Assignment Day 12 | 8th November 2020

For any doubts regarding the assignment, ask questions in the AWS Group in the Community.
Submit Assignments by <mark>16th November 2020 11:59 PM.</mark>

Assignment Submit Form: https://forms.gle/Hgkz3CoTcUr5KA689

<mark>**Submit assignments in Appropriate Dropdowns.**</mark>

Question 1:

Task 1:Create a dynamo db table with minimum two disaster recovery zones and verify replication.
ss1:Disaster recovery regions with the table
ss2:Home region with all items displayed
ss3:Use query to fetch few items
ss4:deletion and verification

Task 2:Creating a dynamo DB table with global secondary indexes and fetching data using global secondary indexes.
ss1:Table with its items displayed
ss2:creating global secondary index
ss3:scan with global secondary index

Task 3:Deploying a python application in elastic beanstalk
ss1:Application page
ss2:env list page
ss3:env health status page
ss4:Web page launched using the elastic beanstalk env

Question 2:

1)Create a VPC with a private subnet and a public subnet

2)Create a igw and associate with the public subnet

3)create a natgateway and associate with public subnet

4)Create 3 subnets in 3 different az's in the same vpc using the same route table with target igw and ip:0.0.0.0/0

5)Now launch bastion server in the public subnet

launch two webservers in the private subnet

6)Create a load balncer in using the 3 subnets in the public subnet range

7)Install apache tomcat and edit index.html in Webserver1 and 2 throughh the bastion host.

now ensure your targets in the loadbalancer are healthy

8)Once they are healthy use the DNS to check the availability of the web application deployed on webservers.

FAQs

Q. What needs to be uploaded?
- A. 1. Pages of ALL instances
  2. Public ids of all instances
  3. Web Server pages of all instances.
  4. Above mentioned screenshots should be uploaded

Q. How to upload an assignment?
- A. 1.Take the screenshots
  2.Upload the screenshots in day wise folders in the drive or GitHub
  3.Share the link in the google form.

Q. When do I submit the Assignments and how?
- A. The assignments for the week should be submitted by Monday at 11:59 PM IST.

Q. Where do I get class links for the next session?
- A. All sessions will be Live on the Learning Management System. It will be also updated in the Community Group in the pinned post.

Q. I have some doubt, who do I ask?
- A. Post your Queries on the community, someone will help you out.