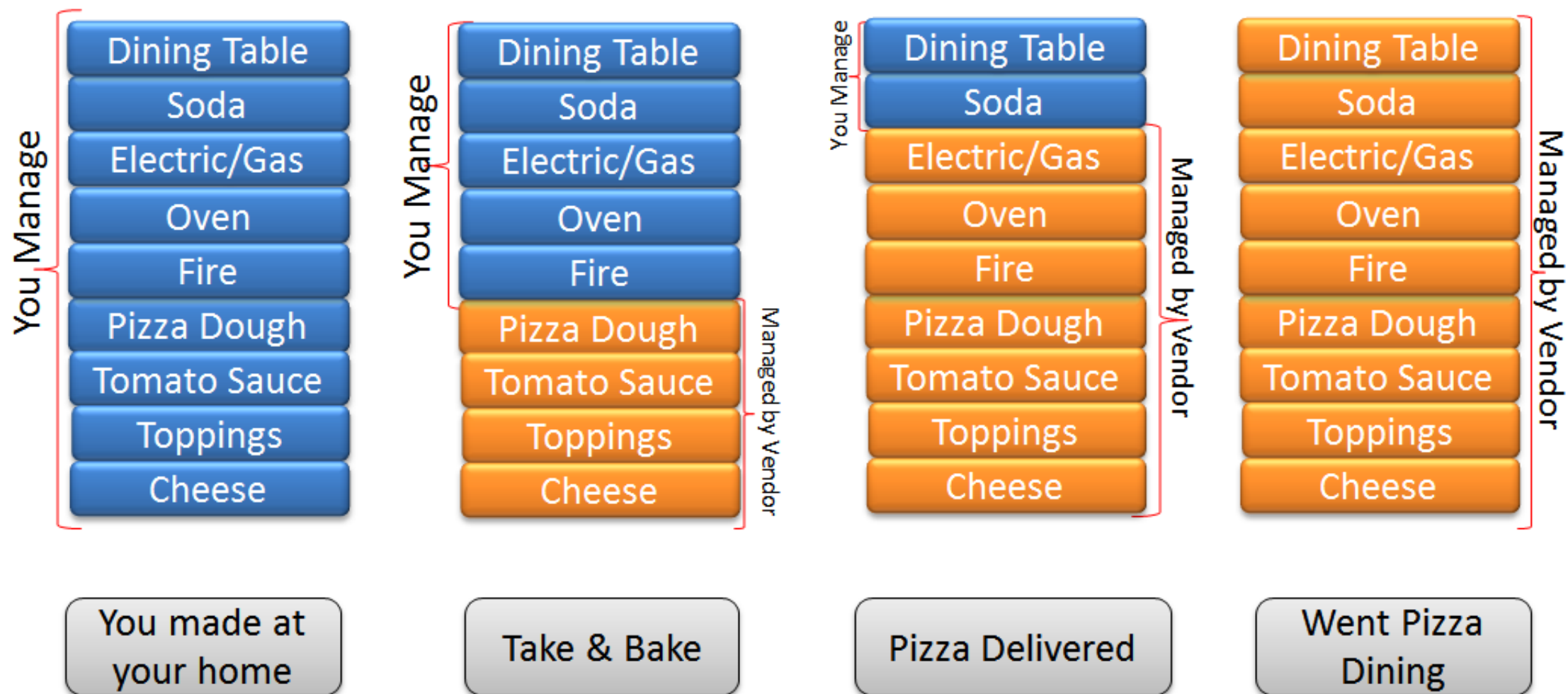
what is aws?



