

## COSC 480 – Lab #2

Purpose: Work with AWS, Lambda, AWS API Gateway, and S3 to build out a javascript enhanced map (for unicorns!).

Task: Follow the tutorial link on the course website to get to the AWS Serverless Webapp Tutorial. Follow the tutorial with the following changes:

- 1.) In Module 1, Step 3, item a, instead of using the source repository link for the website to be put up on S3, get the source from the course website.
- 2.) Skip all of Module 2.
- 3.) In Module 3, Step 2, item d, use the AWSLambdaFullAccess permission policy instead of AWSLambdaBasicExecution.
- 4.) In Module 3, Step 2, skip items h-r.
- 5.) In Module 4, skip Step 2.

Once complete answer the following questions:

- 1.) What is the javascript error that you see once you have clicked “Request Unicorn”? Define the error.
- 2.) What pieces of information are passed to the database (supposedly) from the website? (Hint: look at ride.js)
- 3.) What pieces of information are passed from the database back to the website?

Deliverable: the link for the S3 bucket, via email with your question responses.

Maximum points: 10

Extra Credit:

- +5 get around the CORS error to get the database linked up (it has to be still on a classroom instance)

Deductions:

- 2 missing functionality (no map, missing button transition)
- 2 missing/erroneous question answers (each)

Due: By 11:59 pm Monday. Link and answer submission via email.