

Turning Speech into Text on AWS with Amazon Transcribe

COURSE OVERVIEW



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Start C1



Integrating Transcribe



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Globomantics Use Case



Globomantics Consumer Interviews



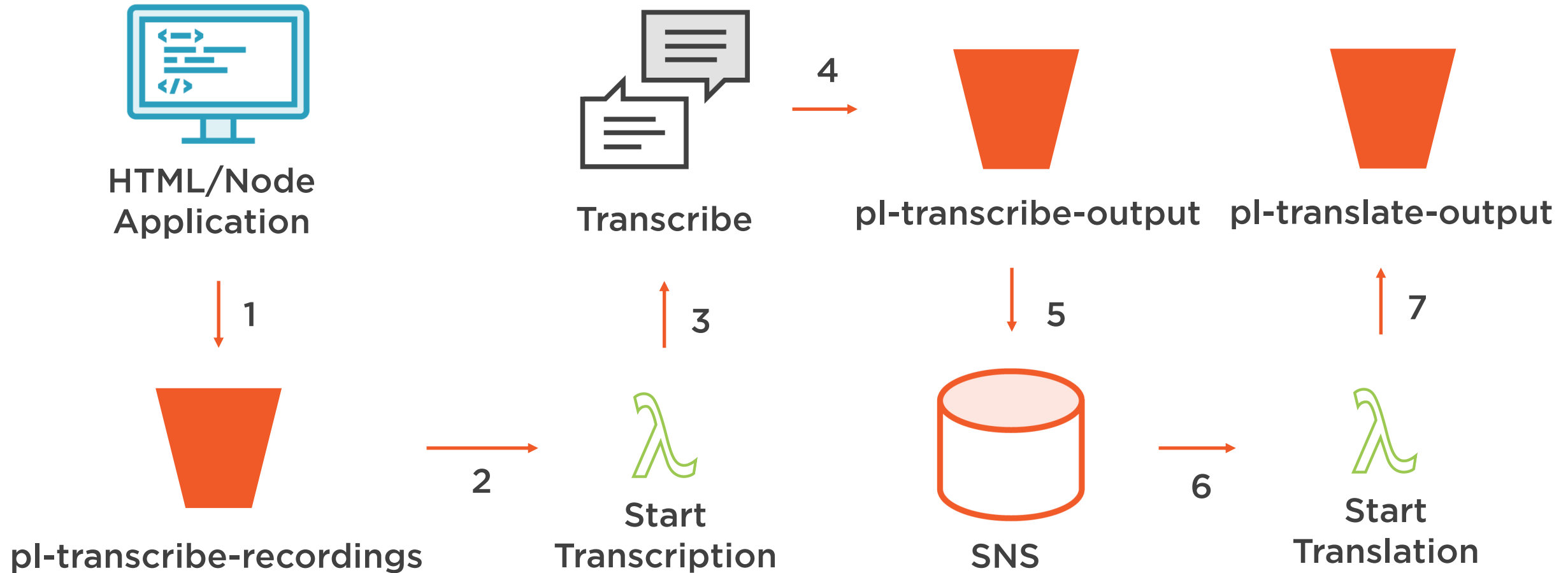
Employees are required to record all product interview meetings



