



Deployment Checklist & Testing Report

THE QLIKTAG PLATFORM V3.0.1

Version 1.0

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DEPLOYMENT CHECKLIST

This document describes the activities performed after production environment setup and deployment is completed. The aim of this is to verify and confirm the environment is functioning as expected.

Date	Verified By	Reviewed By	Comments
18 Feb 2020	Mohit Kumar	Ram Prasad Palugula	

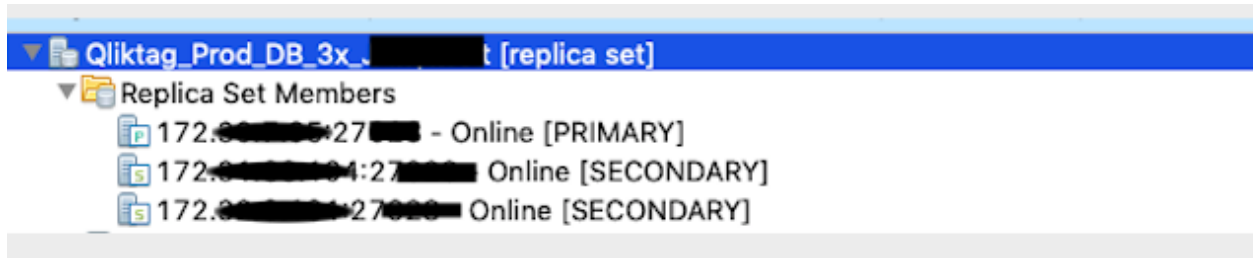
Environment	Description
Production Live	Production environment
Production DR Environment	Disaster Recovery environment
Sandbox	A sandbox environment on same production code version which is used for testing's or pre-production development by enterprise customers

Production Environment

S No	Review Item	Result (Pass/Fail)
1	Verify the database replica set connection	Pass
2	Verify the Elasticsearch status	Pass
3	Verify the bitbucket pipeline status	Pass
4	Verify lambda service status in AWS console	Pass
5	Verify the lambda service running on NodeJS 10.x	Pass
6	Verify the web application is deployed with Angular correctly	Pass
7	Verify the API health status /api/health	Pass
8	Browse the web application and verify the page loading	Pass
9	Verify the login to the web application	Pass
10	Navigate inside the web application and verify few pages	Pass
11	Test few API GET, POST operations	Pass
12	Verify emails send through application	Pass
13	Verify image uploads through API and web application	Pass
14	Verify few visual Interaction landing pages	Pass
15	Verify the cloudwatch logs	Pass

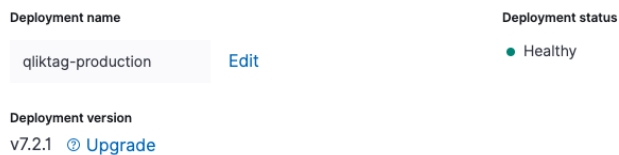
Below are the proof of screen shots for each review item:

SNo #1



SNo #2

qliktag-production



SNo #3

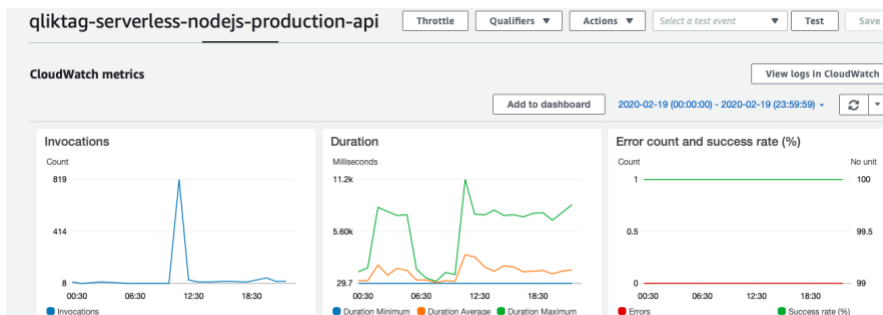
QliktagWeb application deployment

```
Build
Build setup 34s >
echo "Pipeline Started for Production3x(qliktagweb) enviroment branc... <1s >
node -v <1s >
npm install 7s >
npm run-script build 3m 09s >
aws s3 rm --recursive s3://qliktag-ui-static/production/qliktagweb/ 7s >
aws s3 cp dist/ s3://qliktag-ui-static/production/qliktagweb/ --recu... 10s >
aws s3 rm --recursive s3://qliktag-ui-static-dr/production/qliktagwe... 17s >
aws s3 cp dist/ s3://qliktag-ui-static-dr/production/qliktagweb/ --r... 30s >
echo "Pipeline Completed for Production3x(qliktagweb) enviroment bra... <1s >
Build teardown 1s >
```