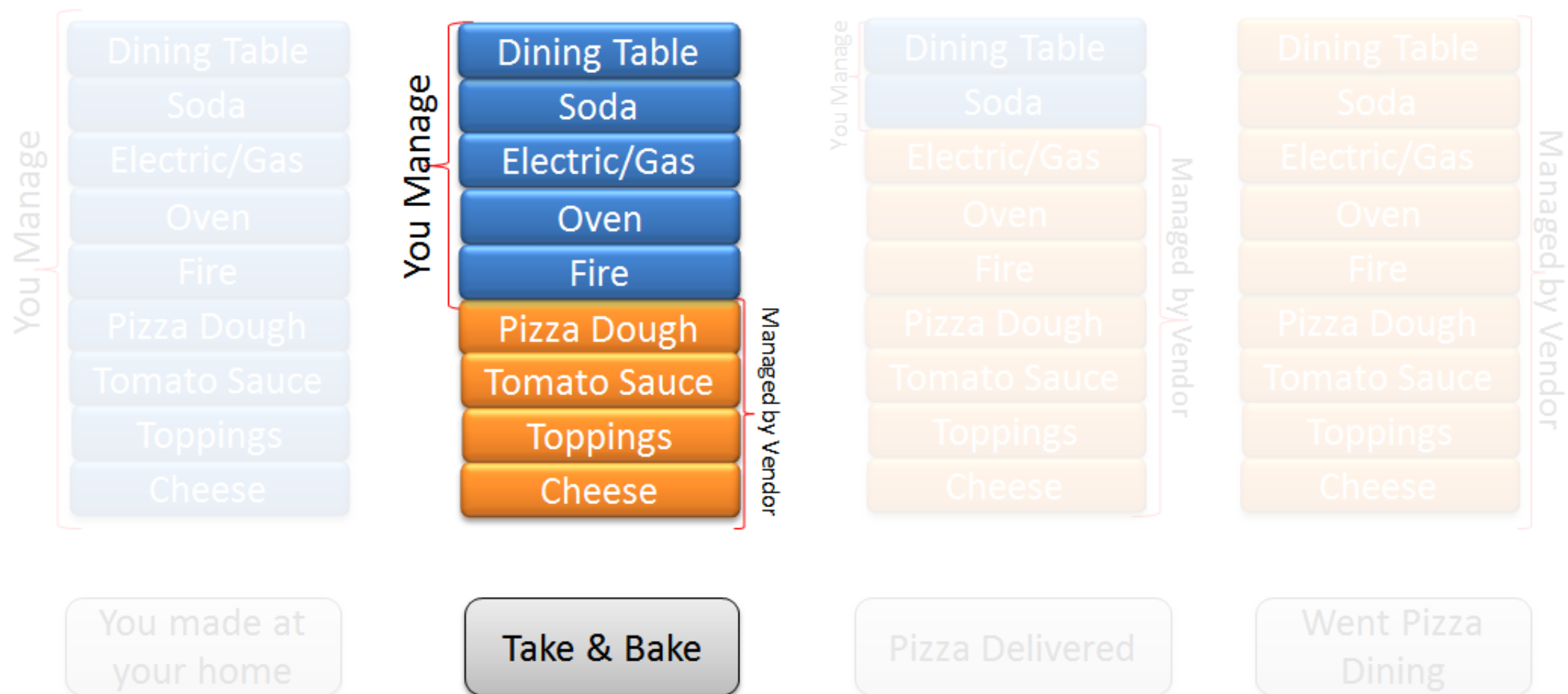




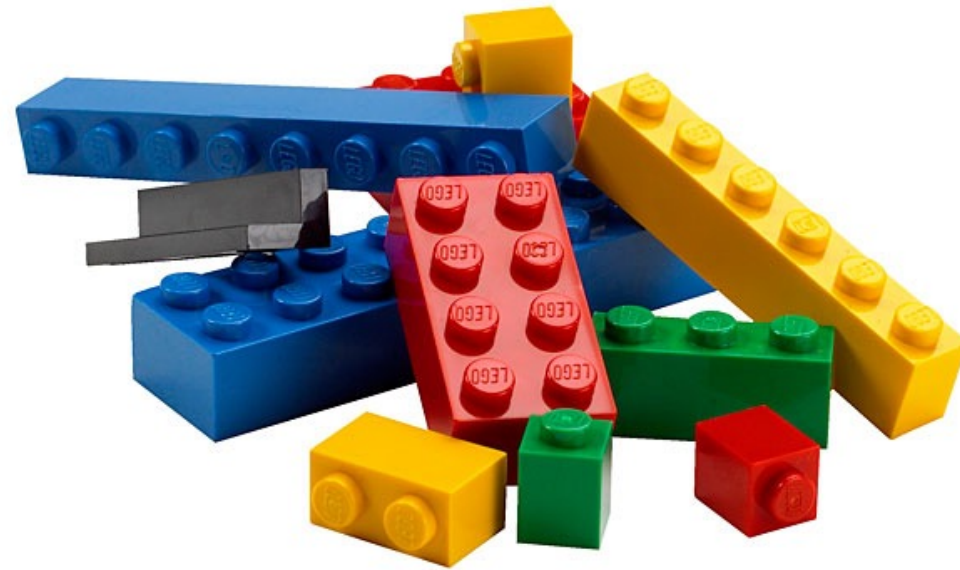
Pizza as a Service



Pizza as a Service



Pizza as a Service



Infrastructure as a Service

Compute & Networking



Amazon EC2



Amazon Route 53



Elastic Load Balancing



Amazon VPC

Deployment & Management



Elastic Beanstalk



AWS CloudFormation



CloudWatch



IAM

Storage & Content Delivery



Amazon S3



Amazon EBS



CloudFront



Amazon Glacier

App Services



Elastic Transcoder



Amazon SES



Amazon SNS



