Shravani Patil DISA - 38 2+109/24 Advance Dwops- designment no:01 9.1 Use 88 bucket and host video sterraming > I Amazon 83 limbit with Amazon cloud front Is rised to host on demand moders Creedes content is stored on server 29 receiver you watch any time amazon cloudpeant is able service that speeds up distribution of stati Egdejanamie will content to users. Schoudfront delivers contents through wouldride relievely of data centere raved edge collections andfrond used the cause for the labort loveret lateries. If content lis abready in edge collecting it will delive emmediately Otherwise it will releven from the origin (S3 buebet). In our cast, media jackage MTTP Soully stops for host wder obreaming; using 83 luckot: scate an 33 bustat lipload a video to the 83 bucket. iii create a cloudform origin access identily ouate a cloudfront distribution v occes the the mode through bridgeont distribution Vil Configure your dougheart distribution to use your custom domain name. FOR EDUCATIONAL USE

vis Access 53 violes through doudprosit diseasures with the custom domain name. vivi optional - view data requests received by your clean 9.4. What is Nagios? enplain how nagios is rused in > Nagios is an open source nonitoring pealfouny tool designed of to oversee system meturocers & infuablemeture - It helps organisa tion edinity and resolute IT inguastructure problems refore true impact outral lusiner - freocesses. Nagios upes in &- luvies: They are fullically available services such as HTTP, STP, SMTP ett. This summis me notione, accessible senues like web sources email serveus white private services ne d with mediany agents for monitoring. Nagios used plugares to monitor & Dissions many of which come few existalled & additional plugins can let fined found ordered ou dheloped by useus. To morelose a service, a frost must just us defined in Nagio's configuration Nagios provide olevet if services parled to ruspond

Q. 2. Discuss BMW and plast star case studies using AWS > Overmen. BMW is a leading automature manufacturer known for its lunury outliers, while dotator is a popular Islaming parfour in India, of contact, including novus , - v shows and win spouts . Both companies have retilized AWS to device the emodation imperare customer experiences Eg optimist their operations. 1. Converted reballs and Data Analytics tuhnology into the promont of vilegeoling A ws I laury can collect and analyse of rast amounts data from their converted caus. The data encludes · rehile penformanne Data: Mointourg engure performative, fuel equiency & maintaineme Deiren behaviour: Undvestanding hour denvens interact with their vehicles which an lied to forwandined services and safety features. FOR EDUCATIONAL USE

Benchits: · Pudielue nointainere : A WS enables BMW to use madient leaving algorithms to predict rulen a veluile wards surring, reduing docentrice of unperouing oustomed features. Enhanced customer Jusights By Analyzing delven patterns, 8MW can tailou marketing studigies & aculop features that resonale with there assences 2. Scalabilities & cost management BMW Tutitisis AWS'S scalable infrastructure to lande varying workbads, especially during product lambres on wents. · Cost etuency - BMW can sealle resources on down listed on demand, ensuing they only pay for what they use ? · excual mais - Ans's gold ingrastimetime allows BMW to deploy applications closes to this customer's Quedicing lateries & simproving) servill delivery. stolston use of Aws 1. Content Delivery & stroaming survives Massive content every Eg delicre high

delivier eigh quality shearning expensives to · Aws Mount- soloblan ruses Aws/3 content delivery Notwork (CDN) to deliver content helpuing a downtine during peak times such as majore sports werds Benefits: . Scaldvelly. Devery events like 192, when there is a massive wapri. AWB allows substance to scall resources disanamically to handle trose spekes weathout comprending performance. cubbal Context Reach: Ans Enables plotslave to distinute content aways multiple regions, ensuring that mens wouldwide can avers their sewies seanlessey. 2 Nata malytis ou use Engagement sedstar mudages Anes datal analgues bols to gather insights about user behaviour, contant perpoientes en newing palletins. Aus reideligt Eg Alhera - These services help stotslaw analyse lange datasets to inférence content renommendations es user ena agement sheatigus. FOR EDUCATIONAL USE

Burefits: Personalised content Recommendations: By exclusived contents to reces, enhancing their mowing experience. faviliand Jaugard Advertising. Ensights gathered from now data enalle Opolitail to Serve more largeted ads, menasing ads revenue & imperoving o user satisfailion Challenging & solutions: while both BMWCy photslave hour seen significant benefits from using AWS, thingaloo data Ey advaning to regulations is paramount experience in the automatrie & sulcarning · solutions - Both companies retire AUS evolust security permites like megation, scientity & access management ciam) de compeiance 2. Cost Management - do the resage seales, warraging cost can lume challengily solutions: guplementing Aus Toot Enployer Budgets, luga both compenies

monitore og oftenise their doud enjendelævre. Coulsin .. Dureyour, By wraging Aus's scalabetty data malignes & recti geobal infrastructure lette compands and well structured to meet the evolung need of their customers and stay ahead of the competition-9.3. Why Kuleuwites and adventages & disadvantages of Kulwenotes. Enflorin how advotas uses o Kaluanstes. report is Kuleunotes ? Kebeunetts is an open source container ouhestrafrom prospers designed to automate the deplay. ment scaling and waragement of the containing applications originally developed ung google it has burne a standard for managing cloud-nature applications Es miero Endices quelitochere. davantages: Automated Deployment & sealing: partites easy deplayment and scaling of approx on demand. self Hooling: Automatically enstants on repairs artid outainers FOR EDUCATIONAL USE

containing - destrutentes broffi amors containins for opterial resource use. Disacheoulages. i complexity step leaving cum & quational challenges, especially see beginners. ii. assenue ountread. I den réquire significaire computational suscerus. vii Nativous challenges - configuring networking ca ev frequent apartes - rapid wolution can lead stow didas uses sulcunetes Mucosewes dufitechlare. delèdas has adopted a microscouries autretechnic to enable againly of fastive delivery of features subscentes aliques audus saidas es thest meansenies expedively is scalabilder & serformance: Devenie digit electric events solidas can us kuluemous to seale its applications automatically leased on usur durand. Do manyer. bely ensure that the e-connecte patform remains ensponsible, handling lange voluntes FOR EDUCATIONAL USE