Meetings are reviewed in a Spanish speaking field office



High Level Architecture



End C1 – Start C2



Demo



Write an HTML/Node application

- Explore code
- Deploy to AWS Beanstalk

Write a Lambda function

- Starts a transcription job

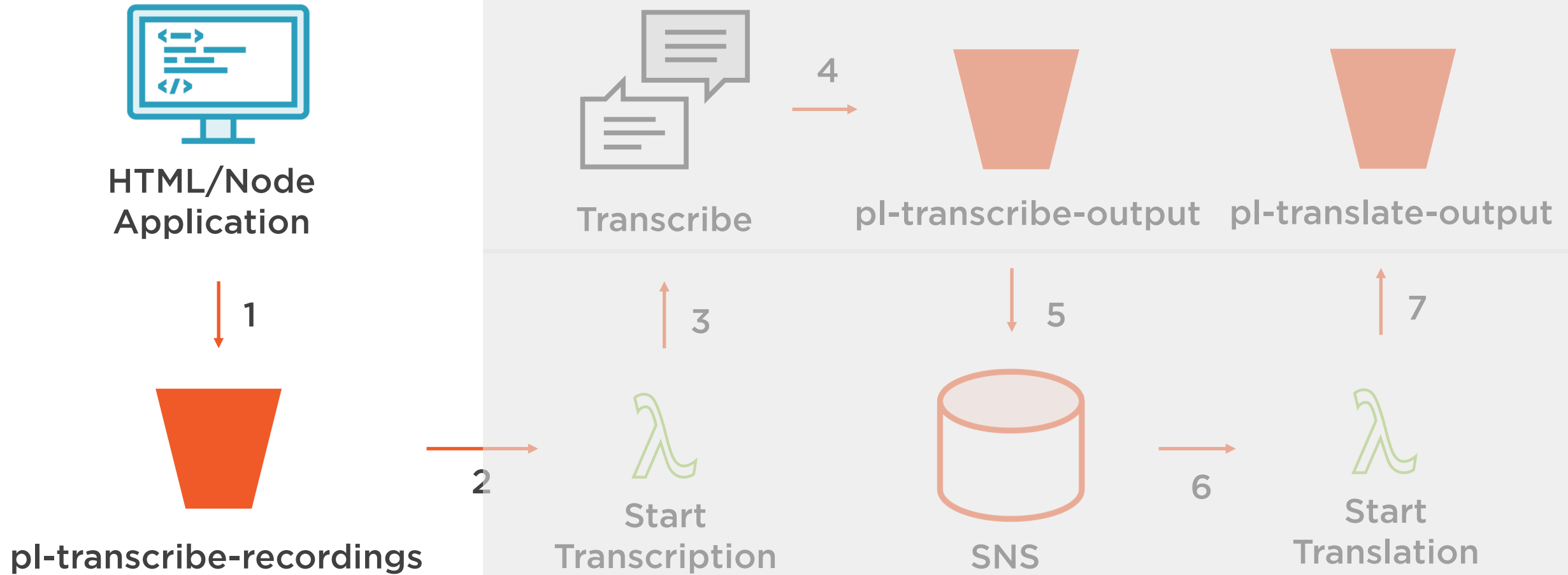
Review previous output configuration

- Update S3 for new architecture