Amazon SQS

Database



DynamoDB



Amazon RDS



ElastiCache



Amazon Redshift

SDKs



Java



JavaScript

new!



Python (boto)



PHP



.NET



Ruby



Node.js



iOS



Android



AWS Toolkit for
Visual Studio



AWS Toolkit
for Eclipse



AWS Tools for
Windows
PowerShell



AWS CLI

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Amazon S3



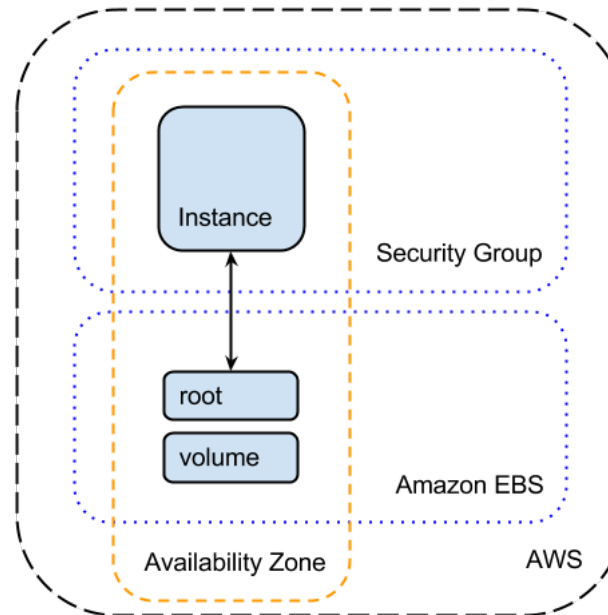
Amazon EBS



Amazon RDS



IAM

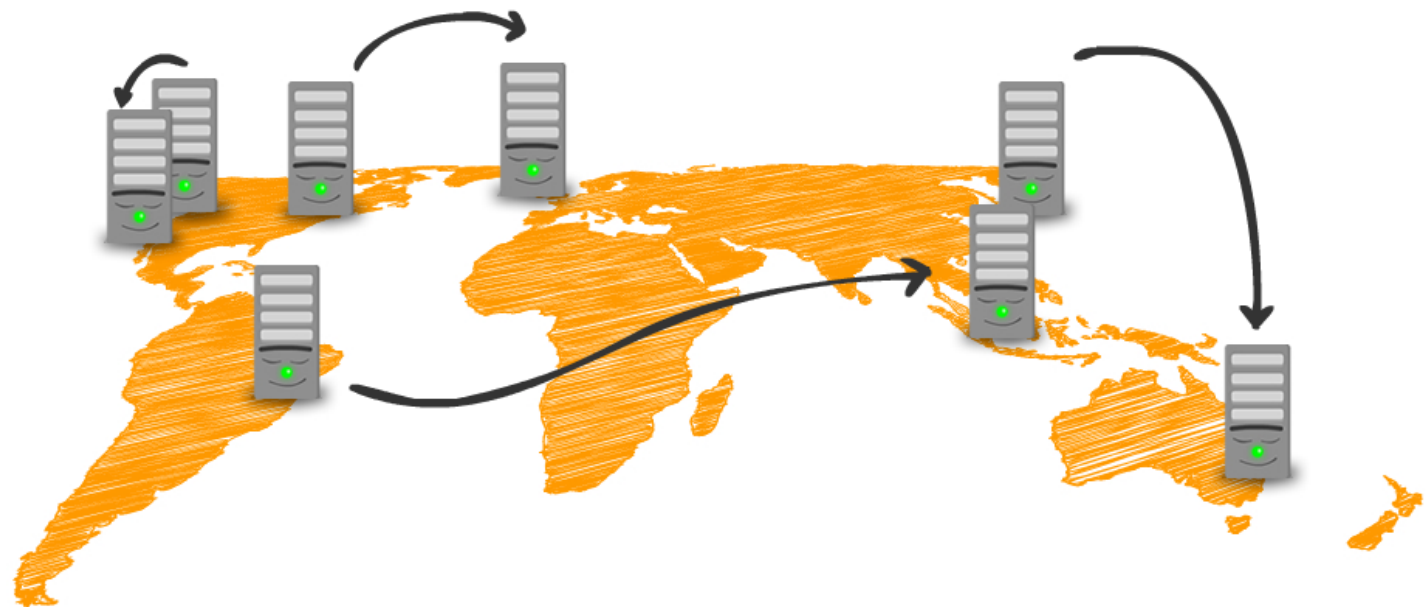
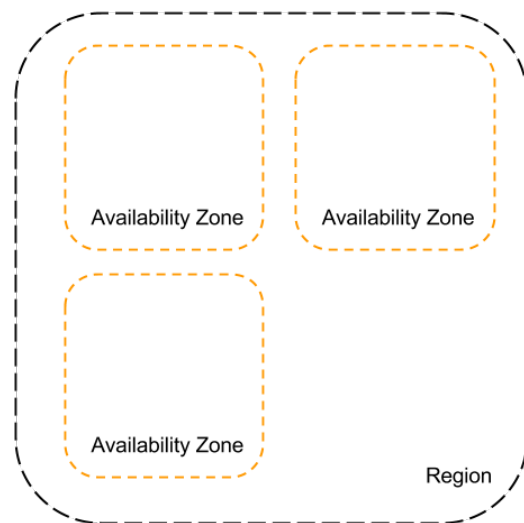


