Automated Backup of AWS Servers using Lambda functions

backup-initiator-lambda

ami-image-lambda

1. Trigger AMI creation

2. Creates AMI

AMI

5. Trigger if 1 &3 are successful

3. Trigger EBS snapshot

7. Move the logs to S3

6. Process logs

ami-image-cw-logs

4. Creates EBS Snapshot

8. Process logs

snapshot

ebs-snapshot-lambda

store-logs-lambda

10. Create a report and PUT in backup-reports S3

9. Move the logs to S3

ebs-snapshot-cw-logs

Backup-reports

11. S3 PUT event triggers

12. Sends email with report

Report-mailer-lambda

Email

email notification