

MEDIA STREAMING WITH IBM CLOUD MEDIA STREAMING



SUGUNA

COLLEGE OF ENGINEERING

Approved by AICTE, New Delhi and Affiliated to Anna Univ

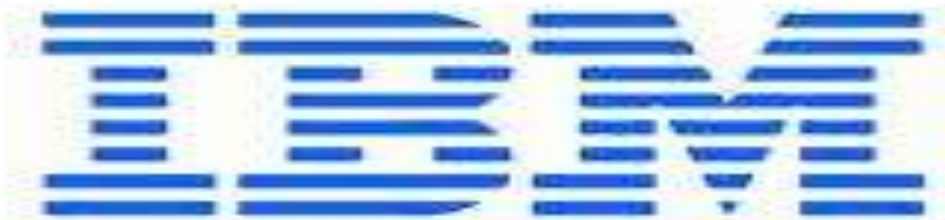
- TEAM MEMBERS

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TITLE



- ▶ - Title: Media Streaming with IBM Cloud Video Streaming
- ▶ - Subtitle: Leveraging the Power of IBM's Video Streaming Platform



DEFINITION

- ▶ Streaming refers to the process of delivering audio or video content over the internet using IBM's cloud-based video streaming platform. This platform enables users to broadcast live video, host on-demand video content, and engage with their audience through various features and tools

PROBLEM DEFINITION

- ▶ The project involves creating a virtual cinema platform using IBM Cloud VideoStreaming.
- ▶ The objective is to build a platform where users can upload and stream movies and videos on demand
- ▶ . This project encompasses defining the virtual cinema platform, designing the user interface, integrating IBM Cloud Video Streaming services, enabling video playback, and ensuring a seamless and immersive cinematic experience

• AGENDA

- ▶ - Introduction to IBM Cloud Video Streaming
- ▶ - Features and Capabilities
- ▶ - Use Cases
- ▶ - Security and Compliance
- ▶ - Getting Started

INTRODUCTION TO IBM CLOUD VIDEO STREAMING

- ▶ - Brief overview of the importance of media streaming in today's digital landscape
- ▶ - Introduction to IBM Cloud Video Streaming as a solution
- ▶ - Emphasize the role of IBM Cloud Video Streaming development

FEATURES AND CAPABILITIES

- ▶ - Overview of the core features:
- ▶ - Live Streaming
- ▶ - Video-on-Demand
- ▶ - Security Features
- ▶ - Analytics and Viewer Insights
- ▶ - Customization Options
- ▶ - Highlight scalability and integration capabilities

USE CASES

- ▶ - Showcase real-world use cases:
- ▶ - Live event streaming (e.g., webinars, conferences)
- ▶ - Video-on-Demand (e.g., educational content, entertainment)
- ▶ - Monetization options (e.g., pay-per-view, subscriptions)

SECURITY AND COMPLIANCES

- ▶ - Discuss the importance of security in media streaming
- ▶ - Explain security features offered by IBM Cloud Video Streaming:
 - ▶ - Password Protection
 - ▶ - Encryption
 - ▶ - Access Controls
- ▶ - Mention compliance standards supported (if applicable)

GETTING STARTED

- ▶ - Steps to begin using IBM Cloud Video Streaming:
- ▶ - Sign-up and account setup
- ▶ - Uploading content
- ▶ - Configuring live streams
- ▶ - Customizing the player

INTEGRATION AND API

- ▶ - Highlight integration options with other services and platforms
- ▶ - Mention available APIs for developers to extend functionality
- ▶ - Show how IBM Cloud Video Streaming fits into a broader ecosystem

ANALYTICS

Monitoring viewer behavior, engagement metrics, and performance data to gain insights into how the content is being consumed and to inform

CUSTOMIZATION

Tailoring the video player's appearance and functionality to match branding and user experience requirements

INTERACTIVE FEATURES

- ▶ Interactive Features: Incorporating interactive elements like live chat, polls, and Q&A sessions to engage with viewers during live streams.

BEST PRACTICES

- ▶ - Share tips and best practices for successful media streaming using IBM Cloud Video Streaming:
- ▶ - Content preparation
- ▶ - Engagement strategies
- ▶ - Monitoring and analysis

VIDEO ON DEMAND

- ▶ IBM Cloud Video Streaming allows you to host video-on-demand content, making it accessible to viewers at their convenience.
- ▶ This is useful for storing and delivering prerecorded content.

LIVE STREAMING

- ▶ You can use the platform to broadcast live events, such as webinars, conferences, or live broadcasts
- ▶ It supports both scheduled and ad-hoc live streaming

SCALABILITY

- ▶ The platform is designed to handle large-scale streaming, making it suitable for both small-scale and enterprise

THANK YOU

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