- Aws is a subsidiony that allows cloud computing sources.

- echot is cloud computing:

-It is the use of remate servers an internet to store, manage & process dord routher than along server.

bornage

- Scalabelly, is the ability to scale the computing or ocsources up or down when demand inmenses or domeous respectively.
- Flexibility allow us to settle on which programmy anoders, longuages & Os are cetter fitted to their happens
 - Elasticity is defined because of distribution of intomin) application traffic.

Services.

IAAS: All the biles stock, up to Ds is managed for your - up derit accord to invist in our own the
- infrastructure reales an -alomand to support absorbit

- up out looks

- introduce stability, reliability, supportability

A mazon Elastic lampute clased (E(2) offers brooder & desport compute platform, with over 475 instances & chaile of latest processor storogy, nho, Os ...

platform as service (Kas)

This allows developers to consider on their code without needing to manage environment on which it owns.

Perclaper simply upload their code to suith web apply.

perclaped simply appears their cost to suit was apply.

Peras manage is disgreat to support the complete web apply.

Life itche: building, telting, diploting, managing, upulating.

Databases an also be affect in platform as asserving

adu: dunlop applications bester

i reduce complexity with unapproprie as a such

Softwork as oliving

- Software apply that are delivered over interiet.

Grown, Dropbox, B. - There one mosty to se.

benefit : Signup & rapidly start using

· Apps & date and allestille him any connected comp.

: No dala is last if your comp broats.

: Inamically scale to sign ered.

61): MI office, Google com

ANY - cloud essential practitioner - course

Aws Eld- vintual server

- It provides scalable computing expactly in Aws cloud.

- It eliminates your need to invest in who up had, so you

- It eliminates your need to invest in who up had, so you

ton develop & deploy applications buster. Charles us to

ton develop & deploy applications further. S.

Scalu up ordown bajed on regularments.

It movies good balance of computery diff Ech instances 2. Compute optimized instance compute server a high proformance computers. 1. Cheretal purpose instance: & Now Mount. mts coved of my intensive tosks with cound of altolohous, graphic process, 3. memor optimized instant 5. 5 lorage eptenneral : 12 1900 Per homony for Iwally stored Later. Elastic Load Balancing - For balancing the traffit - Automortically distributes incoming apply traffic across multiple resources. Amoson sas (simple drive seening) - send mellagel - store - peare 11 Blu slus components ENEL EMPLE notification toning - sent mellager like secreed incerns, AWS Lambda It is a surveyly compute option

Intervally with Aws Services - Aus management console - aws commend line interface - marker Api call using terminal - Aws she development kits . - use Aws seeville through an

Aws-Direct connect

it allows. you to establish - completely private declaranted likes connection from your donter centers to

Amozen Route 13 - BNS seemly of amozon

1) Amorzon Elastic Block store (EBS) is service that provides
block-level storage volumes that you can are with ECR instances. If jou stop or terminate an amazon Els instance all data on attacked Egs volume remover, queilass.

Amazon simple storage saver (63) - stone dorlar as object - store obj in bucket - store 000 5TB. 2 Amazon Staster Felezyrten RDBMS Amorron Relational dalebox Struck Automorted patching a Boileups -) Fallover 7 Groundany a proster becomy Amazon Dinamobs - Non-relational database - militer unitions time - Wight Flolople Redshift - database how as a snovine Databak migration service - more dates the source database for Longet. - database remain fully functional during migration. Poinciple of lead privilege: A users is granted aluri only to what they need

Lus Identity & Alless many (IAM)

6 nable us to monage access to ques service & orsource sevaly

most used: All permissions over the occount. IAM USES: wentify we create in Aws. · default · Nopermission . iam policus: down that allow loans premission. IAM dearb: reprietas at noses Distributed dential of servicer (D DOI) - Secondo groups - Clastic I wad balanu/ Aus cloud Trail - Every request gets logged in cloud trail angula. A ws Trusted advisor - Inspects your Aws env. & provides reals time recommendation in allowdord with Aws best praction. - Lost ophonication · Pers for mony - stimily - Sewill Irmite. MOD-8 Proteing & Suppost -7 ld noty 7 Wall

-> Weats budget plan

2. Myration & mesuction

6 core perspriting of Adoption

People

plant form

sounds.

¿ common migration stortegy

Reheiting, Replatforming, Retalloring,

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79 15

. Reporters, retaining, Retains.