

CLOUD DEPLOYMENT

1. **Choose a Cloud Service Provider**: Select a cloud service provider like AWS, Google Cloud, Azure, or others based on your requirements and budget.
2. **Prepare Your Video**: Ensure your promo video is in a suitable format and resolution. Common formats are MP4 or MOV.
3. **Storage**: Upload your video to a cloud storage service provided by your chosen provider. For example, AWS offers Amazon S3 for this purpose.
4. **Content Delivery**: To ensure fast and reliable video delivery, consider using a Content Delivery Network (CDN) such as Amazon CloudFront (AWS) or Azure Content Delivery Network (Azure CDN). This will help distribute your video to users around the world efficiently.
5. **Access Control**: Configure access control to prevent unauthorized access to your video. You can set permissions and security rules.
6. **Embedding**: If you want to embed the video on a website or share it, you can use the provided URL from your cloud storage or CDN.
7. **Streaming**: If your video is large or you want to support adaptive streaming, consider using video streaming services like AWS Elemental MediaConvert or Azure Media Services.
8. **Cost Considerations**: Be aware of the cost associated with storing and serving video from the cloud. Pricing varies by provider and usage.
9. **Testing**: Thoroughly test the deployment to ensure that the video loads correctly and quickly from various locations.
10. **Monitoring and Scaling**: Implement monitoring to keep track of video usage and, if needed, scale your resources to handle increased demand.
11. **Backup and Redundancy**: Implement backup and redundancy strategies to ensure the video is available even in the case of system failures.

Cloud Deployment Models

