Solution: Overriding NGINX Defaults Exercise

Upload to S3

1. Navigate to the S3 console and select your bucket
2. Create a folder called `web` in your bucket
3. Upload the SB Admin 2 bootstrap theme zip file to the `web` folder

Launching an EC2 instance using the EC2 Console

1. Navigate to the EC2 Instances Dashboard
2. Click on the **Launch instance** button
3. Choose the **Amazon Linux 2 AMI (HVM), SSD Volume Type 64-bit** image
4. Leave the default instance type as **t2.micro** and click **Next: Configure instance details**
5. Set the **Auto-assign Public IP** to **enabled**
6. Set the **IAM role** to be **web**
7. Copy the following script into the **User data** text box (**Note: you must change the to your bucket name (with no spaces after the = sign)**)

```bash
#!/bin/bash

BUCKET_NAME=<s3-bucket-name-place-holder>
yum update -y
amazon-linux-extras install nginx1.12 -y
service nginx start
aws s3 cp s3://${BUCKET_NAME}/web/startbootstrap-sb-admin-2-gh-pages.z
cd /tmp
unzip start*
mv startbootstrap-sb-admin-2-gh-pages html
rm -rf /usr/share/nginx/html
mv /tmp/html /usr/share/nginx/
```

8. Click on the **Review and Launch** button and then click on the **Launch** button
9. Wait about 20-30 seconds for the instance to come up and for the script to finish running
10. Using a browser, visit the web page at the public IP address

Dashboard

Generate Report

EARNINGS (MONTHLY)
$40,000

EARNINGS (ANNUAL)
$215,000

TASKS
50%

PENDING REQUESTS
18

Earnings Overview

$40,000

$30,000

$20,000

$10,000

$0

Jan   Mar   May   Jul   Sep   Nov

Revenue Sources

● Direct ● Social ● Referral

Projects

Server Migration   20%

Sales Tracking   40%

Customer Database   60%

Payout Details   80%

Account Setup   Complete!

Primary
#4e73df

Success
#1cc88a

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Development Approach