MICHIGAN STATE UNIVERSITY

Beta Presentation AWSome Availability Zones

The Capstone Experience

Team Amazon

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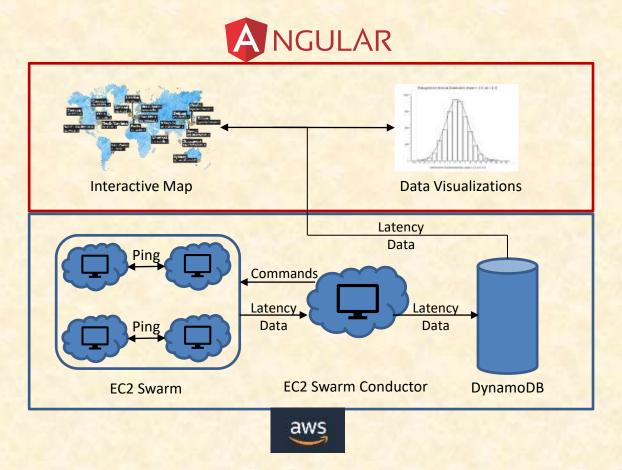
Fall 2021



Project Overview

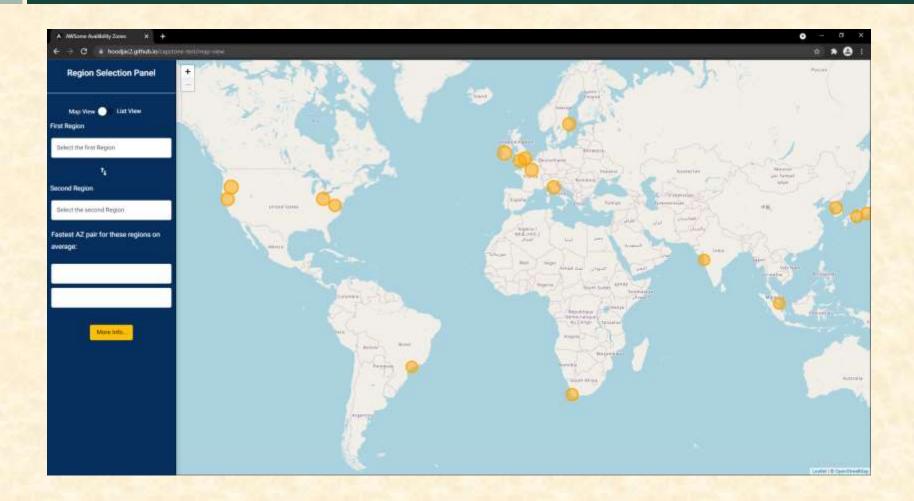
- Create an open-source tool that...
 - Automatically measures network latency between AWS data centers around the world
 - Provides all AWS customers with an easy-to-use visualization of this latency data
 - Allows experienced AWS customers to quickly answer questions about their specific use case

System Architecture

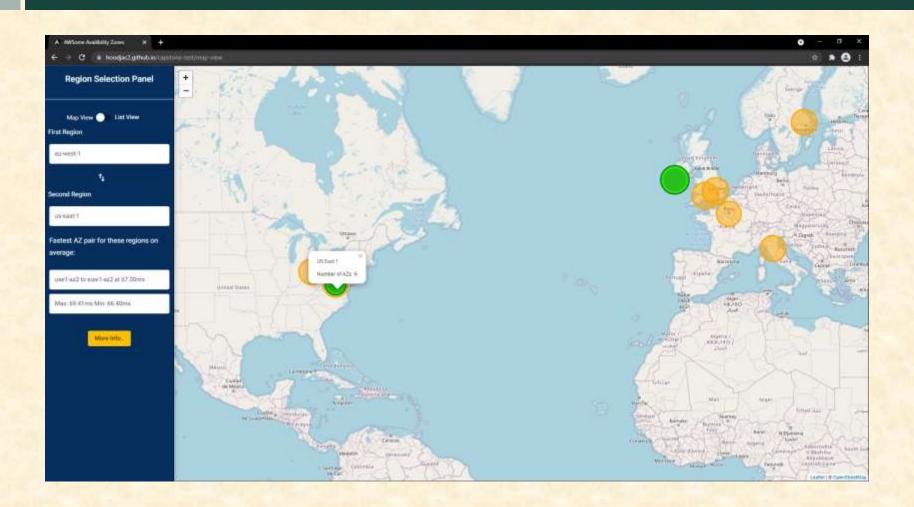




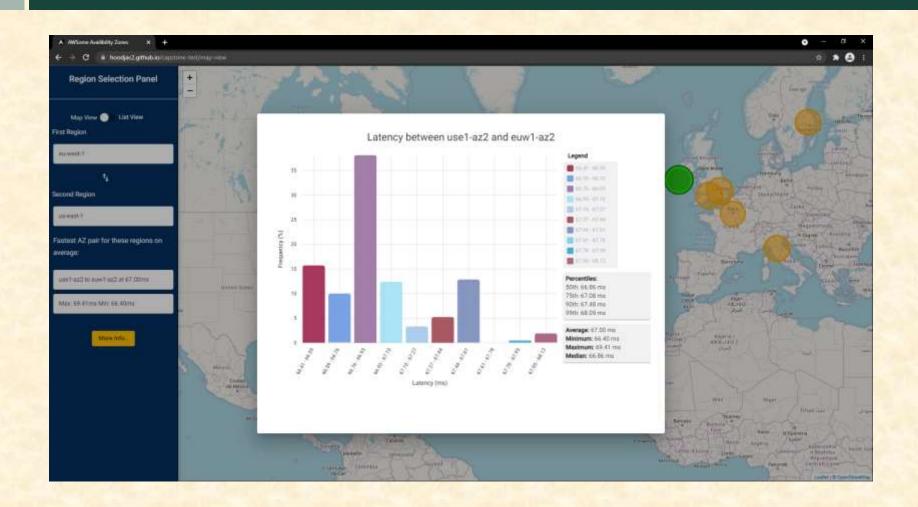
Map View



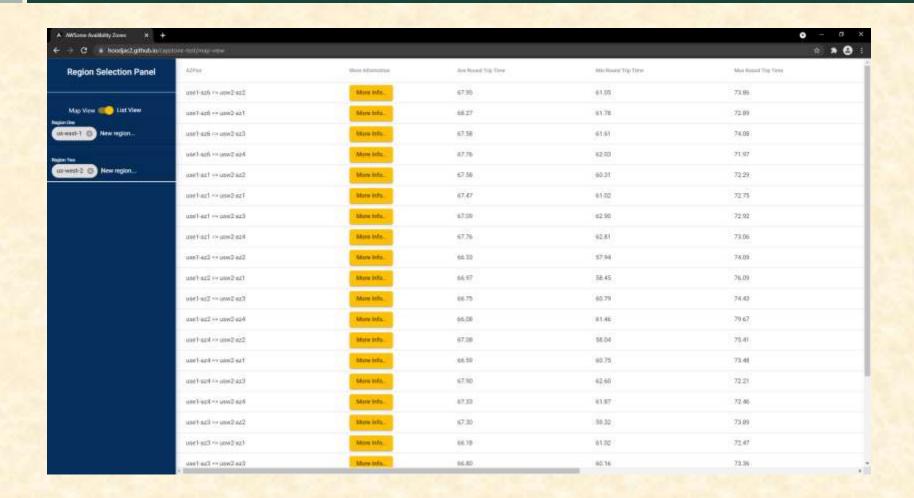
Map View With Selection



Graph Display



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?

