

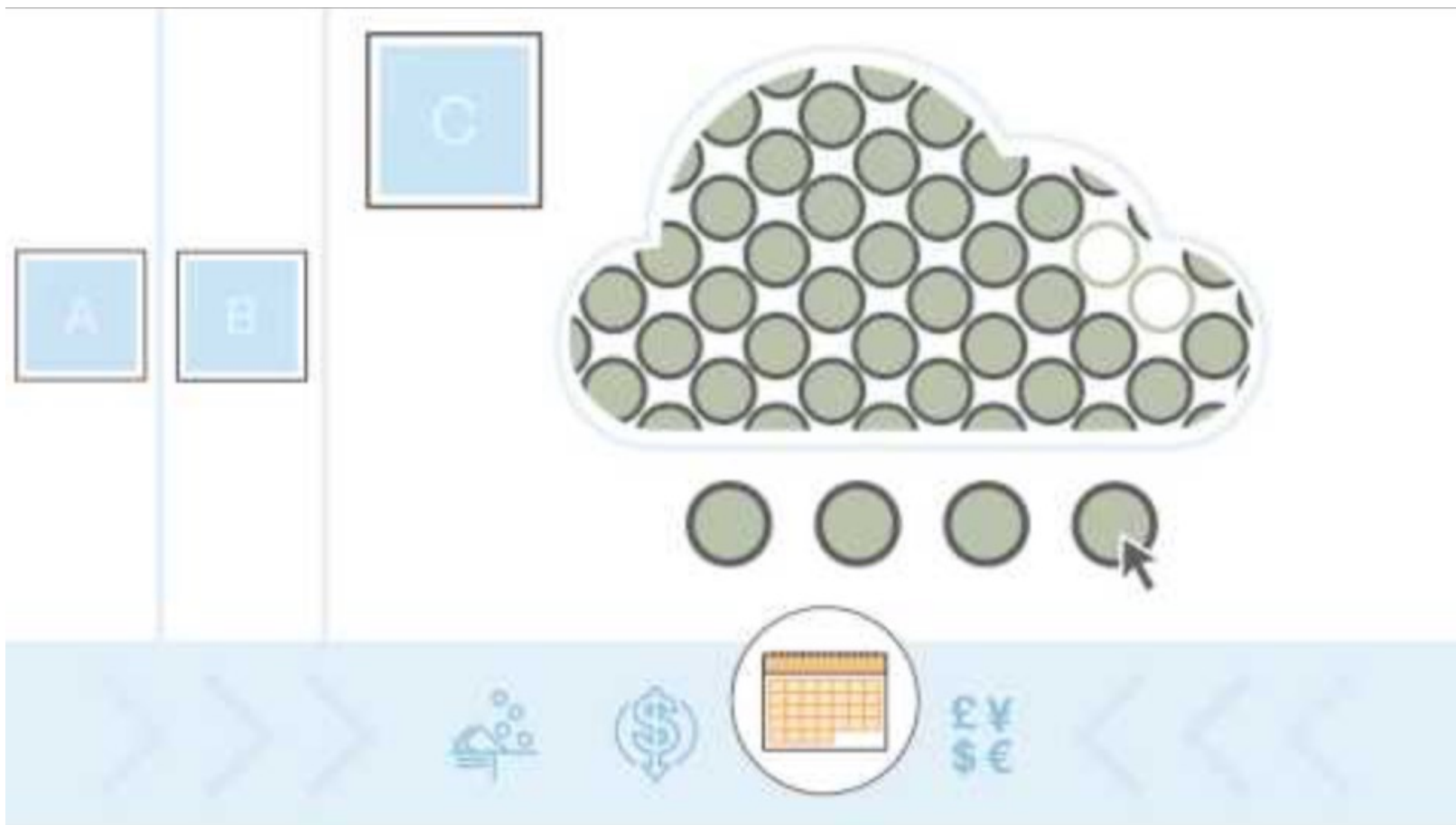
# System Administration & Security



COMP 175 | Fall 2021 | University of the Pacific | Jeff Shafer

## AWS: Billing


# Intro to AWS Pricing



# Sounds great!!!



# The Mega-Corp is my Friend 😊



Surprise Bill!  
\$\$\$\$\$\$\$\$

Perhaps a few pitfalls to  
watch out for....

# Two Challenges

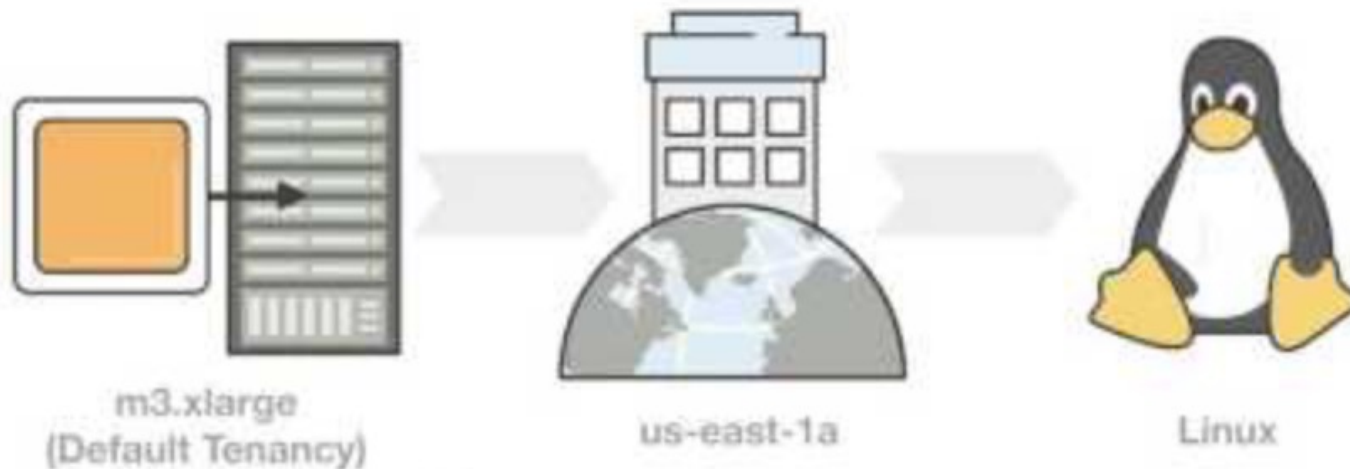
## Is my Budget Sufficient for my Goals?

- How many resources do I need?
  - Instances?
  - Persistent storage?
  - Networking?
  - Other managed services?
  - Redundancy across regions?
- How much does it cost?
- [AWS Pricing Calculator](#)

## How Do I know I'm Staying Within Budget?

- Demand on service suddenly increases?
  - Legitimate? Attack?
- Coding error results in excess resource usage?
- Intern screws up?
- Need **alerts!**
  - [AWS Budgets](#)
  - [AWS CloudWatch alerts](#)

# Intro to Amazon EC2 Reserved Instances



# Wrap-Up

➤ Questions?

➤ Concerns?

➤ **This Week**

➤ **Lab 3** – AWS Billing

➤ **Lab 4** – Servers: Nginx  
(Web)