Name: Hdvik. Hegde Adv Devops Assignant -1 Dsv/RNo.: D15C/15 To host video estreaming working S3 bucket on AWS, follow those steps: 17 Create an S3 bucket: Log in to ANS management compole, go to the S3 service and create a new S3 bucket. Ensure to choose a globally unique bucket name and region close to your users for better performance 27 Configure Bucket permissions: Set the bucket permissions to allow public access for abjects you want to entream. Go It to the permissions tab. disable "Block all public access" and configure a bucket palay that allows public seed access. 3) Upload Video tiles: Upload the video files you want to estream into the 93 bucket Ensure the files are in a format compatible with streaming (eg. mp4, mov) HI the S3 bucket settings, enable static website hosting by navigating to the 'Properties' tob and configuring Index and everax documents 5) Horess Streaming URL: Once hosting is enabled, across the video through the provided S3 URL or use CloudFront, AWS's content delivery network (CON); to reduce latercy and improve video est rearring performance.

Finally, you can embed the video URL into an HTM. file or website for users to stream directly from the S3 busket.

Por Discuss BMW and Hot Star come solutions using

BMW case study with ANS: BMM uses FIVE to support it's connected can initiative, offering real time data and securices to millions of volides globally. AND provides the intrastructure for BMW's "Connected Direct problem platform, which integrates features like novingation, entertainment, and safety. BMW leverages AND services guch as EC2, S3 and RDS to manage large valumes at data generated by vehicles. The doud intrastructure helps BMW reduce operational costs and enhance user experiences by delivering reliable, fast, and secure sexperiences by delivering reliable,

Hotstare case study with AUS: Hotstare, one of Indias Largest video satreaming platforms, utilizes AWS to Stream live events such as crucket matches to million of concurrent users. AUS securices like EC2, Lambor 53 and Claud Front wore caucial in enabling Hotstare to handle peak traffic without compromising on performance. The combination of AVS's content delivery natural CCDN) and saturage solutions ensures that Hotstare can provide seamless video streaming with minimal bufforing, improving user experience.

(Sundarani)

(P.3) Why Kubernetos and advantages and disadvantages of Kubernetos. Explain how adidas uses Kubernetos. Kubernetas is an open-source container or chestration platform that automata the deployment, excaling, and management of containerized applications. It handles tasks like load bladancing, self-healing, scaling and resource optimization, making it a go-to solution for modern applications. - espotrarbH is Scalability: Easily exales applications horizontally & vertical High availability: reschedules foiled containers to maintain rustion Resource efficiency: Efficiently utilizes hardware resources.

Other advantages include partiability and automator Usadventages: in Complexity: The steep tearing were due to its extension features. Overhead: Dean costs for smaller applications How adidos uses Kubernetos: Haidas adopted Kubernetos to manage its microsservices - based architecture and improve the agility of it's platformer. Adidas benefits from Kubernetes ability to scale workloades dynamically during peak traffic periods, such as product launches or high-demand times like halida seasons. This flexibility allows Adidas to deliver a consistent user experience while maintaining operations efficiency ocross its e-commonce platforms. (Sundaram)

1947 What are Magios and explain how Magios are us

Nagiba is an open-source monitoring tool that helps track the health and performance of IT infrastructum including sources, applications, sources, and naturates, it provides steal-time alouts & an issues like sense downtime, naturate failures, or resource exhaustion, allowing administrators to resource problems before they impact useds.

In E-services, Nagios is used to monitor award services like payment gaturays, website uptimo, and database availability. It ensures someoth service delivery by detecting issues early and natifying the IT team, thus preventing service dissuptions, minimizing downtime, and ensuring a reliable user experience for end-uses.

How Nagios Worldo.

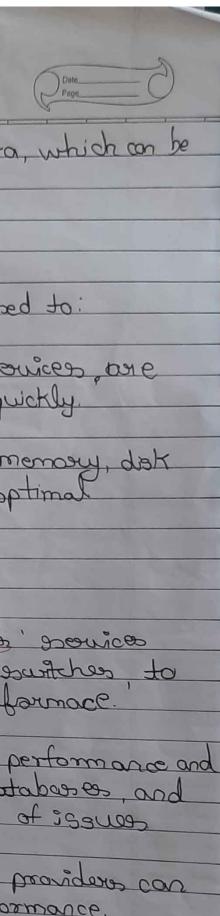
anique prizer consterre recotinom esignol : princtorly that that to a contrate traper and stead con vivor or source to a contrate to a contrat

Alests: When Nagios detects an issue, it souls alorts to administrators or usous.

Visualization: Nagios afforms a veb intologue to sevine ant maritared devices and sevines.

FOR EDUCATIONAL USE

(Sundaram)



logging: It loss system performance data, which can be used for auditing and troublesshooting. Usage in e-Sources: In context of e-services, Nagios is used to: always available and detect outages quickly. Drack Resource unage: Monitor CPU, memory, disk Space, and other motion to ensure optimal It is also used to implement: Network Monitoring: Monitors notworks, sources and hardware, such as souteres and southeres to ensure seamon and performace. Application monitoring: Observes the performance and availability of web applications, databases, and Application of issues. By implementing Nogios e-service providers can maintain high availability and performance, ultimately enhaing customer statisfaction and trust.