QliktagAPI application deployment

```
Build
Build setup 15s >
echo "Pipeline Started for Production3x enviroment branch" <1s >
npm install 10s >
npm install -g serverless 18s >
serverless plugin install --name serverless-webpack 24s >
sls deploy --stage production 1m 29s >
sls deploy --stage production --config serverless-dr.yml 1m 35s >
echo "Pipeline Completed for production3x enviroment branch" <1s >
Build teardown 1s >
```

SNo #4



SNo #5

	Function name	Description	Runtime
<input type="radio"/>	qliktag-serverless-nodejs-production-adminapi		Node.js 10.x
<input type="radio"/>	qliktag-serverless-nodejs-production-api		Node.js 10.x
<input type="radio"/>	qliktag-serverless-nodejs-production-redapi		Node.js 10.x

SNo #6

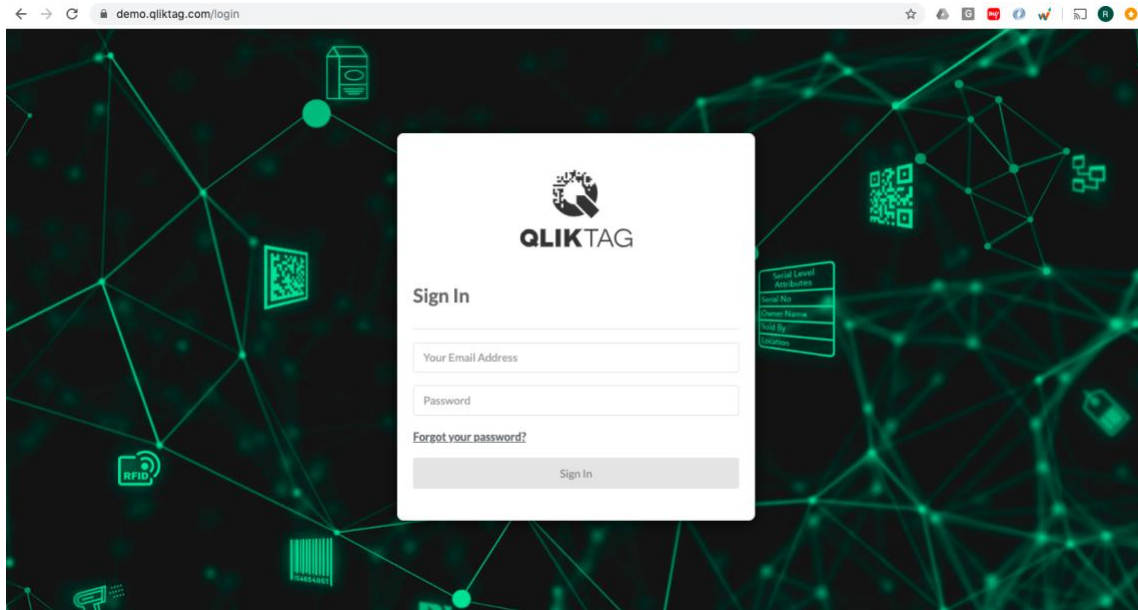
```
Angular CLI: 6.2.8
Node: 10.14.1
OS: darwin x64
Angular: 6.1.10
... animations, common, compiler, compiler-cli, core, forms
... http, language-service, platform-browser
... platform-browser-dynamic, router

Package                       Version
-----
@angular-devkit/architect     0.11.4
@angular-devkit/build-angular 0.11.4
@angular-devkit/build-optimizer 0.11.4
@angular-devkit/build-webpack 0.11.4
@angular-devkit/core          7.1.4
@angular-devkit/schematics    0.8.8
@angular/cdk                  6.4.7
@angular/cli                   6.2.8
@angular/flex-layout          6.0.0-beta.18
@angular/material             6.4.7
@ngtools/webpack              7.1.4
@schematics/angular           0.8.8
@schematics/update            0.8.8 (cli-only)
```