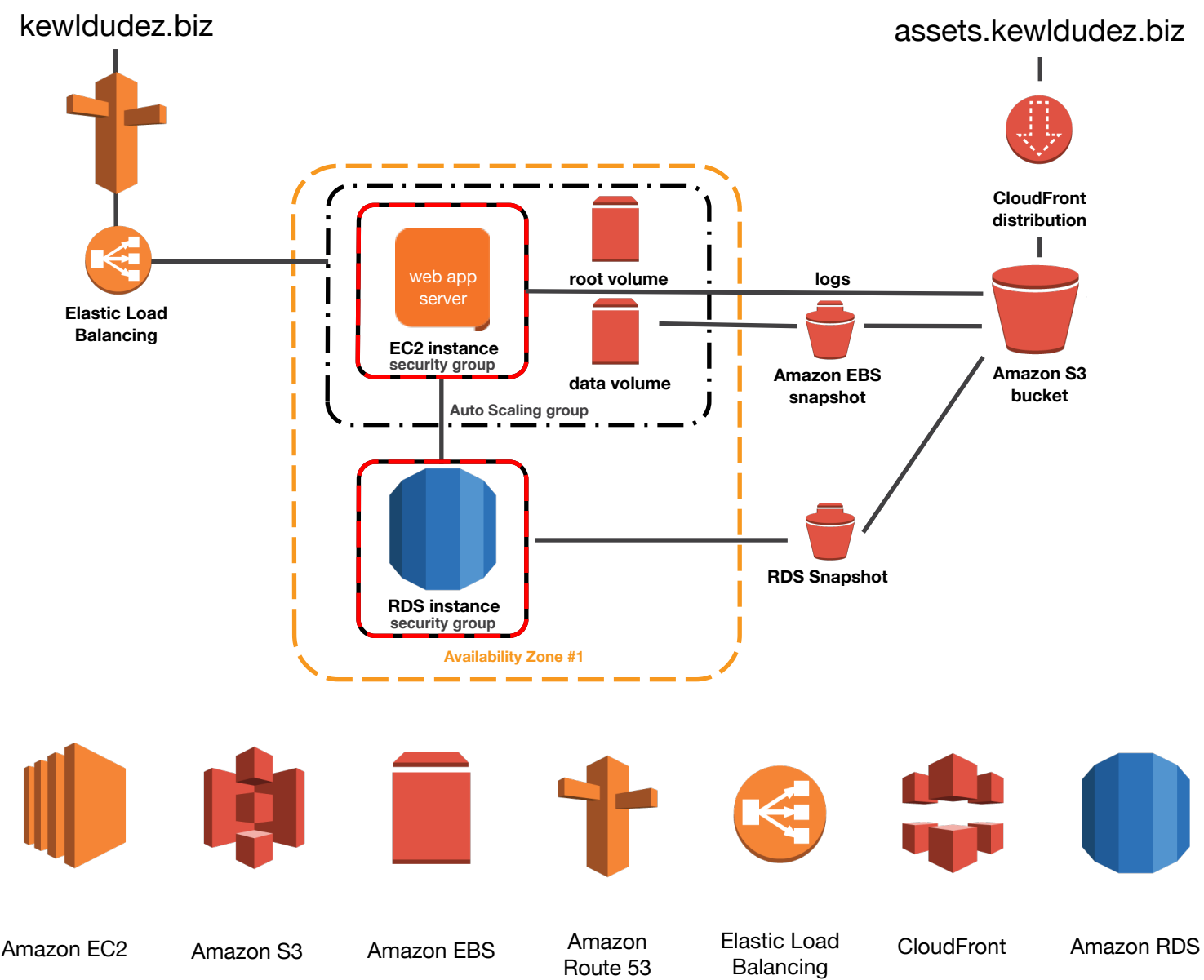
Amazon EC2

