Name: Himanthy Daik
Class-DISC
Rollno63
Assignment: Advanops Name: Himanthy Daik I Use 53 bucket and host video streaming The step by step procedures as pollows Step1) breate 53 bucket Definite your AWS management console
Drawigate to 52 render Storage xection

6 Click cereate bruket and peroxide renique
bruket name.

7 Configure permissions

9 Configure permissions

9 Configure permissions

1 click on your bruket mame

2) Whole whole files on 53

1 click on your bruket mame

2) All the whole bruket wontered but to allow Atek3) Fralde static respecte husting

Attrick the 53 bruket go inside the

properties tob.

2) Slepol to dtatic welesite hosting

dection and enable it. 3) det the index document and provide an optional lover forument Stef 4) Nontigure bucket hermissions to allow hubite alles.

Stef 5) i) breate on index both file containing a video player resing the video > 2) Whoad this index home to your so Stef 6 Accel your hosted video reguld be Mayuble in impedded homestic Amound se Sundaram

Disturs BMW and Hotstur case studies using Aws orverein & BMW, a leading automobile many. actioned to Amerion web services ( 11) to enhance it it infrastructure and duffort its digital terans fourmetion initiatives the company aimed to imperore operational efficiency speed up to the development and connected car durices and provide ketter bistomer inferiences. Kuy Uses of AWS Data Management: Byw uses Aws to collect and manage water from million of somewed predictive maintaine and enhance rehicle performance. 3 dealability: AWS dealable about durice enurse on to brandle flutrating workloads particularly during feak times like new yehile launthes or deferre updates. Case Lidy of Holling and AWS. 1) Elesticity: Motstan leverages Aws clastic computing resource to automatically scale up during tright traffic exents and deate sown aftened of timining lest efficiency.

Des Data malyrist diving: BNW leveraged AWS for Big data analytics Ito jain insights from visibile deta austoner preference and market tours This enables maintenance, sufety patures and customer enjagement through somewith surveys. Sundaram 3

Why kulvernetis and advantages and disadyantifes et kilbernetes Enfrain New adides usytelyn Kuleernetes is an open source container on Container corched ration pletperm designed to automate the development, earling and management of contained applications. It was standard in dond native development Advantages of kulrernetes Delalability: Kubernetes can automically Stale applications up or down bused on Demand enduring efficient resource sus.

B. High availebreity 9t provides sulf healing. properties or rescheduling in less or failure 3 Portability: It allows applications to sun consistently across different environments Declarative configuration: Users can define delired states and configurations through your of the files, simplifying managements built around kultynite inhancing its expallation Disadvantages of kulturetes. O complisity: The leaving surve can be stuped to its components and configuration required skilled personnel. D Resource intinsive & Running Kulyometer can require synipcant somputing resources, espically for small Scale applications. 3 Management, overhead: Managing a Kalsonnette Sundaram

duster involves monitoring, legging and maintions How addides her kulurnetes? Addidas has embraced Kulsvenetes as part of its digital transformation dirately to enhance its online presence and imprecise operational efficiency. Murielewies auchitecture: Adédes une kulurmetes to manage microscovices, allowing for faster deployment and scaling of individual service. 3) cy apipuline : Kultinetis facilitates continuous Integration and Continuous deployment leading to quicker cycles with a flobal sustancer base. Adides use bublimetes to memoge workloals efficiently acrest multiple data scentres and livered providers, ensuring low latency and high availability 5) Annovation and experimentation: The flatform allows addedas to enfoument with new technology Lysten fathering a culture of impaction 4 What are Nagies and explain how Nagios are used in Esources 7 Nagues is an open downce monitoring dystim that provides monitoring and abouting for duriers, notwork berices and applications It Kelp organisations ensure their It infras-Sundaram truthere runs amosthy by monitoring systems

Richard Nations check the status of survices health of systems real time visibility into health of systems alert via email on sus to respond quickly to outages for performance degradation. enallling at to monitor a wide swiety of applications, dervices, dervices enclude web based achtered for view system statuses about a herbernance data Alow Nagies is used in Exervice O Uptime Monitoring: Najiss Montinuously theil the availability of well severs and applicate if a service goes down it emmidially alerts the It Kam, allowing for quick rime (2) (influence unitoring: It track metrics su as response time and serve wads helping ayanesation jdentify proformance bottlenecks that would affect year populance 3 Resource usage monttoing. My los monitors C memory delle usage, network bandwidth providily insights into system health and Translation monitoring: In Commune, Napulan monitor splight transactions to ensure they, are functionally servertly, alerting (Sundarum)

Service dependency tracking: Vajips alle works to deline survice defrendencies, hely to reduce alert noise by prepressing all for dependent devices when a winter (8) deweity monitoring: It can monitor supplicions activity or policy vidations Desporting and Auditing "Nagues can reports en destem serjormence and incidents, which are compilance and performance Sundaram FOR EDUCATIONAL USE