Lecture #04

Agenda

* The Twelve-Factor App
* Fundamentals of Cloud Computing
* Introduction to Amazon Web Services (AWS)
* Identity & Access Management (IAM)
* AWS Organization Setup
* Assignment #02 discussion

Reading

The Twelve-Factor App

* [The Twelve-Factor App](https://12factor.net/)

Cloud Computing

* [Cloud Computing: Concepts, Technology & Architecture (ISBN: 9780133387520)](https://www.pearsonhighered.com/program/Erl-Cloud-Computing-Concepts-Technology-Architecture/PGM239182.html)
* [Cloud Computing, Server Utilization, & the Environment](https://aws.amazon.com/blogs/aws/cloud-computing-server-utilization-the-environment/)

AWS Organizations

* [AWS Organizations](https://aws.amazon.com/organizations/)
* [What Is AWS Organizations?](https://docs.aws.amazon.com/organizations/latest/userguide/orgs_introduction.html)

IAM

* [Amazon Resource Names (ARNs)](https://docs.aws.amazon.com/general/latest/gr/aws-arns-and-namespaces.html)
* [AWS Identity and Access Management (IAM)](https://aws.amazon.com/iam/)
* [IAM Actions, Resources, and Condition Keys for AWS Services](https://docs.aws.amazon.com/IAM/latest/UserGuide/reference_policies_actions-resources-contextkeys.html)
* [IAM JSON Policy Elements Reference](https://docs.aws.amazon.com/IAM/latest/UserGuide/reference_policies_elements.html)