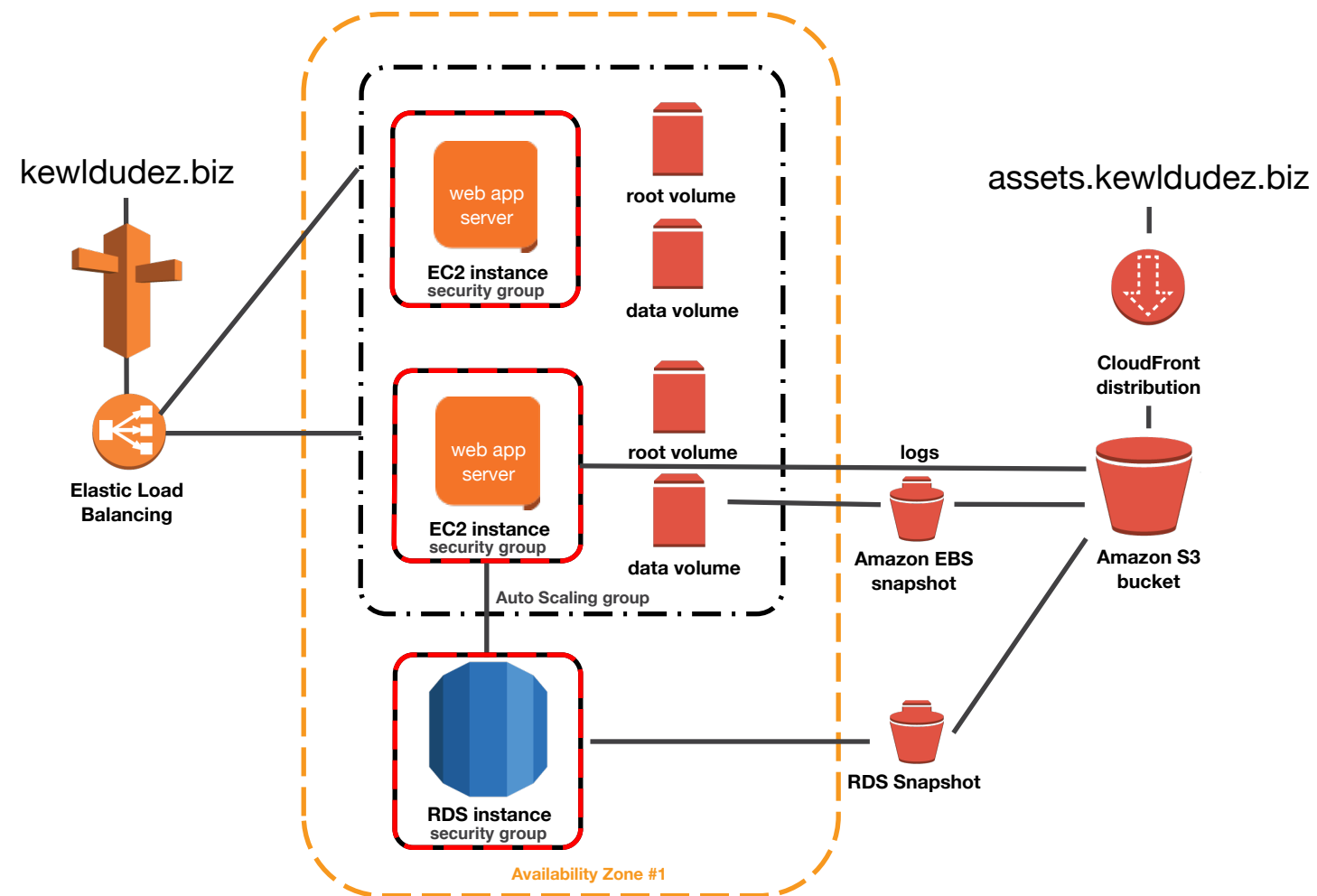









Amazon EBS

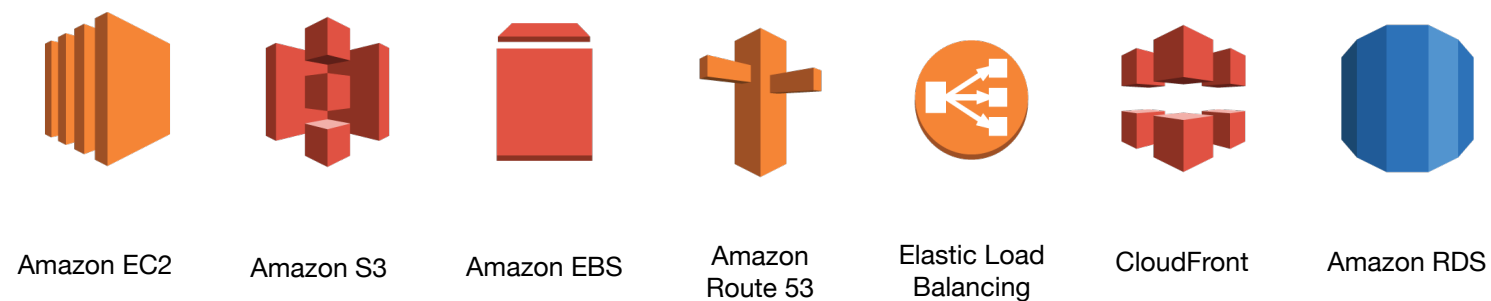
