Installation instructions

1. Deploy SSM parameters.

   Conditional. If you already have SSM parameters in place, skip this step.

   Deploy the CloudFormation template `cfn/ssm.template`. It may be easiest to do this from the AWS console as there are a lot of parameters to configure.

2. Install code dependencies

   ```
   cd src/trigger
   npm i
   ```

   ```
   cd src/pca
   pip install -t . -r requirements.txt
   ```

3. Create the FFMPEG Lambda layer

   ```
   mkdir layer
   cd layer
   mkdir bin
   curl https://johnvansickle.com/ffmpeg/releases/ffmpeg-release-amd64-
   static.tar.xz | tar Jx
   mv ffmpeg*/ffmpeg ffmpeg*/ffprobe bin
   zip -vr ffmpeg.zip bin -X
   ```

   This results in a file called `ffmpeg.zip`, which you should upload to the S3 bucket defined in the configuration parameter *SupportFilesBucketName*.

4. Deploy the PCA solution.

   This must be done from the command line.

   ```
   cd cfn

   aws cloudformation package \
       --template-file main.template \
       --output-template-file packaged.template \
       --s3-bucket <bucket>

   aws cloudformation deploy \
       --template-file packaged.template \
       --stack-name <stack> \
       --capabilities CAPABILITY_NAMED_IAM CAPABILITY_AUTO_EXPAND
   ```

   Replace the following values in the above invocations:

Name	Value
`<bucket>`	Name of an S3 bucket that will hold packaged lambda code during deployment
`<stack>`	Desired name of the CloudFormation stack