Run an initial end to end test



Architecture Part 1



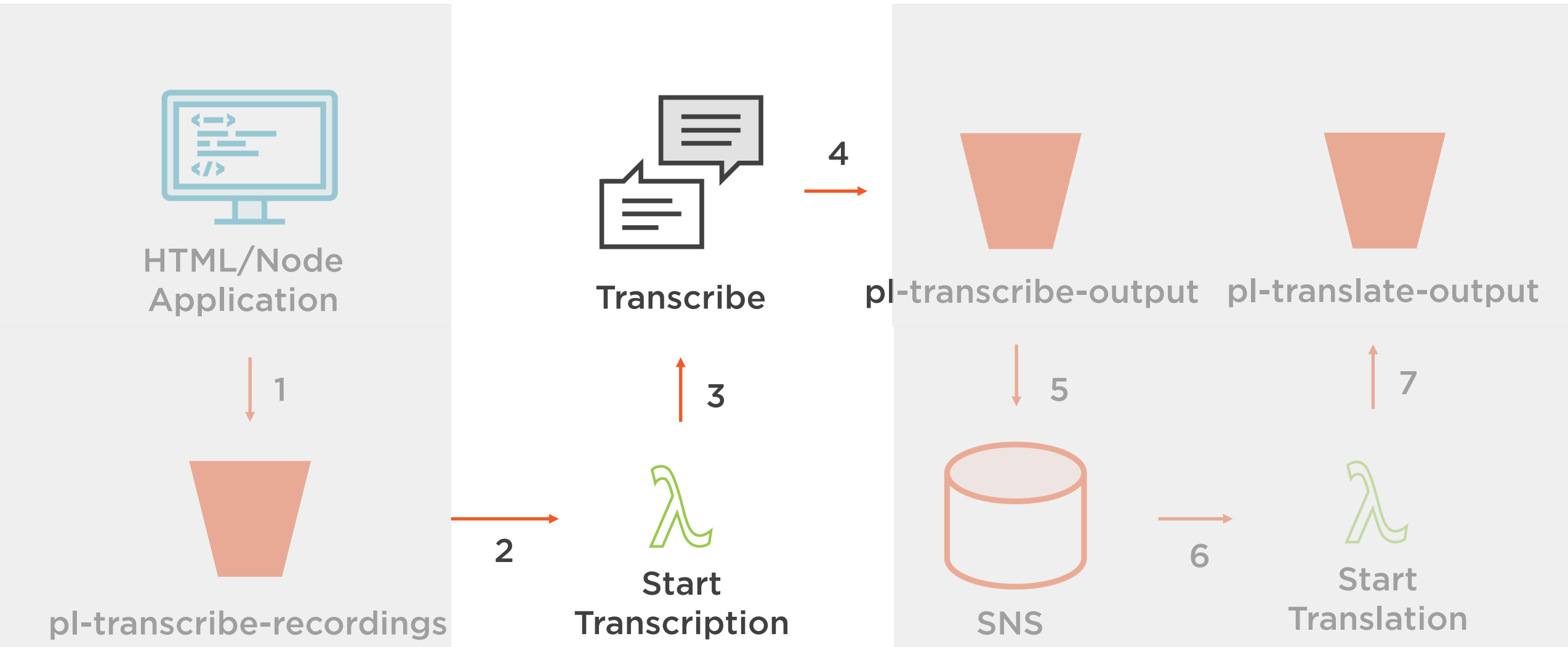
Demo of HTML to S3 upload, talk about
beanstalk, build one, deploy app to one
might need to split if > 8 minutes



End C2 – Start C3



Architecture Part 2



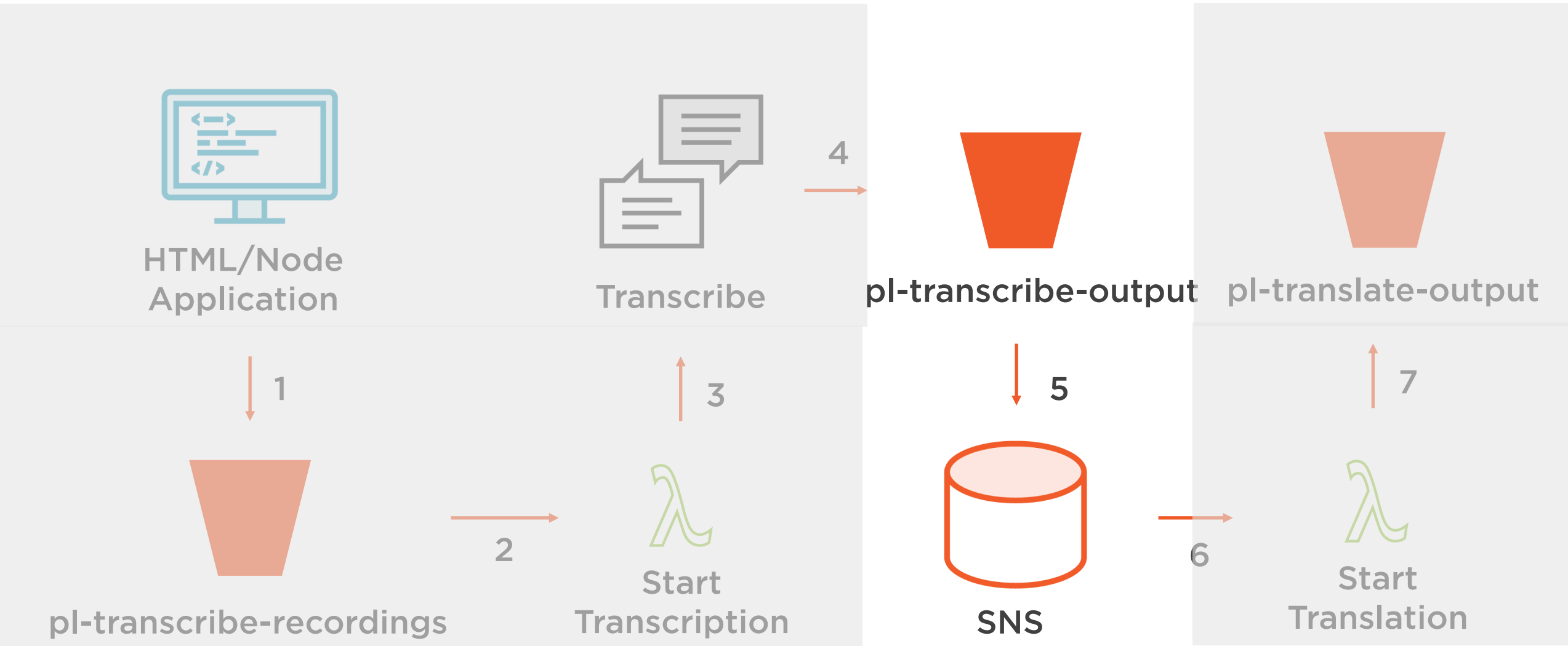
Demo of lambda creation, connect to s3 trigger



