Distributed Video Transcoding on Cloud

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Agenda

- Distributed transcoding introduce
- Distributed transcoding overview
- Distributed transcoding's key point
- Q & A
Introduction

- More and more transcoding requirement
- Cloud transcoding’s Benefit
- Distributed transcoding’s benefit
  - Increase transcoding parallelism
  - Decrease transcoding latency
  - More flexible optimization and operating
Overview

• Kubernetes based
• Ffmpeg as middleware
• Distributed transcoding
  • Split
  • Transcoding
  • Concat
• Using Rabbitmq to communicate
Overview
Key point

• Split by key frame
• Use CPU and GPU meanwhile
• Error detect and recovery
• Storage and Network
• Transcoding optimization
• Other media processing
Q&A