**Demo 1 – Launch an EC2 Container**

1. Login to the AWS Console
2. Check to see if you are in the desired region
3. From the “AWS Services” screen, choose “EC2” under “Compute”
4. From the EC2 Dashboard screen choose “Launch Instance” under the “Create An Instance” section
5. “Select” the top “Amazon Linux” choice
6. For instance type, keep the default choice of “t2.micro”
7. Press “Next: Configure Instance Details”
8. Press “Next: Add Storage”
9. Make sure “Delete on termination” is checked
10. Press “Next: Add Tags”
11. Press “Add Tag” then enter “Name” for the Key and “My first instance” for the value
12. Press “Next: Configure Security Group”
13. The first time through choose “Create a new security group” choose “Select an existing security group” and put a check mark next to the security group you created previously. For a new group:
    1. Enter “SSH from my IP” in the “Security group name” and “Description” fields
    2. If not already selected, choose “SSH” in the “Type” field
    3. Keep “TCP” and “22” for Protocol and Port Range
    4. Under “Source” choose “My IP”. In a few seconds your IP address should appear immediately followed by “/32”
14. Press “Review and Launch”
15. Press “Launch”
16. The first time through choose “Create a new key pair” otherwise keep “Choose and existing key pair” selecting the one you created previously and checking you acknowledge you have access to the key. For “Create a new key pair”:
    1. Give it a meaningful name like, “aws-ec2-laptop”
    2. Choose “Download Key Pair”
    3. Choose “Save File”. On Linux or Mac save the file to ~/.ssh
    4. Open a terminal window and run chmod 600 ~/.ssh/aws-ec2-laptop.pem
17. Choose “Launch Instances”
18. Click on “View Instances”
19. Select your new instance
20. In the “Description” tab below the instance table find the “Public DNS (IPv4)” field
21. Copy the DNS name string to the clipboard
22. Open a terminal if you haven’t already
23. For Linux and Mac, enter:  
     ssh ec2-user@*<paste-the-public-dns-here>* -i ~/.ssh/aws-ec2-laptop.pem
24. Once logged in, your prompt will change to [ec2-user@ip-###-##-##-### ~]$
25. Run some commands like:

sudo -i

yum update -y

1. Congratulations! You have launched your first EC2 instance. Play around as long as you like. Future demos will do some more interesting things.

**Clean-up to avoid unnecessary charges:**

1. From the “Instance” menu, click on the instance
2. From the “Actions” menu choose “Instance State -> Terminate”
3. Confirm with, “Yes, Terminate”
4. If you are still logged into the server, the connection should close.
5. The “Instance state” will transition from “shutting-down” to “terminated” and eventually disappear from the list after some time.