End C3– Start C4



Architecture Part 3



Our CloudTrail Workflow

1. Transcribe start job
and outputs file



S3 Bucket

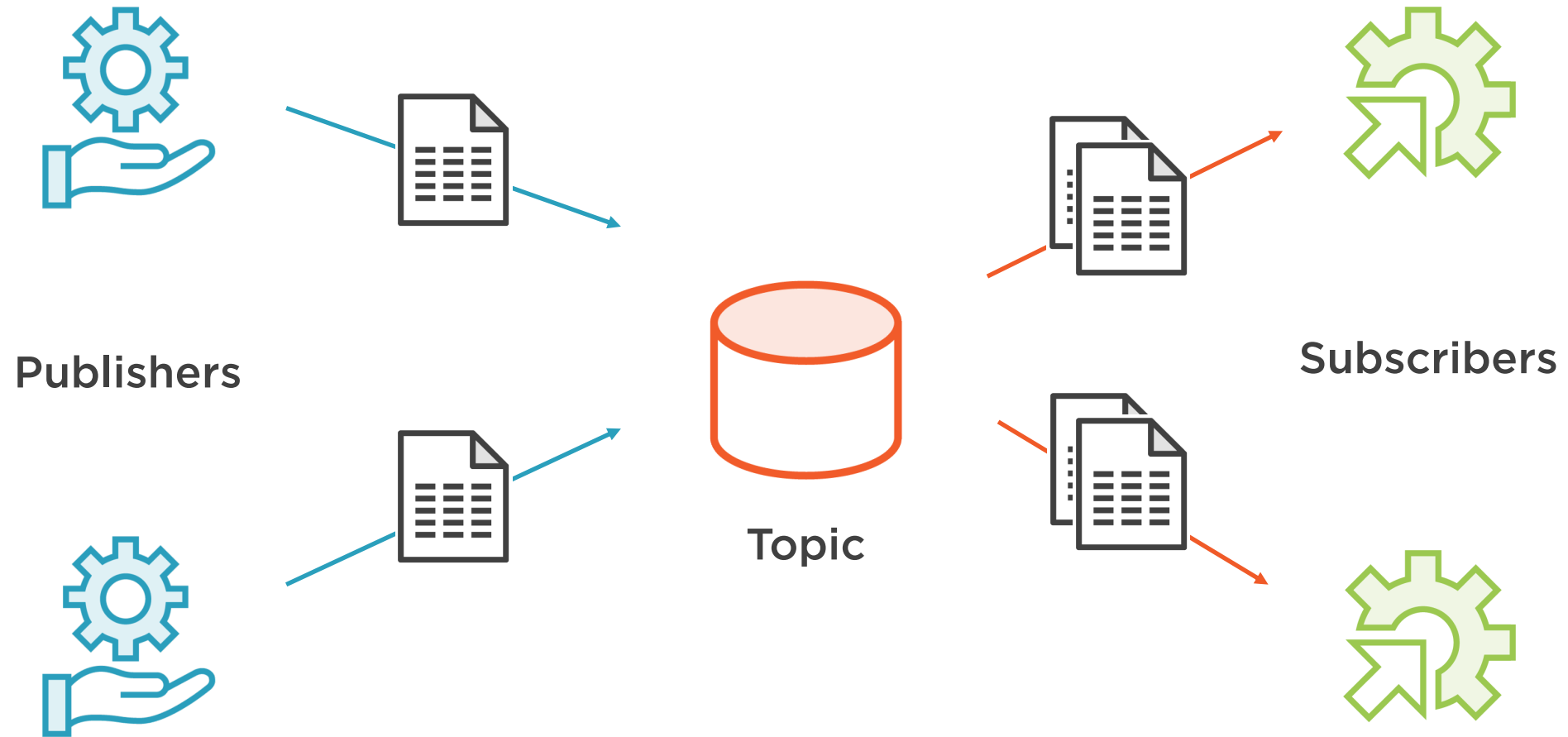
