

Instructions

- i) Download and place **Sandamith-LSEG-Project** directory on your Linux system.
- ii) Open terminal inside this directory or execute scripts after going to this directory.
- iii) Install services I have mentioned later to run scripts without errors.
- iv) Always run scripts as root.

Description of content in Sandamith-LSEG-Project

- run-script1.sh - Main Script 1
- run-script2.sh - Main Script 2
- script1.sh - First Script
- script2.sh - Second Script
- test-key.pem - Key pair permission file to my ec2 instance.
- logfile - Script results are stored here.
- server_data - Directory which contains compressed data file fetched from server.
- script_errors - This directory contains error logs of scripts.
- email - This directory contains files needed to run PHPMailer.

You can check if the web-server is working properly by simply visiting following link.

ec2-13-229-146-238.ap-southeast-1.compute.amazonaws.com

To scripts work properly you need to have following services installed on your system.

- 1) AWS CLI
- 2) PHP
- 3) PHPMailer

I have created an IAM user for my AWS account having full access to EC2, DynamoDB and S3.

After installing AWS CLI on your system, use following credentials to connect it to my account.

User Name : test_user

Password : TestUser123

Access Key : AKIAVA7OLH3FHCWKFDH5

Secret Key : KQ0IJN1mYyEilNVHPiOfovhGBhb4BB2SlZ7Mu10g

To SSH to my ec2 instance, key-pair permission file is already included in my directory. (test-key.pem)

All about codes are clearly commented in scripts. Make sure to read them.

Execute follwing two scripts to get things done.

run-script1.sh

run-script2.sh

After successful execution of scripts, you can login to my AWS console using given IAM user credentials and check for DynamoDB and S3 for data entries.

Thanks :)