

AWS Peer Review

Akash's approach

Question 1

- Installed AWS CLI
- Configured AWS
- Provided Access Key ID, Secret Access Key, Default region name.
- Created a file policy.json and added the AssumeRolePolicyDocument.
- Creates an IAM role and set permission on these role
- Made a profile that uses these credentials
- Created an EC2 instance and bucket named 'gswbuck'

Question 2

- Created a s3 bucket with name aws-akash-assignment
- Created a role with name Lambda user
- Attached policies to that role policy 1 awslambdabasicexecution role policy 2 put bucket policy on
- Created a Lambda function and added the role created above to it
- Created a python script inside code and deployed it
- Added trigger rule to start the job
- Checked whether file is created in the s3 bucket or not
- Checked if the logs are generated in the cloudwatch or not

Question 3

- Followed the same steps from previous questions but created a new lambda function
- created a http api using aws api gateway service in the api added integration object as lambda function and selected my new lambda function
- set the method of the api to POST
- Deployed the api
- Tested the api using Postman service and checked the cloudwatch logs