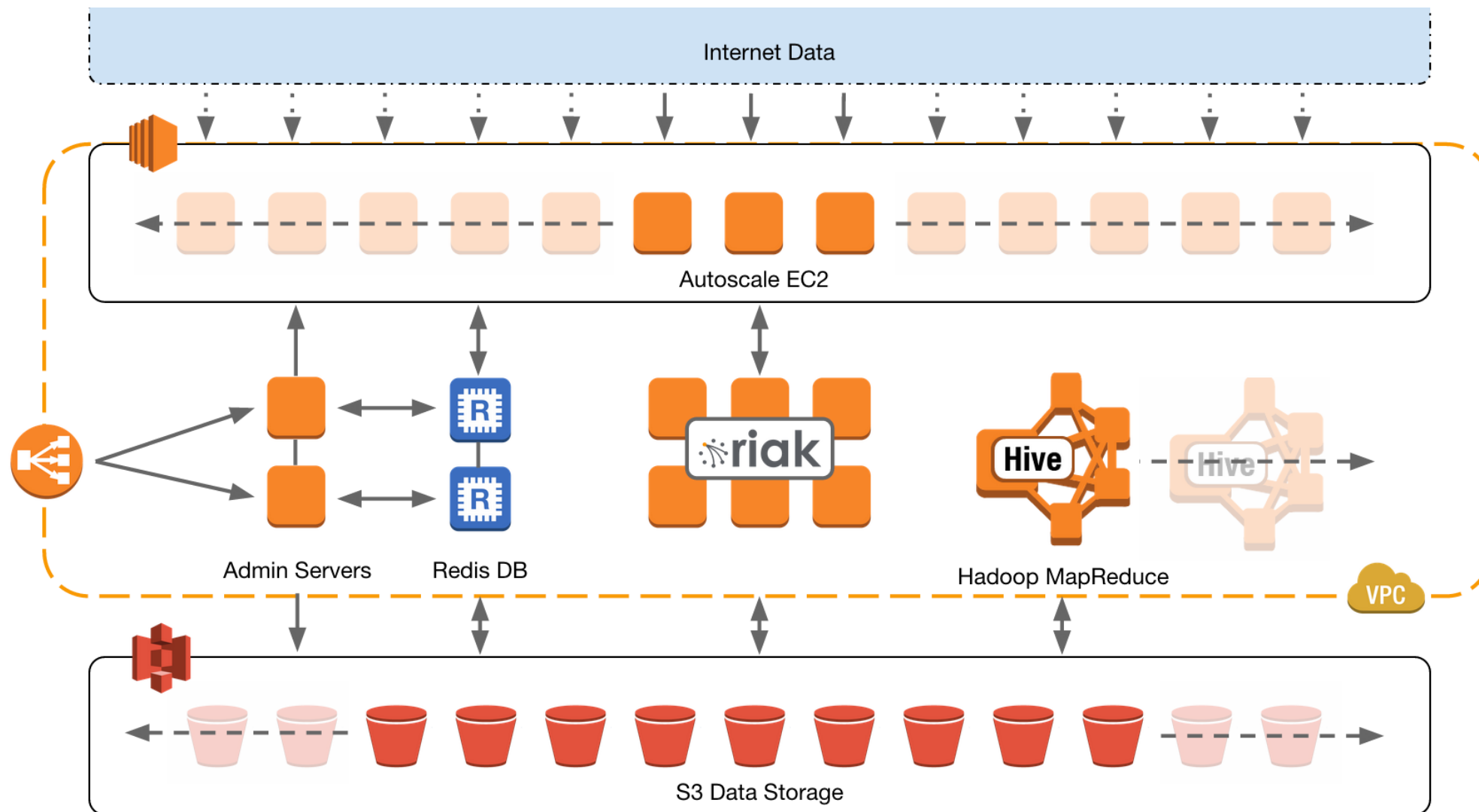








