

step 3): Accessing the hosted video: (i) Once the distribution is deployed copy its do and of the video in the bucket where it is uploaded click on its name. Copy the key of sucket. This will diosbir to the 3 on your address URL bar, used the link as 2 domain name 7/2 key video.

Thus, we have deployed a video on an S3 bucket using a content Distribution Network (CDN):- cloudrage. Q.2 Discus BMW& Hotsfar case studies using AWS -> BMW & HOTSTOR CONE STUDIES USING AWS. BMW. renowered global automotive leader, leverages AWS to have its digital transformation & its operational efficiency. BMW utilizes AWS to power is connected drive platform, offering real-times of remote diagnostics by processing vous amounts of vehicle sensor delle ANS services like AMAZON Sagemaker & AWS IOT enable BMW to perform advanced data analytics machine learning, optimizing vehicle performances Customer experience. Hot stor, a leading Indian streaming platform, relies on

Aws to manages massive traffic super particularly relies on during live everts. Using Aws's scalable in frastructure of concurrent viewers to content delivery to millions scaling resources acc. to demand The astructure of the services like Amazon scaling resources acc. to demand The astructure acc. to demand The astructure acc. to demand The astructure acc.

provided by AWS ensures low latercy & high performance delivering high-quality streaming experiences Additionally, AWS'S security features protect Hostar's content & user data, while the platform's agility allows for eapid feature deployment getting pace with the fast-evolving entertainment

03. Why to use Kubernetes. Write its advantages & disadvantages. Explain how adidas uses it. > kubernets is an open-source container orchestertion platform that automakes the deployment scaling & management of containerized applications. · Advantages of kubernetes: 1) Automation: Automates deployment, 5 caling & mangement of containerized applications. 2) Compatibility: Runs on various envisonments 3) Scalability: Easily scalable applications 4) Self-healing: Automatically restarts & reschedules

containers that fail or go down. 5) Ecosystem Integration: Supports a wide range of tools f services enhancing Heribility

Disadvuntages: 1) Complexity: The learning curve can be Steep for 17ew 4 sers due to its intricate architecture.

2) Resource overhead: Requires significant resources to run, Which might Mot be cost-effective for small applis.

3) Debugging challenges: Troubleshooting can be difficult

in a distributed environment.

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· How Adides uses kuberneles Adidas employs kuberneles to enhance its e-comme plateem's scalability & reliability By using kubernele they can efficiently manage microservices ensuring that their applications can hardle high traffic during peak times. This ultimately leads to improper performance & customer substantion. Additionally, the self-healing capabilities allow them to minimize down time, maintaining a robust digital presence.

4) What are Nagios & explain how Nagios are used in E-service &

Nagios is an open-source monitoring & alerting services for servers, networks & applications. It allows users to track the performance & availability of various IT resources.

· How Nagios is used in Esservices;

D'Infrastructure Monitaing: Nagio monitors health of serve network devices & applications to ensure they are running optimally.

2) Alesting: It sends alests to alests administrators when issues arise, allowing for quick responses to

prevent downtime.

3 Performance Tracking: Nagios helps track resources usage (CPU, memory etc.) enabling proactive managem

Eservice Monitoring: At- checks the availability of critical services remain