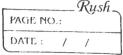
MODULE 1 Cloud computing - Ir is on-demand delivery of compute poince, database, storage, applications and other IT resource was the internet as with pay - as - you -go pricing benefits: -Injecutiveture as a software Software Solution -> cohy? · Can charge more quickly, easily man hadware eleminate. acany litting tasks. Three main cloud computing models: provide the Saas Pur need Platfour as-a Coptuan a a Inpartentino ara Service pedende More control hess control Our IT Resource over IT resources Cloud deployment models: ty brid basel every depressed in the count Private) queaute and eximing Ou Premises June all parts of approxim how beated in Truck and within and within and within and within an agreent ann in the word

Advantage: Why Companies Went to move to cloud Capital expenses are funds that company eignies to mountain physical dissests suches as property, circulation building to so cloud computing gedires the capital investment by allowing day consume therese saving money on 2) Massive economics of scale > By using CC you can arriew a louver voulable cost than no of user will be using it ANS will ent-down the services pelling. Eliminete grussing about your inpartructure capacity nucle, with traditional methods you need to best decide storage before deploying application and then later on deel with either Reyect resources but expensive or limited resburces or capacity. With AWS Scaling on demand. Increase speed and agility: - fuscures are only a dick away curlike ittaletrained method that tooks weeks b/w wanting and having Mesources. Stop spending money on sunning and maintaing data centres allowing eyou to only focus on customers and their needs.

| | PAGE NO.: DATE: / / |
|-----------|--|
| (6) | Co access is an a you can sleelen your application |
| | Go global in minutes > You can olipley your application In multiple AWS region around the world with few clicks. |
| | Lew clicke |
| | |
| | Web Services - It is a pièce of software that makes |
| | itself avallable over the interner and uses a |
| | standalized bemat Such as (XML) Extensible Markey |
| | Language DEON for request and lesponse of an |
| | API interaction. |
| | |
| | Aws > |
| <u> </u> | Serve cloud playoun, ogers a broad set of global |
| | abud based products |
| (2) | On demand occuse services can be) Open periodity - reconfigured and updated on demand |
| (3) | offer periodity > accompanie and upstalla or control |
| 14 | pay oney per services you need, as long as you use |
| | AWS Dewices work together. |
| (5) | |
| | Corlegories of service: Blockcaain @ database 3 Application integration 3 Analytics. UC. |
| 0 | Blockcaain @ database (3) Application interation (3) |
| | Analytics. Mc. |
| | U |
| * | Services com be chosen based on business goals and technology signiments |
| • | technology signiments |
| • | |
| • | Ways to interact with AWS: - (ways to Occus core service) |
| | Awd Management Console - provides graphical interface |
| O | Command Line Interface-provides suites of utilities |
| <u>(3</u> | Software Development Kits (SDK)- packages allow accessery AWS in a partity of programming language |
| | many of programmy stronger |

| × | All three above services are built on REST- |
|---------|---|
| | dike API. |
| | |
| | The Gold Adoption Framework - |
| | AWS provider guidance and best solutions practices |
| | to help organization to acculate successful adoption. |
| | actual adoption. |
| | 6 CAG DOLLINGS - |
| | 6 CAF Perspectives:— Focus on Lechnical capabilities |
| | [Busnes Playoun C |
| | People Security |
| | Gouerance operations |
| | |
| | To migrate IT payfolio to cloud people, |
| | To migrate IT portfolio to cloud people, process and termology must be in alignment. |
| | V |
| | Business perspective |
| | · L> II prance |
| | IT Otrategy |
| | Benefits healightion 7 Business risk management. |
| | A sources for the state of the |
| | Ensure IT is aligned with business needs. |
| | |
| | People perspective -> |
| | 1) lesource management |
| | 7 gucentive management |
| | 1) Career 11 |
| | 4 Training " |
| | Pricetizes training, stepping and organizational change |



Governce -> ensues skills and processes align 17
strategy and goals with business strategy and + Portfolio management. (4) Platform -> describe the architecture of target state environment 4 Storage " etc. Secréty -> Ensur organization med its society objectives. Detective control etc. Operations -> defines now day-to-day, quarter-to-Quarter and Conducted. 4) Service monitoring