| | Veydont Shorma DISC 50 |
|-----------------|--|
| - 30 | Assignment 1 |
| | betonis may to the Like the total |
| 91] | Use 33 bucket and host video streaming |
| \rightarrow | Step 1: Create an S3 bucket. |
| | is Navigate to 83 bucket |
| · Compa | -> Click on "Create bucket" |
| 3.00 | → Enter bucket name. → Choose a region |
| | -> Crease bucket |
| AM ATA | ii) Configure bucket permissions -> Click on your bucket -> Go to permissions tab -> Edit block public acres setting -> Add bucket policy to allow |
| | July load video files July load video files July or spks to upload files on supported formats. |
| -> | Step 2! Set up Cloud Front i) > Open voldfront The Create origin access identities and give name. |
| <u>fundaram</u> | FOR EDUCATIONAL USE |

| \$ | iii) go to create Cloud Front distributions Go to create Cloud Front distribution Go to create Cloud Front distribution Go to create Cloud Front distribution Go t |
|----|--|
| | ivosin default cache behaviour, select redirect HTTP to HTTPs. |
| | v) To accers, copy domain name of distributer |
| | distributer and click on the name |
| | vi) Go to 33 bucket and click on the name of the video you uploaded. |
| 1 | ii) Combine domain name and key of distribution and video respectively to make the Linal link. |
| Q | I take black public acress within |
| | walls at policy to all the elections and all the series |
| | touppad files on supported & |
| | -> Step 2: Set up Cloud Front i) -> Open up decent |

| | 10 11 10 12 10 10 10 10 10 10 10 10 10 10 10 10 10 |
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| 82) | Discuse BMW & hotsland case studies Wing aws. |
| 2 | Wing aws. |
| | mollilab of sexio notive that a day ! |
| | i) BMW case study |
| | Objective: BNW and & improve |
| | data management |
| | data management |
| OLONG | AWS Utilization: |
| -> | BALD lever & analytics |
| -> | allata storage of mining |
| | BMW leverages amazon 83 forstoring |
| | vast amounts of and used by Aws using |
| d V | vehicles and is |
| 2 | BMW leverages amazon 25 for Room vast amounts of data collected from vehicles and is analyzed by Aws using Redshift or athena. |
| | MAD (CONTROLLED AND AND AND AND AND AND AND AND AND AN |
| | |
| 0 | to securely connect its vehicles to |
| A A A A A | the cloud facilitary |
| | tata transfers |
| | |
| (3) | Machine Learning: |
| B | Mu utilizes Amazon sage maker for |
| d | evelopine machine learning models |
| 4 | MW utilizes Amazon sage maker for weloping machine learning models hat enhance customer experiences |
| | |
| | |
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| ii) Hotstar case study |
|--|
| Objective: Motster, a leading Streaming |
| service provider give to deliver |
| high quality video content to millions |
| of were |
| Anos utilization: |
| a) Scalable infrastructure: |
| Hotstor uses EC2 instances to scale |
| its computing resources dynamically |
| besed on demand |
| b) Content delivery: |
| Platform uses Amazon Cloud Front to |
| distribute vides appalle ensuring |
| distribute video globally ensuring low laterey and high availability. |
| b) for the earth of the second |
| C) Data analytics. |
| Hotster employee Aws analytic services |
| to gain insights into user orderences |
| and viewing habite |
| |
| Machine reprince more |
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| Alphan June 12 cantra walde |
| -WINDSHOP - COUNTY - CONTRACT - WAS DON'T PART - WAS DON' |
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| 83) John L. Licandron |
|--|
| of kubernetee & advantages, discussioning |
| (83) Why Kubernetee & advantages, disaadvantages, disaadvantag |
| |
| - Rubernetes is an open source container orchestration platform that automates |
| orchestration platform that automates |
| deployment, scaling and management |
| deployment, scaling and management of containorized applications. |
| |
| · Advantages: > 21 pair of mont sold seld to |
| |
| 1 Scalability: and was shift with |
| -> Rubernetes can automatically scale |
| applications based on demand. |
| 2 Her audiological of themandology page |
| 2 High availability: |
| wechanisms for automatic |
| -> Provides mechanisms for automatic restarts replication bload balancing |
| |
| 3 Resource Optimization |
| -> Schedules 8 manager containes |
| effectively. |
| 100-ton Some management of the |
| 4 Postability: |
| -1 And 11 11 1 |
| replications consistently across |
| vorious environments. |
| |
| |
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| |

| | Bay wasted (88 |
|--------|---|
| | is Complexity! Complexity! Has a steep learning curve |
| | |
| | i) Overhead |
| | i) Mr. Security Challenges Mis configurations Can lead to vulnerabilities. |
| | Monitoring needs. Offerive monitoring is essential. |
| * | How Adidas uses Kubernetes. Adidas uses to manage its microses Adidas uses it to manage its microses vices architecture enabling rapid deployment of application |
| -> | Its benifits include: |
| i) | Support for Ecommerce Operations |
| ii) | Enhanced Collaboration |
| Ciii | Improved resource management. |
| 220 | Applications can run consistency and Ivarious environments |
| | TANK TO THE TANK THE |
| | |
| | |
| taram® | FOR EDUCATIONAL USE |
| | |

| 94 | What are Magios l'explain how Nagios to are wed in E s'ervices? |
|----------|--|
| -> | Magios is an open source monitoring Nacios is an open source monitoring system that help's organizations monitor the health and performance of 17 infocustor- universe |
| | the hearth and performance of |
| -> | Magios in 6-services: |
| 1 | Monitoring uptime & downtime. Nagios monitors availability of e services |
| | monitatorine trey such as websites, email servers or would platforme ensuring that these services stay online. |
| | These say it is |
| 2 | Performance monitoring! |
| | It tracks the performance of Eservices, monitoring key metrix. |
| | |
| 3 | Alerts and notifications: |
| | Hagios can be configured to send notifications via email or SMS. |
| | / |
| ц. | Log Monitoring |
| 5. | austom plugins! |
| → | Allows instauration of custom pluging for |
| aram | monitoring specifico, e-services, for Educational USE |
| | |

| BU V | What are Magios & explain how agios to are wedin & services? |
|----------|--|
| → ! | Magios is an open source monitoring System that help's organizations monitor the health and performance of 17 infoasts- |
| | Magios in 6-services: |
| 1 | Monitoring uptime & downtime: Nacios monitors availability of e services monitorine trey such as Joebsites, email servers or cloud platforms ensuring that these services stay online. |
| 2 | Performance monitoring! It tracks the performance of Eservices, monitoring key metrix. |
| 3 | Alerts and notifications: Hagios can be configured to send notifications via email or SMS. |
| | Log Monitoring |
| 5 | Allows instantation of custom pluging for monitoring specific, e-services. |
| Gundaram | moninoring Specific Caracteristics For Educational USE |