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- Amazon EC2
 Amazon S3
 Amazon EBS
 Amazon Route 53
 Elastic Load Balancing
 CloudFront
 Amazon RDS



Infrastructure as Code





Infrastructure as Code





Infrastructure as Code

but let's not get ahead of ourselves

lab time



Amazon Web Services (AW... x +

aws.amazon.com

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Introducing JSON support for Amazon DynamoDB

[Watch our launch video »](#)

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[Sign in to the Console](#)

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iam and the cli tool





IAM



AWS CLI

lab time



AWS Management Console

https://console.aws.amazon.com/console/home?region=us-east-1

Services Edit Nathan Touns N. Virginia Support

Amazon Web Services

Compute & Networking

- Direct Connect**
Dedicated Network Connection to AWS
- EC2**
Virtual Servers in the Cloud
- Route 53**
Scalable Domain Name System
- VPC**
Isolated Cloud Resources

Storage & Content Delivery

- CloudFront**
Global Content Delivery Network
- Glacier**
Archive Storage in the Cloud
- S3**
Scalable Storage in the Cloud
- Storage Gateway**
Integrates On-Premises IT Environments with Cloud Storage

Database

- DynamoDB**
Predictable and Scalable NoSQL Data Store
- ElastiCache**
In-Memory Cache
- RDS**
Managed Relational Database Service
- Redshift**
Managed Petabyte-Scale Data Warehouse Service

Deployment & Management

- CloudFormation**
Templated AWS Resource Creation
- CloudTrail**
User Activity and Change Tracking
- CloudWatch**
Resource and Application Monitoring
- Directory Service**
Managed Directories in the Cloud
- Elastic Beanstalk**
AWS Application Container
- IAM**
Secure AWS Access Control
- OpsWorks**
DevOps Application Management Service
- Trusted Advisor**
AWS Cloud Optimization Expert

Analytics

- Data Pipeline**
Orchestration for Data-Driven Workflows
- Elastic MapReduce**
Managed Hadoop Framework
- Kinesis**
Real-time Processing of Streaming Big Data

Mobile Services

- Cognito**
User Identity and App Data Synchronization
- Mobile Analytics**
Understand App Usage Data at Scale
- SNS**
Push Notification Service

App Services

- AppStream**
Low Latency Application Streaming
- CloudSearch**
Managed Search Service
- Elastic Transcoder**
Easy-to-use Scalable Media Transcoding
- SES**
Email Sending Service
- SQS**
Message Queue Service
- SWF**
Workflow Service for Coordinating Application Components

Applications

- WorkSpaces**
Desktops in the Cloud
- Zocalo**
Secure Enterprise Storage and Sharing Service

Additional Resources

Getting Started

See our documentation to get started and learn more about how to use our services.

