

Monitoring and Managing Transcribe



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Module Overview



What is CloudTrail with setup

What is SNS with setup

What is CloudWatch with setup

Leverage roles and permissions

Explore AWS CLI



What is CloudTrail



How Does CloudTrail Help



Enable governance



Improve compliance



Operational and risk auditing



Our CloudTrail Workflow

1. Transcribe start job
and outputs file



S3 Bucket

2. CloudTrail
captures data event



3. CloudTrail logs
event into
CloudWatch



Demo



Review CloudTrail dashboard

Create a required s3 buckets

Create a new CloudTrail trail



Live demo here



CloudTrail

Use CloudTrail to audit detailed activity within your AWS account



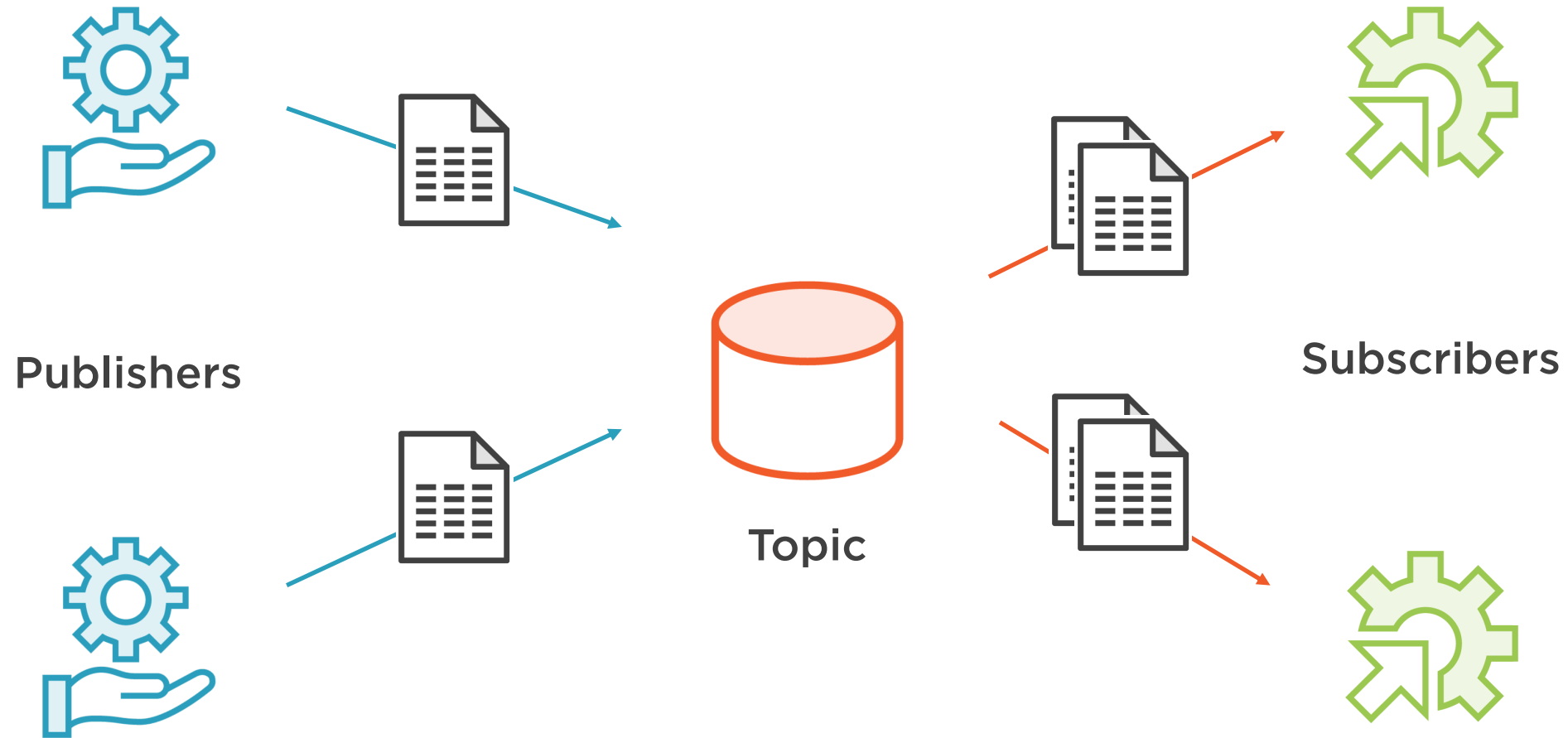
End C1



What is Simple Notification Service (SNS)



What is Pub/Sub?



Demo



Setup an SNS topic



Sns demo



Simple Notification Service (SNS)

Use SNS to publish and
subscribe to events that
occur in AWS



Leverage CloudWatch Events for Automation



CloudWatch Rules



First you define what you are listening for from other AWS services



Then you set what you want to target once that event occurs

Demo



Setup CloudWatch event rule



Setup a rule with sns target



CloudWatch

Use CloudWatch to monitor systems and events and automatically react using other AWS services



Fine Grained User Permissions



Some AWS CLI Install Details



Demonstration is on a Mac

Mac comes preinstalled with PHP and Python

PIP Python package manager also installed

Review AWS for platform specific install instructions



Demo



Setup very specific policy

Add user with that new policy

Install and configure AWS command line

Upload sample audio to s3 from
command line

Start transcription job from command
line

Review email results



Demo Video



Module Summary



CloudTrail

SNS

CloudWatch events

Permissions

Command line tools

Monitoring workflow

