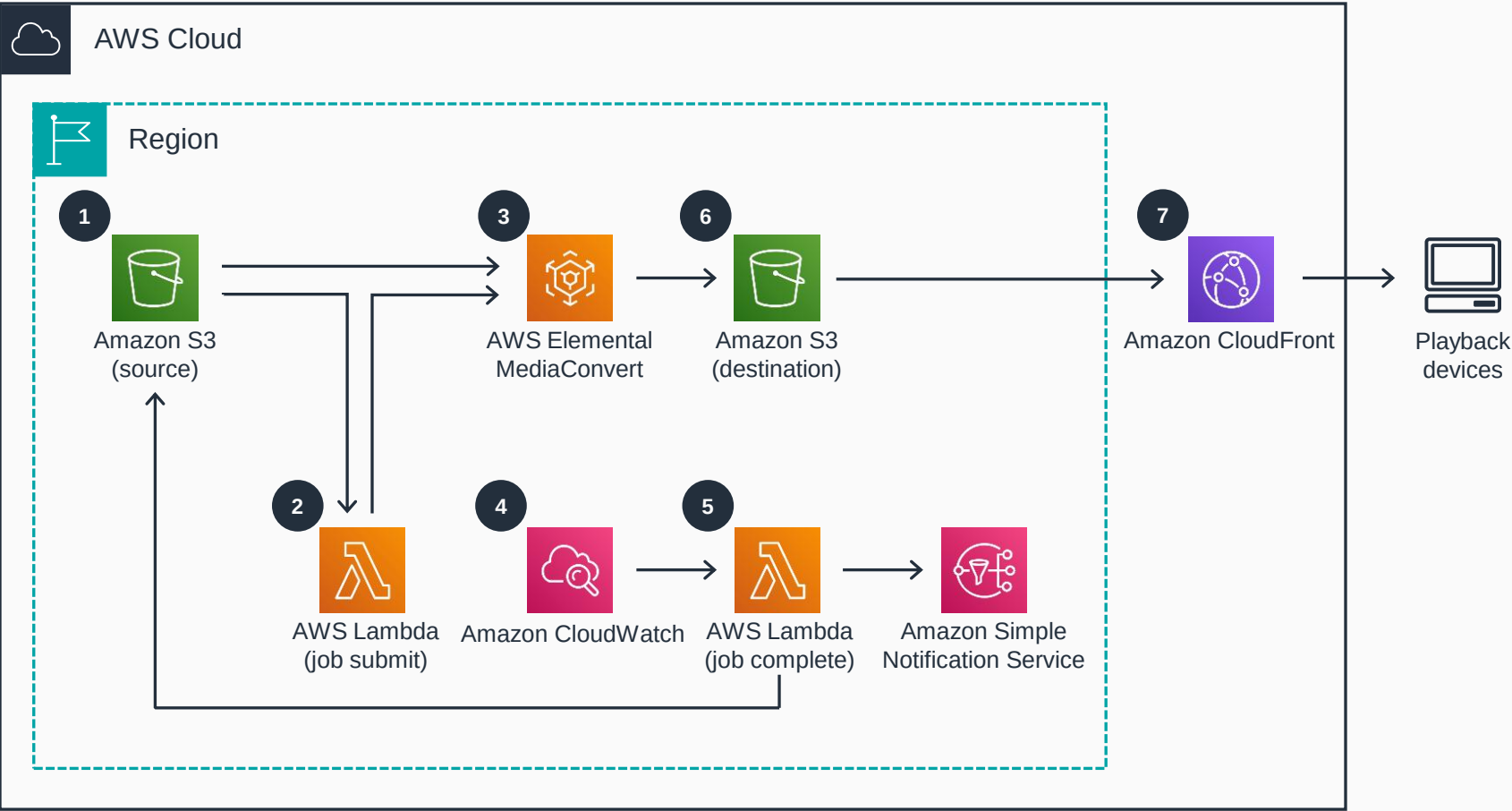


Guidance for Video-on-demand on AWS Foundation

This architecture diagram illustrates how to effectively support the foundation for video-on-demand on AWS. It shows a highly resilient architecture to ingest, store and process video-on-demand content.



- 1 Store source video files and transcode job settings in an **Amazon Simple Storage Service (Amazon S3)** bucket.
- 2 Upload a video file to trigger an **AWS Lambda** function to submit a transcode job to **AWS Elemental MediaConvert**.
- 3 **AWS Elemental MediaConvert** transcodes the video into HLS adaptive bitrate files.
- 4 **Amazon CloudWatch** tracks encoding jobs in MediaConvert and invokes the Lambda complete function.
- 5 An **AWS Lambda** function processes the output status of each encoding job. **Amazon Simple Notification Service (Amazon SNS)** publishes notifications of completed jobs.
- 6 A destination **Amazon S3** bucket stores the transcoded video outputs from **AWS Elemental MediaConvert**.
- 7 **Amazon CloudFront** is configured with the destination **Amazon S3** bucket as the origin for global distribution of the transcoded video content.

