Abbreviation

AWS Solution Architect Associate

# A

* ACM – AWS Certificate Manager

# C

* CLI – Command Line Interface

# D

* DMS – Database Migration Service
  + Quickly and securely migrates the databases in AWS. The source database remains available during the migration
* DNS – Domain Name System
* DataSync –
  + Transfer large amount of data between on-premise NFS or SMB systems and S3, EFS, FSx for Windows
  + AWS. DataSync agent should be installed on premise.

# E

* EC2 – Elastic Compute Cloud
* ENI - Elastic Network Interface
  + Logical component in a VPC and they represent a virtual network card
* EBS – Elastic Block Storage
* ECS – Elastic Container Service
  + Container orchestration service that helps you to run Docker containers in your EC2 machines.
* EKS –
  + Running ECS on AWS-powered Kubernetes (running in EC2)
* EMR – Elastic MapReduce
  + Helps creating Hadoop clusters to analyse and process vast amount of data.
* ECR – Elastic Container Registry
  + Store, Manage and deploy containers on AWS
* EKS – Elastic Kubernetes Service
  + It is a way to run managed Kubernetes clusters on AWS

# H

* HPC – High Performance Computing
* HSM – Hardware Security Module
  + CloudHSM –   
    AWS provisions encryption hardware… you manage your own keys..   
    RedShift supports CloudHSM for database encryption and key management.

Can be used with SSE-C encryption

# O

* OU – Organizational Unit

# R

* RAM – Resouce Access Manager
  + Share AWS resources that you own with other AWS Account

# S

* SSL – Secure Sockets Layer
* SNI – Server Name Indication
* SMS – Server Migration Service
  + Incremental backup of on-premise live servers to AWS
* SCP – Service Control Policies
  + Search in IAM – Advance section
* SCT – Schema Conversion Tool
  + It is used along with DMS, when you source and target databases are different engines.
* Step Functions:
  + It is used to orchestrate your lambda functions and link them to one another. Represent flow as a JSON **state machine.**

# T

* TSL – Transport Layer Security