# Elastic BeanStalk

Refer: <https://explore.skillbuilder.aws/learn/course/external/view/elearning/184/introduction-to-aws-elastic-beanstalk?trk=b4e47a47-3ea8-45bc-9260-b4087b5e6679&sc_channel=el>

1. It is a Platform as a Service
2. It helps us to provide a platform where we can just put our code and the rest is handled by this platform.
3. It helps in deploying our applications quickly.
4. We don’t need to worry about managing the whole system and its resources. But we can still have full control over the system by modifying it based on our requirements.
5. The things which we can choose are:
   1. Instance type
   2. Database
   3. Auto-scaling settings
   4. Updating our application
   5. Accessing server logs
   6. Enable HTTPS in load balancer.
6. Elastic Beanstalk can provide the following resources:
   1. Operating system
   2. HTTP service
   3. Language interpreter (based on various languages like NodeJs, Go, Python, etc)
   4. Host system
7. Updating our application can also be done easily with Elastic beanstalk.
8. Deploy First application:
   1. Go to Elastic BeanStalk in AWS console.
   2. Click on Create Application
   3. Give Name to application
   4. Choose platform
   5. Upload Code in form of zip file or provide S3 url.
   6. For additional settings, click on Configure More options
   7. Click on Create app.
   8. It will take few minutes to create the app. Logs of app creation are shown