2. CloudTrail
captures data event



3. CloudTrail logs
event into
CloudWatch



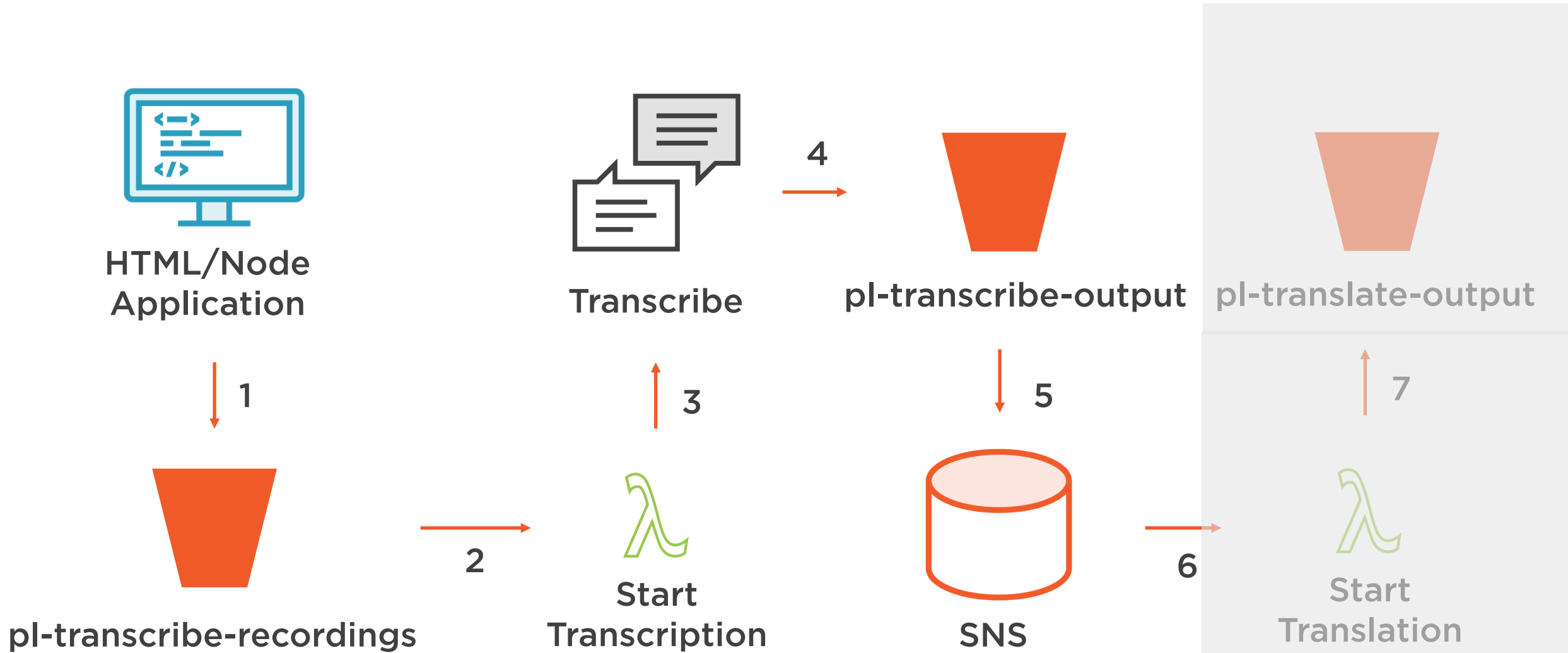
What is Pub/Sub?