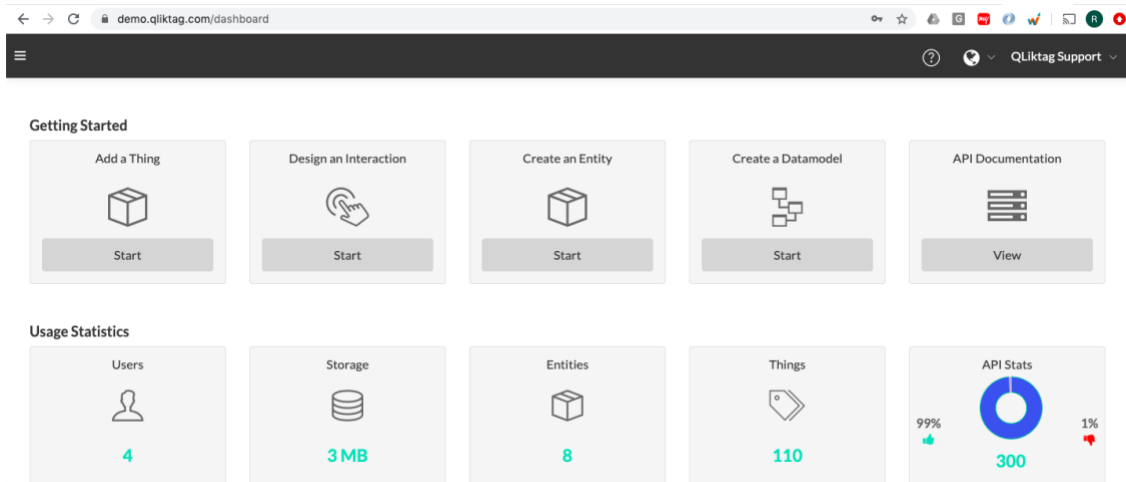
SNo #7

```
demo.qliktag.com/api/health
{
  healthStatus: "green",
  time: "2020-02-18T11:00:55.223Z"
}
```

SNo #8



SNo #9



SNo #10

demo.qliktag.com/users

Qliktag Support

Users

+ Create User

Home / Users

First Name	Last Name	Email	Status	
neil	sequeira	neil.sequeira@qliktag.com	ACTIVE	
Demo	Qliktag	support@qliktag.com	ACTIVE	
Arjun	Viswanathan	arjun.viswanathan@qliktag.com	ACTIVE	
Dilip	Daswani	dilip.daswani@qliktag.com	ACTIVE	

4 total

SNo #11

GET API

GET /api/account

Get account details in controller

Parameters Cancel

Name	Description
content-type • required string (header)	Content-type of Response <input type="text" value="application/json"/>
page integer (query)	Page number <input type="text" value="page - Page number"/>
items_per_page integer (query)	Items per page <input type="text" value="items_per_page - Items pe"/>
sort string(\$string) (query)	Sort by field Name <input type="text" value="sort - Sort by field Name"/>
sort_order string (query)	Sort Order <input type="text" value="--"/>
queryString string(\$string) (query)	&key1=val1&key2=val2 <input type="text" value="queryString - &key1=val1&"/>

