# Assignment #3

## Task #1 – Download file from S3 to EC2

1. Create S3 Bucket

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1. Create Ec2 Instance

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1. Create S3FullAccess IAM role for EC2

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1. Assign role to EC2

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1. Upload file to S3 bucket

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1. Copy file from S3 to EC2 using CLI

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File is now in EC2.

## Task #2 – S3 Event Notification

1. Using task 1 bucket.

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1. Create Event Notification in S3 Bucket with SNS.

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* 1. Create SNS topic

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* 1. Add Subscription via email

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* 1. Update SNS access policy to allow S3 event publishing

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1. Event created with given SNS topic

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1. Upload a file to S3. A screenshot of a computer

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1. Verify SNS topic creation in email.

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## Task #3 – S3 Signed URL

1. Create IAM role for Lambda for S3 Full Access

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1. Create Lambda Function

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1. Update Function code in index.mjs and Deploy

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1. Create a Test and execute it.

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1. Run it in browser.

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