Beta Presentation
AWSome Availability Zones
The Capstone Experience

Team Amazon
Jamison Heiner
Wynton Huang
Jake Hood
Iris Kim
Jung Chak

Department of Computer Science and Engineering
Michigan State University
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Project Overview

• Create an open-source tool that...
  ▪ Automatically measures network latency between AWS data centers around the world
  ▪ Provides all AWS customers with an easy-to-use visualization of this latency data
  ▪ Allows experienced AWS customers to quickly answer questions about their specific use case
System Architecture

Interactive Map

Data Visualizations

Ping

EC2 Swarm

Commands

Latency Data

EC2 Swarm Conductor

Latency Data

DynamoDB

Angular

aws
Map View
Map View With Selection
Graph Display

![Graph Display Image]
List View
What’s left to do?

• Planned Features
  ▪ Fully Implemented

• Stretch Features
  ▪ Less Cryptic AZ Names
  ▪ More Bucket Options for Graph
  ▪ Bidirectional Data in All Views
  ▪ Full Auto Disaster Recovery
  ▪ Lines Between Regions

• Non-Features
  ▪ Make Faster
  ▪ Squish Visual Bugs
Questions?