Using ElasticBean Stalk, Installed Glassfish Docker on Amazon AWS Linux GF instance wasn’t able to access it via admin console page on port 4848 to upload war file.

Editing/configuring glassfish was difficult as it needed to be configured via the Docker commands. Tried configuring Docker glassfish for a week but remote admin console for glassfish was not remotely accessible.

So switched directly to manual setup of Operating system on EC2 on which everything can be configured as our local system.

Only the respective ports needed for application are required to be opened up for providing worldwide access. The respective ports can be opened via security groups inbound rule.

**Installing Amazon Linux on EC2**

1. Launch instance using EC2 on AWS select all default. For OS choose AMI Linux
2. Key pair and security group needed later will be created in this step.

**Configuring Putty**



**Configuring WinSCP**

**Setting up Amazon RDS**



**Installing and Configuring JAVA**



**Installing Glassfish**



**Setting up JDBC Driver**



**Adding users for Glassfish Server**



**Adding glassfish as a service(OPTIONAL SKIP IF NOT REQUIRED)**

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**Configuring Glassfish for Remote access**

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**Configuring JDBC Connection Pool and JDBC Resources**

****

**Deploying JAVA WAR file:**

****

**Installing ReactJS**

****

**Creating React Application**

****

**For this tutorial all ports are configured to access from anywhere:**

Consider adding your specific IP addresses for security reason.

**Inbound Security Rule for RDS:**

RDS should be accessible only via Amazon EC2 instance and to do so add only Private IP of Amazon EC2 instance on port 3306 in RDS security group.

**Inbound Security Role for EC2:**

Keep Ports 22, 8080 and 3000 open to anywhere.