MEDIA STREAMING WITH IBM CLOUD VIDEO STREAMING

**PHASE 4**

**PROBLEM:**

**Implement the functionality for users to upload their movies and videos to the platform.**

**Integrate IBM Cloud Video Streaming services to enable smooth and high-quality video playback**

**ABSTRACT:**

IBM Cloud Video Streaming services is a scalable, cloud-based online video platform that provides an end-to-end solution for live or on-demand content to external audiences . It is managed from a dashboard by account administrators and supports both ease-of-use and complex setups while being able to scale through built-in multi-CDN support .

IBM Cloud Video Streaming services offers a range of features to enhance your video content, including:

Real-time chat and Q&A modules: These modules allow you to engage with your audience in real-time, answer questions, and receive feedback .

AI-driven transcription: This feature enables you to transcribe your video content automatically, making it more accessible to a wider audience .

Multi-CDN support: This feature ensures that your video content is delivered quickly and reliably to your audience, regardless of their location .

IBM Cloud Video Streaming services is used by thousands of companies worldwide for streaming virtual events, executive town halls, video marketing product launches, and OTT streaming

**ALGORITHM:**

To enable users to upload their movies and videos to the platform, you can use a variety of tools and technologies. One such tool is IBM Cloud Video Streaming services. This service provides a scalable, cloud-based online video platform that is an end-to-end solution for live or on-demand content to external audiences .

To integrate IBM Cloud Video Streaming services, you can follow the steps below:

1. Create an IBM Cloud account:

You can create an IBM Cloud account by visiting the IBM Cloud website and following the instructions provided 1.

1. Create a new instance of IBM Cloud Video Streaming:

Once you have created an IBM Cloud account, you can create a new instance of IBM Cloud Video Streaming by following the instructions provided in the documentation 1.

1. Configure your video streaming settings:

After creating an instance of IBM Cloud Video Streaming, you can configure your video streaming settings to enable smooth and high-quality video playback. You can use features such as multi-CDN support, real-time chat and Q&A modules, and AI-driven transcription to enhance your video content.

**STEPS TO CREATE AN ACCOUNT IN IBM**:

To create an IBM Cloud account, you can follow the steps below:

Visit the IBM Cloud website 1.

Click on the “Log in” button located at the top right corner of the page.

If you already have an IBMid, enter your credentials and click on “Sign in”. If you don’t have an IBMid, click on “Create an IBMid” and follow the instructions provided to create a new account .

Once you have created an IBMid, log in to your account and follow the instructions provided to create a new instance of IBM Cloud Video Streaming .

**TO CONFIGURE THE VIDEO STREAMING SETTINGS:**

To configure your video streaming settings, you can use the IBM Cloud Video Streaming service. This service provides a scalable, cloud-based online video platform that is an end-to-end solution for live or on-demand content to external audiences .

After creating an instance of IBM Cloud Video Streaming, you can configure your video streaming settings to enable smooth and high-quality video playback. You can use features such as multi-CDN support, real-time chat and Q&A modules, and AI-driven transcription to enhance your video content .

If you are using OBS Studio for streaming, you can also customize your streaming settings to optimize your video quality. You can adjust your audio settings, video settings, encoder settings, keybinds, sources, and more.

**POSSIBLE SOLLUTION:**

1. Creating an IBM Cloud account.
2. Creating a new instance of IBM Cloud Video Streaming.
3. Configuring a video streaming settings.

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