

Pi) Upload this index html to your 53 hucket. Step 6) docess your hosted video your video would be playable in embeded HTML player (02) BMW and Hotstur Case study using AWS. > BMW uses AWS to prower its connected can system, enabling real time data processing, ones the air updates and personalized deriving experiences. AWS' global infrastructure helps BMW pranage lange scale vhile data allowing predictive maintainance and enhancing austonies experience through features like troffic info, Paesking availability. It provides scalability and security, ensuring that BMW can deliver services efficiently. · Hotstar a leading streaming platform relies on AWS to manage massive traffic spikes during live event like IPL, where millions of users connect. simultaneously. Aws helps hotsteen scale elastically witizing ECZ instances Cloud Front and S3 storage to perovide low latency, high quality Video streaming This ensures smooth services during plack hours giving huge loads; Enabling hotsfeer to handle ouls 25 million users simultaneously! (3) Why kubernetes and advantages and disadvantages of Kubernetes. Explain how adidas uses kubernetes and manageres.

-> Kubernetes automates the deployment, scaling and manageres of containerized application, making it popular choice for EDUCATIONAL USE for ouchestrating microsenices

Duantages

- Automated Scaling and self healing

- Supports multicloud and hybrid deployment

- efficiently usage of resource shrough

containers ouchest ration.

Disadvanetages:-

· Complexity in setup and operation
· Requires sleep leading were for configuration

Adidas uses Kubernetes to manage its E-connerce infrastructure, which involves deploying 100; of microservices. Kubernetes enabled Adidas to handle Peak traffic during peroduct lounches by scalling services automotically and dict reluting loads efficiently. The Agisty and scalability have helped adidas strengthen its digital operation & improve uses satisfaction

Q4] What is Nagios and How its used in E-services! Nagios is an open source monitoring tool used to monitor the health and performance of IT infrastructure. It tracks system metrics like CPU, nemory disk usage alerts administrators of potential risks before they affect the users In E-services, Nagios ensures uptime and presponnance of central online securices by monitoring service

health, Letecting failures and automatically trigeries failure actions. This proactive approvach helps to minimize down time & maintain service availability, making it councied tool feer maintaining seemless uses experience. FOR EDUCATIONAL USE (Sundaram)