Shucta Wadhwa ASSIGNMEN 7-1 Hot Star case studies using Aws. BNW and Hot star case Studies using Aws. Bry w a renouved global automotive leader, hverages Aug to arive its digital transformation and enhance its operational efficiency. Briw utilizes Aws to power its connected prive platform, offering real-time updates now navigation and remote diagnostics by processing vest amount of vehicle sensor data. Aws services like Amazon Sugemaker and Aws IOT enable BNN To perform advanced duta analytices and machine learning, optimizing vehicle performancy and customes Hotster, a leasting Indian streaming platform, relig on Aws to manage massive traffic spikes particularly during live events . Using AWS-s scalable intrastructure, Hotstan ensures seamles content dilevery to millions of concurrent viewers 53 through servicus like Amazon Cloud Front, Amazon 53, Amazon Fiz.

to fatur, a leading Indian streaming platform, relies on Aws to manage massive traffic spikes, particularly during live events. Using Aws is scalable intrastructure, that star ensures seamles content chilevery to millions of concurrent viewers 53 through services like Amazon Cloud Front, Amazon 53, Amazon 622.

Awsis pay-as-you-go model optimizes costs by Scaling resources according to demand. The global con provider, by Aws ensures Iom taking and high performance drivering high requality streaming experiency.

Additionally, Awsis Security feature protect Hotstans, content and user clouds, while the platforms.

a bility allows for rupid feature diployment.

(Sundaram)

keeping pare width the fast evolving entertainment

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83 why subernets and advantages and disadvantages of kubernetis. Explain how actidus uses kubernets Kubernet s i's a open-source container orches tration platform wat automatic the deployment, scaling and management of containerinal applications. Advantages of kuberneti 1: 1) Automation. Automates deployment, scaling and management of contentral applications: e) Portability: Rung on vanious environments including public douds, private clouds and on-premises. 5) Scalability: Easily Scales applications horizontally to meet increasing demand. 4) Self-Healing- Detects and replaces failed containing ensuring high avruitability. 5) Resource optimization- Efficiently manages resource reducing costs. Disadrantages of kuberneta: 1) complexity - It can be complex to set up and manage 2) learning curve - Requires significant time and effort to learn and master. 3) Initial Setup. The initial setup can be time-consuming and may require specialized knowledge. How adidos used kubernety Adidous leverages Kubonnetts to Enhance its application scalability and reliability. By microsenvices or aram FOR EDUCATIONAL USE

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Stop 2". Set up Cloud Front. (i) Search for cloud 1= ront on services tab. Openition pullations - reason a new tells. (ii) on the left pane, under security, click on origin acces there, go to leartities (legary). Create an origin access identify. (iii) go back to distributions and create a Cloud Front distribution. (iv) In the origin feild-> Select the 53 bocket where video i's oploaded. Under origin access, select legacy access identifies. Select the i'dentity that has been created. Click on yes updat bucket policy. In default cache behaviour, under viewer, select Redirect HTTP to HTTPS. under web application Firewall, soled- Enable Security protection (reate the distribution This will deploy it Step 3- Accessing the hosted video-(i) once the distribution is deployed, lopy its do main name. is go to the video in the bucket when it is uploaded. cuck on its name. Copy the key of (iii) on your address UPL bour, used the use the link as Edomain name > /2 key of video>.

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