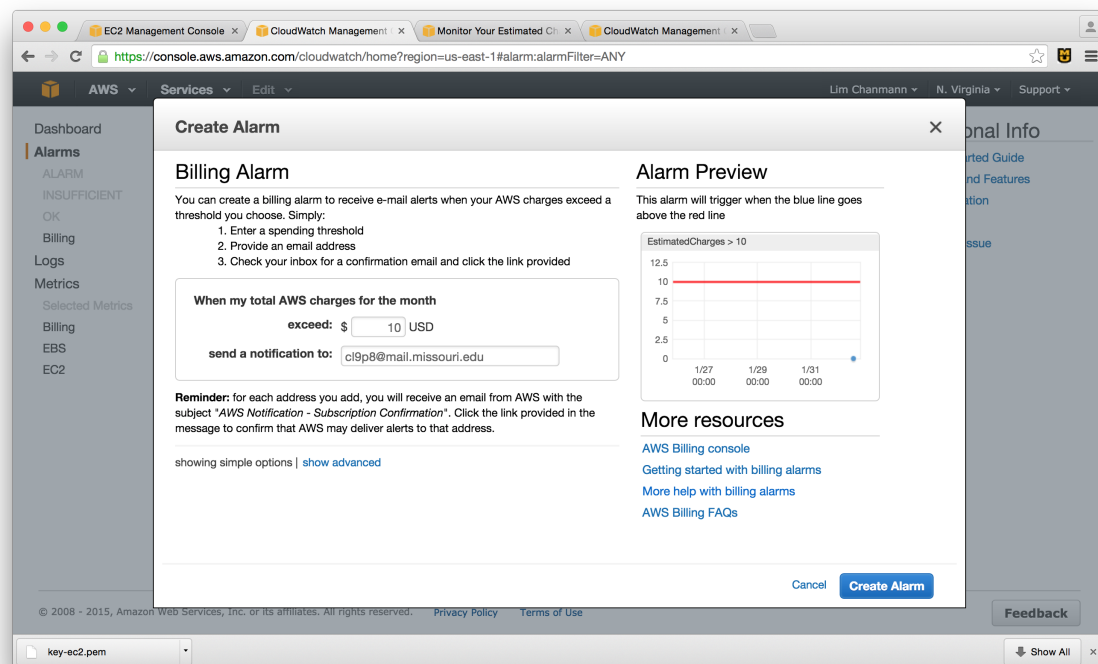


# CS 7001-03: Report for Lab 1 - AWS Account Setup and Services Overview

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## 1. Screenshot of billing alarm setup:



## 2. List of AWS services by Categories:

### Database:

- RDS
- DynamoDB
- ElastiCache
- RedShift

### Storage & CDN:

- S3
- Storage Gateway
- Glacier
- CloudFront

### Analytics:

- EMR
- Kinesis
- Data Pipeline

**Compute & Networking:**

EC2  
VPC  
Direct Connect  
Route 53

**Deployment & Management:**

Elastic Beanstalk  
OpsWorks  
CloudFormation  
CodeDeploy

**App Services:**

SQS  
AppStream  
SES  
CloudSearch

3. Eight AWS services:

4. Specification of the free instance used in the lab:

**Family:** General Purpose

**Type:** t2.micro

**vCPU:** 1 (virtual CPU 2.5 GHz Intel Xeon Family)

**Memory:** 1 (GB)

**Storage:** EBS Only (Size: 8GB, Volume Type: Magnetic)

**Network Performance:** Low to Moderate

5. There are other two available storage options besides "Magnetic":

**General Purpose (SSD):** provide up to 3,000 IOPS (input-output operations per second) per volume and also deliver a consistent baseline of 3 IOPS/GB.

**Provisioned IOPS (SSD):** deliver up to 4000 IOPS.