Add end to end test demo



Architecture Part 1-3



End C4 – Start C5



Demo



Add another S3 bucket

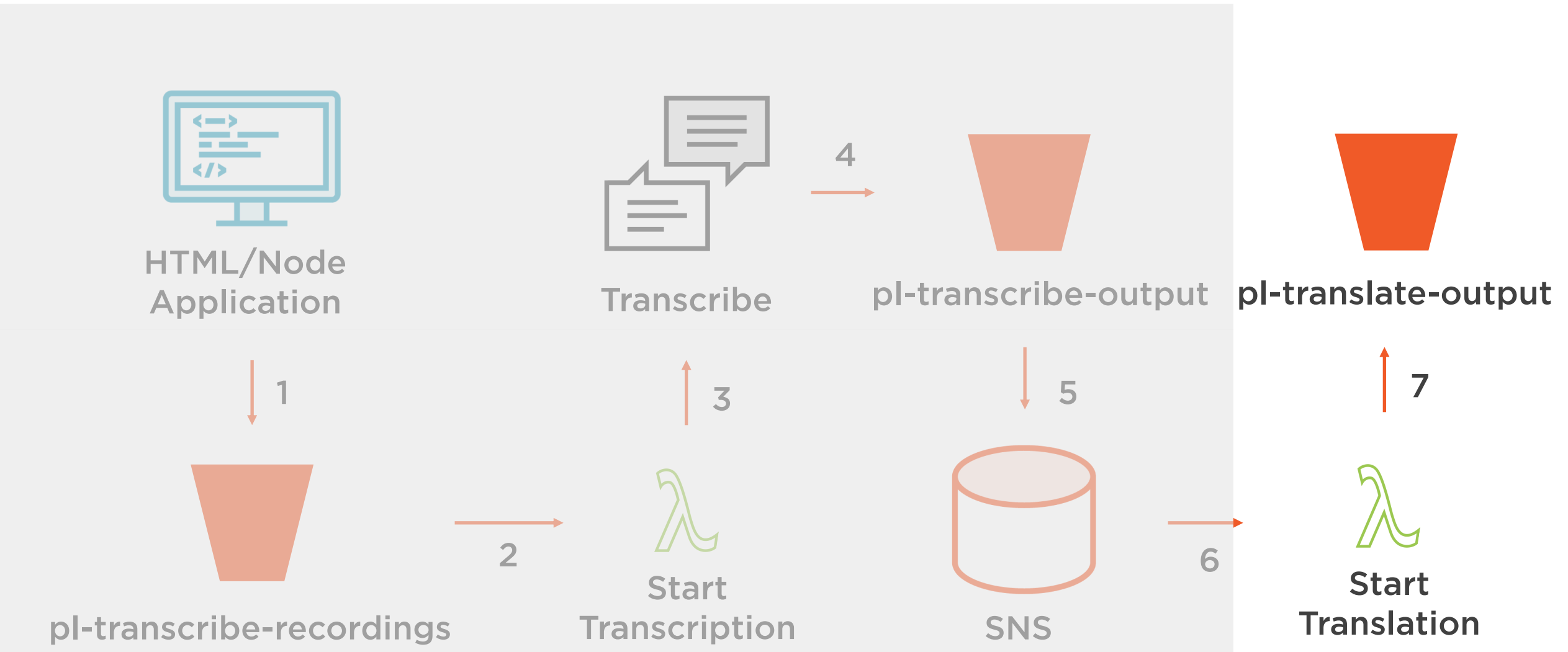
Write another Lambda function

- Pickup transcribe output
- Translate text
- Output to another S3 bucket

Run end to end test



Architecture Part 4 (Bonus Feature)



