

## Mini Homework 1

- Sign up for AWS account. Sign up for AWS EC2 and S3 services.
- Create a micro instance with Amazon Linux stack with appropriate keys and access control.

## Running EC2 Instance

The screenshot shows the AWS Management Console interface. The left sidebar contains navigation links for EC2 Dashboard, Events, Tags, Reports, Limits, INSTANCES, INSTANCES (selected), Spot Requests, Reserved Instances, Scheduled Instances, Commands, Dedicated Hosts, IMAGES, AMIs, Bundle Tasks, ELASTIC BLOCK STORE, Volumes, Snapshots, NETWORK & SECURITY, Security Groups, Elastic IPs, Placement Groups, Key Pairs, Network Interfaces, and LOAD BALANCING, Load Balancers. The main content area displays the 'Launch Instance' button, 'Connect', and 'Actions' buttons. Below these is a table with columns: Name, Instance ID, Instance Type, Availability Zone, Instance State, Status Checks, Alarm Status, Public DNS, and Public IP. A single instance is listed with ID i-117acc06, type t2.micro, availability zone us-west-2a, state running, and public IP 52.35.128.222. Below the table, the 'Instance: i-117acc06' details are shown, including Public DNS: ec2-52-35-128-222.us-west-2.compute.amazonaws.com. The 'Description' tab is active, showing details such as Instance ID, Instance state, Instance type, Private DNS, Private IPs, Secondary private IPs, VPC ID, Subnet ID, Network interfaces, Source/dest. check, EBS-optimized, Root device type, Public DNS, Public IP, Elastic IP, Availability zone, Security groups, Scheduled events, AMI ID, Platform, IAM role, Key pair name, Owner, Launch time, and Termination protection.

## Running S3 Bucket

The screenshot shows the AWS Management Console interface for the S3 service. The left sidebar contains navigation links for All Buckets, ericcloudclass (selected), and a search bar. The main content area displays the 'Upload' button, 'Create Folder', and 'Actions' buttons. Below these is a table with columns: Name, Storage Class, Size, and Last Modified. The table is empty, and a message states: 'The bucket 'ericcloudclass' is empty'. The footer of the console shows 'Feedback', 'English', and copyright information: '© 2008 - 2016, Amazon Web Services, Inc. or its affiliates. All rights reserved. Privacy Policy Terms of Use'.

SSH into the instance you created. Take a screenshot and submit it.

## SSH Session (OS X) into EC2 Instance

```
AWS_Setup — ec2-user@ip-172-31-24-218:~ — ssh -i eric_MBP_2016.pem ec2-user@ec2-52-35-128-222.us-west-2....
Tatsumoto:AWS_Setup eric$ ssh -i "eric_MBP_2016.pem" ec2-user@ec2-52-35-128-222.us-west-2.compute.amazonaws.com
Last login: Sat Feb  6 19:03:20 2016 from cpe-68-173-38-9.nyc.res.rr.com

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 _| (  /  Amazon Linux AMI
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https://aws.amazon.com/amazon-linux-ami/2015.09-release-notes/
20 package(s) needed for security, out of 39 available
Run "sudo yum update" to apply all updates.
[ec2-user@ip-172-31-24-218 ~]$
```