Execute

Responses

Curl

```
curl -X GET "https://demo.qliktag.com/api/account" -H "accept: +/*" -H "content-type: application/json" -H "Authorization: Bearer 25ff791f-bff4-479e-a2a1-3650a923f09c"
```

Request URL

```
https://demo.qliktag.com/api/account
```

Server response

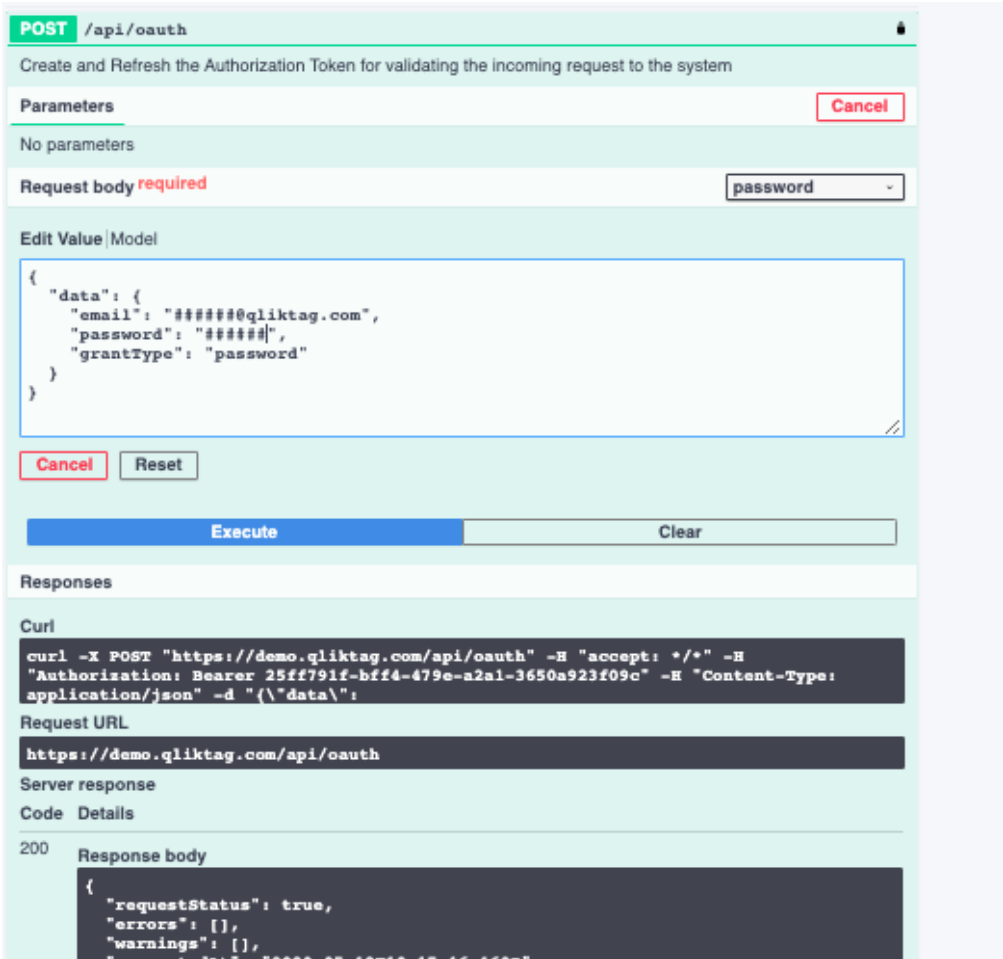
Code Details

200 **Response body**

```
{
  "requestStatus": true,
  "errors": [],
  "warnings": [],
  "requestedAt": "2020-02-18T11:20:21.581Z",
  "data": {
    "account": [
      {
        "accountName": "Master Account",
        "status": "activated",
        "_accountId": "add121d0-ed88-11e9-b5b0-a1965f06ac07",
        "createdBy": {
          "user": ""
        }
      }
    ]
  }
}
```

