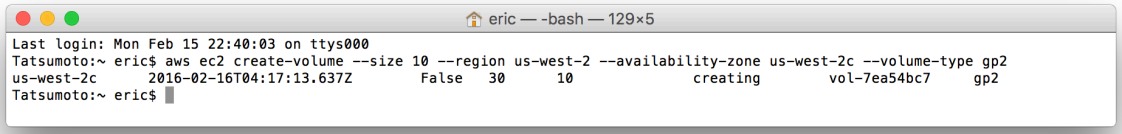
Part A – Create an EBS Volume and mount it to the EC2 Instance

Create an EC2 Volume from AWS CL

aws ec2 create-volume --size 10 --region us-west-2 --availability-zone us-west-2c --volume-type gp2

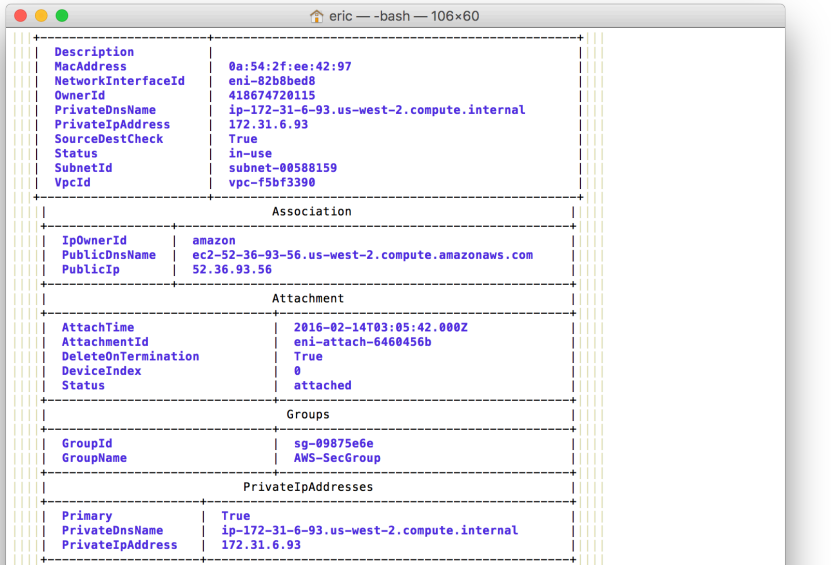
Created a 10GB SSD in Region: us-west-2 and AvailabilityZone: us-west-2c



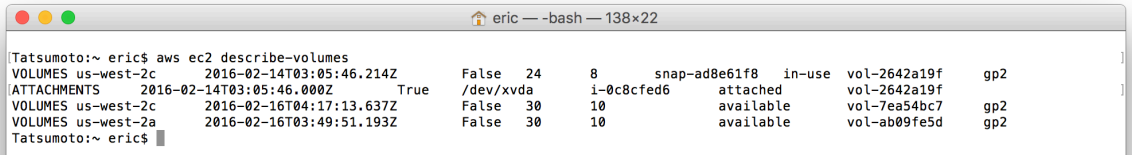
Attach EC2 Volume from AWS CL to Instance

First get EC2 InstanceID and the EBS VolumeID

aws ec2 descibe-instances (Instance ID: i-0c8cfed6)

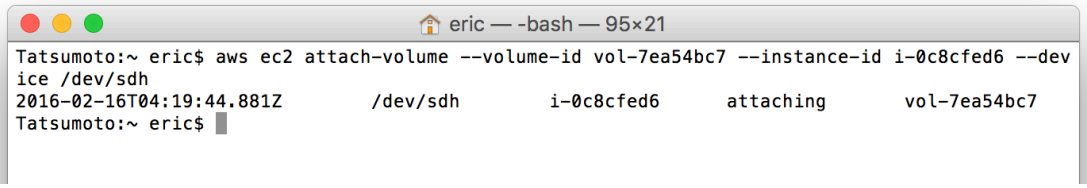


aws ec2 descibe-volumes (Volume ID: vol-7ea54bc7)

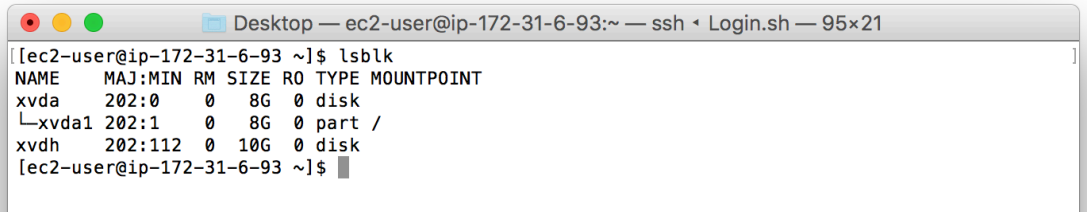


Attach EC2 Volume from AWS CL to Instance

aws ec2 attach-volume --volume-id vol-7ea54bc7 --instance-id i-0c8cfed6 --device /dev/sdh

