Lecture #11

Agenda

* Review Assignment #08
* Microservices Architecture
* Event-driven architecture (Publish/Subscribe)
* Serverless Computing
* Discuss Assignment #09

Demos

* AWS SNS & AWS Lambda

Reading

Emails

* [Amazon Simple Email Service](https://aws.amazon.com/ses/)

Serverless Computing

* [Function-as-a-Service 101: What is it?](https://blogs.cisco.com/cloud/function-as-a-service-101-what-is-it)
* [Serverless Architectures](https://martinfowler.com/articles/serverless.html)
* [What Is Serverless Computing, and Why Should I Care?](https://developer.ibm.com/openwhisk/what-is-serverless-computing/)
* [AWS re:Invent 2016: The State of Serverless Computing](https://www.slideshare.net/AmazonWebServices/aws-reinvent-2016-the-state-of-serverless-computing-svr311?from_action=save)
* [Best Practices for Working with AWS Lambda Functions](http://docs.aws.amazon.com/lambda/latest/dg/best-practices.html)
* [Environment Variables for Lambda functions](http://docs.aws.amazon.com/lambda/latest/dg/env_variables.html)

Event-Driven Architecture

* [Amazon Simple Notification Service](http://docs.aws.amazon.com/sns/latest/dg/welcome.html)
* [Amazon Simple Queue Service (SQS)](https://aws.amazon.com/sqs)
* [Amazon Simple Notification Service (SNS)](https://aws.amazon.com/sns/)
* [What do you mean by “Event-Driven”?](https://martinfowler.com/articles/201701-event-driven.html)