

3. Configure the distribution.

- origin Domain name: select your SB bucket:

- viewer protocol policy: choose redirect H:

to HTTPS for secure access.

-cache Behaviour Setting: Configure cachin

- click create distribution. Step 4: Configure · Cloud front for secure ac 1. Create on origin access identity (OAI)
- In CloudFront origin console, go to - under origins and origin group click & create a new origin access Identity. e. Opdate 33 hucket policy. - Go to your 53 bucket. - Click on permission of then bucket poli - Add to policy to grant access to OAI. Steps: Access the video through cloudfront - In Cloudfront console, go to your distri - copy the domain name. 2. Use the URL.

- Use this URL in your web application to stream the video. Q2. Discuss BMW and Hot Star case studies wing AWS. FOR EDUCATIONAL USE Sundaram

p: BMW case study: Overview: Brow leverages Aws to enhance its digital transformation, focusing on innovation in connected vehicles and improving operational efficiency. Icey points: @ Data Analytics EMW uses Aws for big data analytics, enabling real time processing of vehicles data. @ Cloud Intrastructure By migrating to AWS, BMW benefits from scalable & flexible cloud infrastructure, reducing its costs of enhancing agility. (3) Connected schicles: AWS supports BMW's connected care initiatives allowing for seamless integration of services. (9) security of compliance: Aws provided robust security measures that help BMW maintain compliance with centomotive industry standards Hot Star Case Study: Overview: Mot sterr, a popular straming Service in Asia, utilize Aws to deliver high quality contant to millions of user.

Descalability: During peak events (like sporting), Hotstar scales its intrasture dynamically with Aws services to hand massive spikes in user traffic. key points: Content delivery: The use of Amazon Cloud-ront enhances the delivery of streaming of streaming low latency or high availability. B) Machine learning: Hotsfor employs Aws machine learning services to personalize user experiences of optimize content recon 4) Cod management: By using Aws pay-as-you-go metho mod Hotsterr manages operational costs effective aligning expenses with user demand. Condusion: Both Brow and trotStar demonstrate how can drive innovation of operational efficie in different industriei.

13: Why Kirbernetes and advantages and disadvantages of kubernetes. Explain how adidas uses kubernetes. orchestration platform designed to automate deploying scaling of managing containerized applications. Advantages of kuberonetes:
1. Scalability: Acutomatically adjusts resources based on demand. de Postability: Consistent performance across cloud and on-premises environments.

3. High availability: self-heals and ensures uptime. 4. load balancing: Distributes traffic effectively. Disadvantages of kubernetes: 1. Complexity: steep tearning et curve & setup time. Resource Intensive: Requires significant computing resources. 3. Operational Overbead: Needs continuous management and monitoring. 4. Networking Challenges: Complicated configuration - ns can be micky to troubleshoot. FOR EDUCATIONAL USE

How Adidas uses tubernetes: Adidas user kubernetes to scale their Hardas user kuberneter to scare men e-commerce platform globally. It allows them to manage microservices efficiently By adopting a microservice architecture with kubernetes. Adidas can handle high traffic events like product launches with ease through auto-scaling, ensuring religions and ensuring religions. performance. kubérnetes also supports their ci/co. pipelines allowing for jaster updates a feature rollouts without downtime. Oh. What are Magios and explain how Magios
are used in 6-services? lon: plagges is an open source monitoring tool used to oversee systems, networks. services. It helps detect us issues by continuously monitoring resources. tay features of Nagros: 1. Monitoring of Network services: Nagios monitors services such as HTTP, 10-1779, nemon, disk space, etc. can be tracked for servers and network devices.

3. Aterting system: When critical thresholds one reached, Nagios sends alerts via emails, m. FOR EDUCATIONAL USE

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4. Deb Interface: It offers a web-based interface for viewing system statuses, logs of trends. 5 scalability: It can be used to monitor both small of large infrastructure. How Magios is used in E-services: 1) Uptime monitoring: It monitors the availability of e-services, ensuring that websites, payment gateways of other contical component remain operational.

Derformance monitoring: Nacjos trocks the performance of server recovers, databases finetworks, ensuing that services are delivered efficiently to users. 3 Incident detection: If there's a system failure, service outage or performance degradation, Magios instantly defects the issue and all alerts the IT team to & Security monitoring! Nagios can track suspicions activities, detect manthonized access of monitor the health of security systems. (5) Capacity planning: try monitoring revources esage trends over time, Magios helps in planning upgrades or resources allocation to avoid slow downs or outages.

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