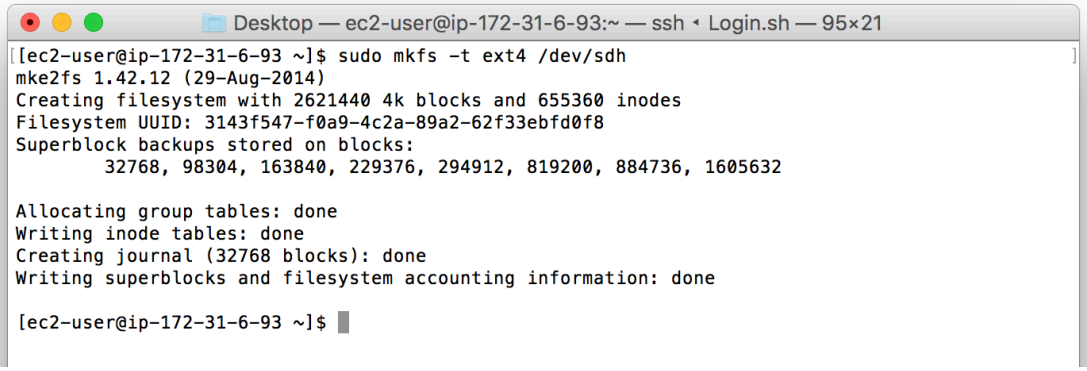


Volume Shows Available has to be Mounted:

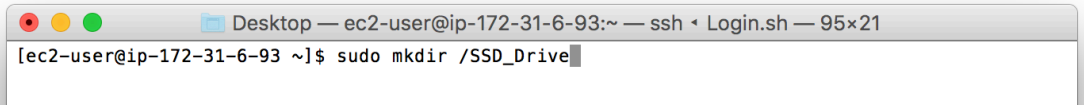


Create a file system on the Volume:

sudo mkfs -t ext4 /dev/sdh



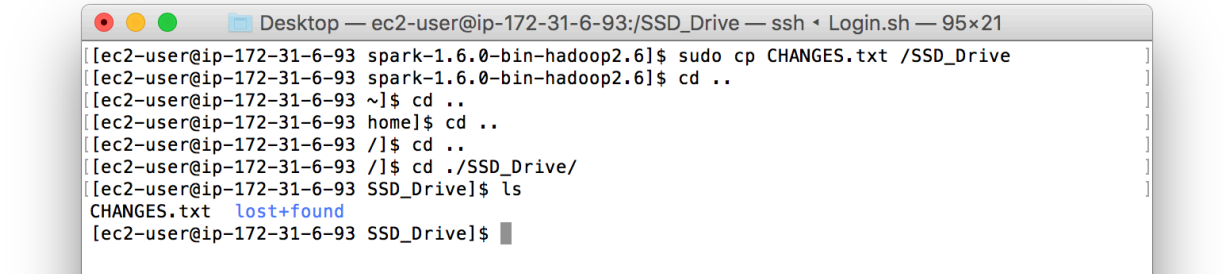
Make a Directory/Mount-Point for the Volume:



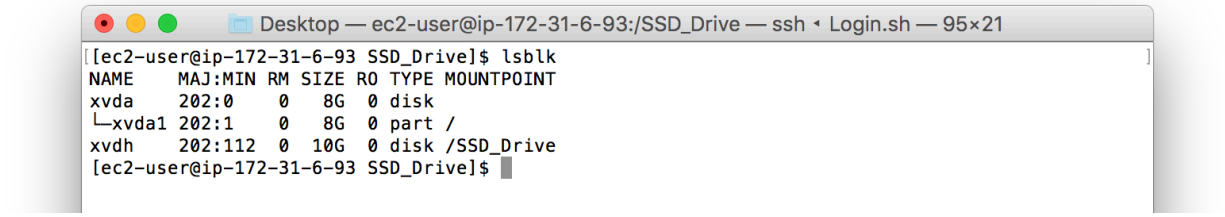
Mount the Volume to the MountPoint:

sudo mount /dev/sdh /SSD_Drive

Test Copying a File (CHANGES.txt) to the Mounted Drive



Drive is Mounted Properly



Part B – Create an AMI Image from a Running Instance (CLI)

Create an EC2 Volume from AWS CL

aws ec2 create-image --instance-id i-0c8cfed6 --name MiniHW_AMI --description "Copy of Linux box w/ Mounted SSD"

AMI ID: ami-38ad4e58