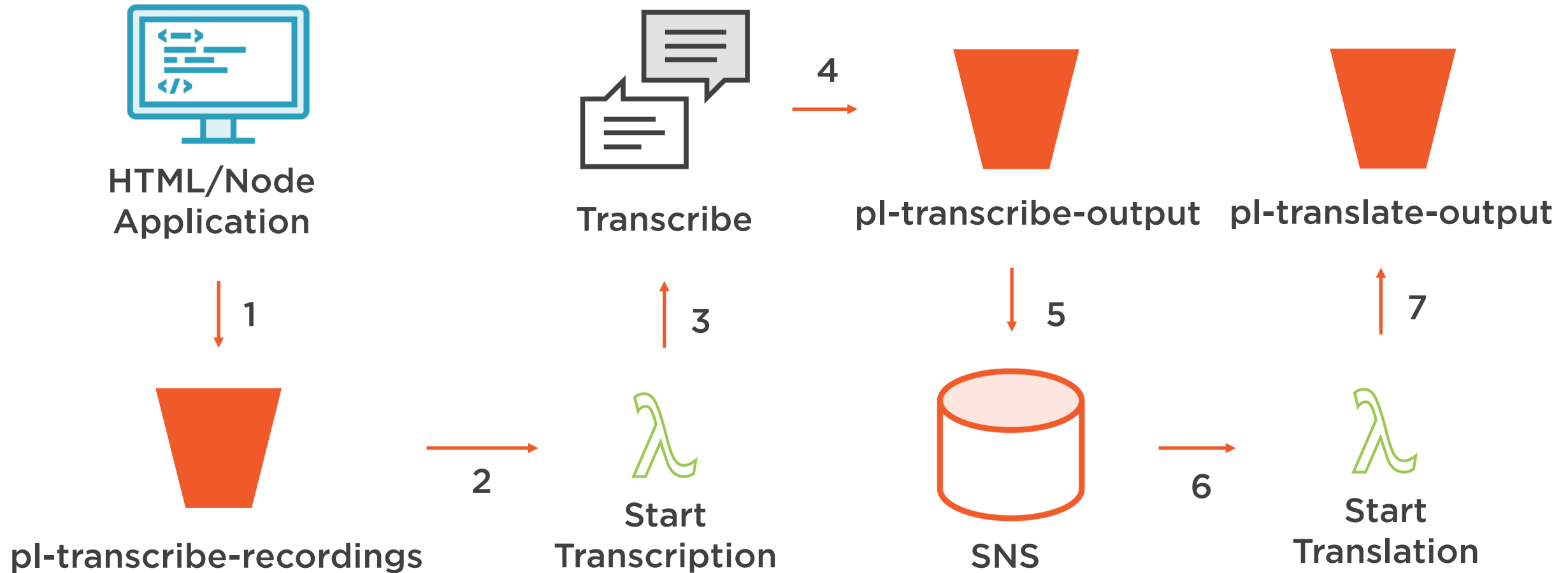
Demo of lambda translate, reconnect to topic
as subscription



End C5 – Start C6



High Level Architecture



Run end to end test



Course Summary



What is transcribe

Console uses

AWS CLI uses

API based integrations

Real-world use case solution



End C6 End M4

