Introduction to AWS Elastic Beanstalk

**Lab Details:**

1. This lab walks you through to AWS Elastic Beanstalk. In this lab you will quickly deploy and manage a Java applications in the AWS Cloud without worrying about the infrastructure that runs those applications.
2. Duration: 00:30:00 Hrs
3. AWS Region: US East (N. Virginia)

**Tasks:**

1. Login to AWS Management Console.
2. Create your first Elastic Beanstalk Application and test.

**Steps:**

1. Launch your lab environment by clicking on **Start Lab** button.
2. Once your lab environment is created successfully your **Console Login** button will be active, Now click on **Console Login** button, this will open your **AWS Console** Account for this lab in a new tab.
3. Navigate to Elastic Beanstalk by clicking on the “services” menu in the top,then click on “Elastic Beanstalk” (in the “Compute” section).
4. Once in Elastic Beanstalk, you’ll be presented with a “getting started” screen. All you need to do to get going is to click on the “Get Started” button (or on the “Create New Application” link in the top right).
5. On the next screen, you’ll need to enter a few simple details to get your environment up and running:
   * Specify the name of your application (this is typically the name of the product/project that you’re building)
   * Choose your platform (In our case, since we want to launch a Java app, we’ll use a Java platform)
   * Finally, you can choose to launch a sample application
   * Once you click the “Create Application” button, AWS will be hard at work creating your environment for you.
6. This part usually takes about 10 to 15 minutes to complete, so you might want to get up and grab a bit to eat while it’s working.
7. Once AWS finishes its work, you’ll be seen your application dashboard, This is the main Elastic Beanstalk screen for your application.
8. On dashboard you can see Your app’s URL.
9. Now for testing your application copy app URL and run in to your browser. You can see your application is running successfully.
10. You can also change anytime your other important configuration options for your new cloud environment like database,software and instancses by Configuration menu.
11. You have successfully completed the lab.