AWS Console Mobile App

View your resources on the go with our AWS Console mobile app, available from [Amazon Appstore](#), [Google Play](#), or [iTunes](#).

AWS Marketplace

Find and buy software, launch with 1-Click and pay by the hour.

Service Health

✓ All services operating normally.

Updated: Nov 06 2014 09:51:00 GMT-0800

[Service Health Dashboard](#)

Set Start Page

Console Home

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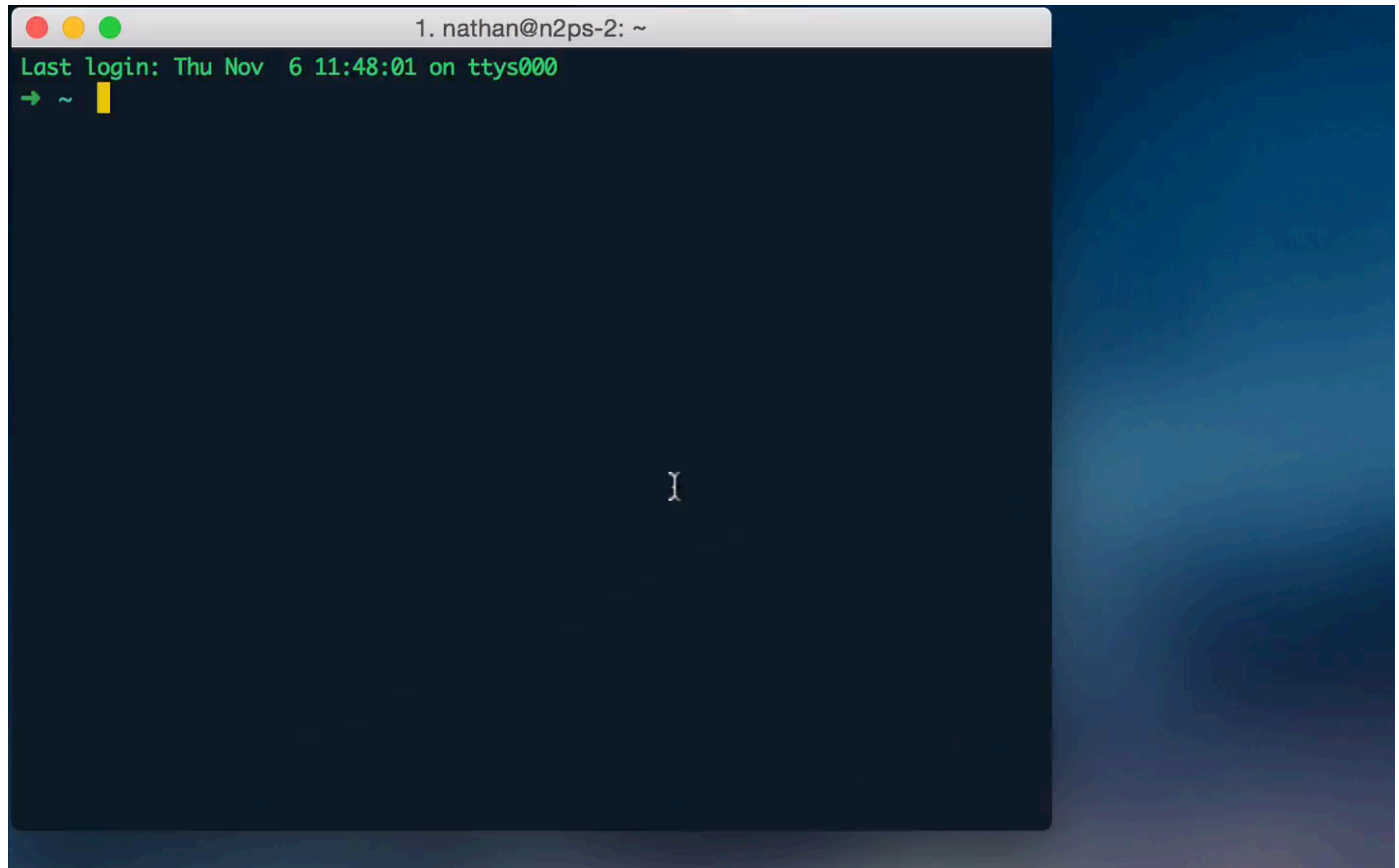
lab time





AWS CLI

pip install awscli



building in aws



lab time