Download

POST API



SNo #12



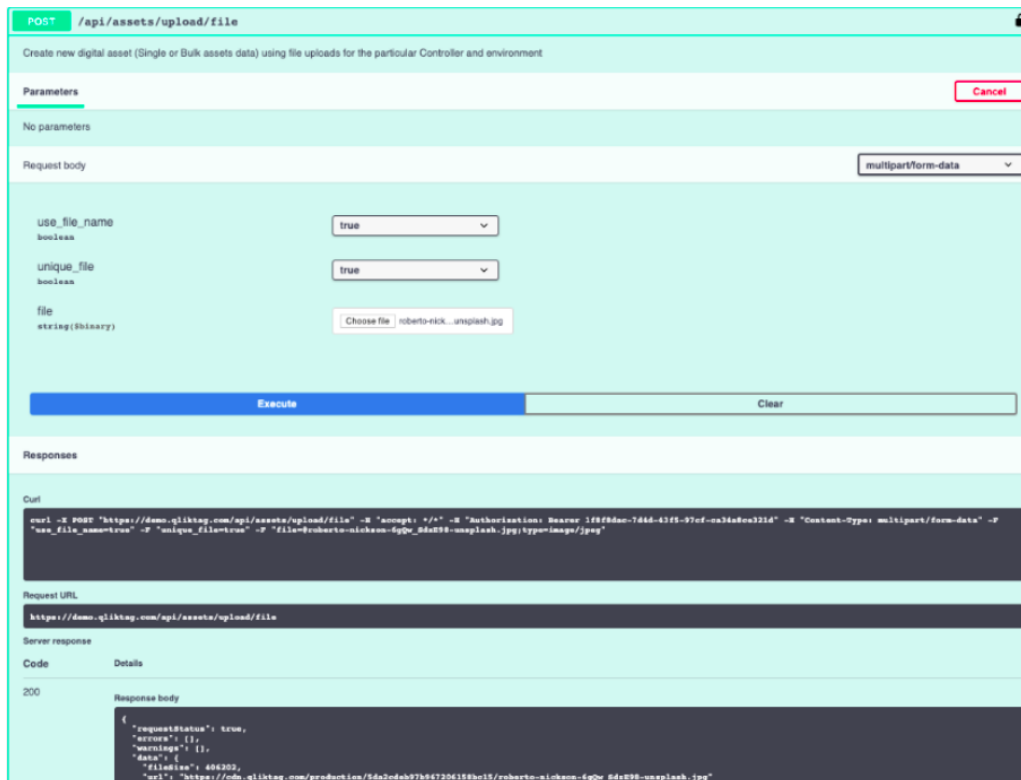
Welcome!

Mohit,

Demo is now using The Qliktag Platform – An IoT Platform for Everyday Consumer Products! The system Administrator Demo has invited you to join. In order to activate your user account, you will have to first set a secure password. Once you've set a password, you can login to the system using the password and details below:

SNo #13

Through API



POST /api/assets/upload/file

Create new digital asset (Single or Bulk assets data) using file uploads for the particular Controller and environment

Parameters Cancel

No parameters

Request body multipart/form-data

use_file_name boolean

unique_file boolean

file string(binary)

Execute Clear

Responses

Curl

```
curl -X POST "https://demo-qliktag.com/api/assets/upload/file" -H "Host: demo-qliktag.com" -H "Authorization: Bearer JfSf8dn-7d4d-43f5-97cf-ca3d8ea221d" -H "Content-Type: multipart/form-data" -F "use_file_name=true" -F "unique_file=true" -F "file=@roberto-nick-unsplash.jpg;type=image/jpeg"
```

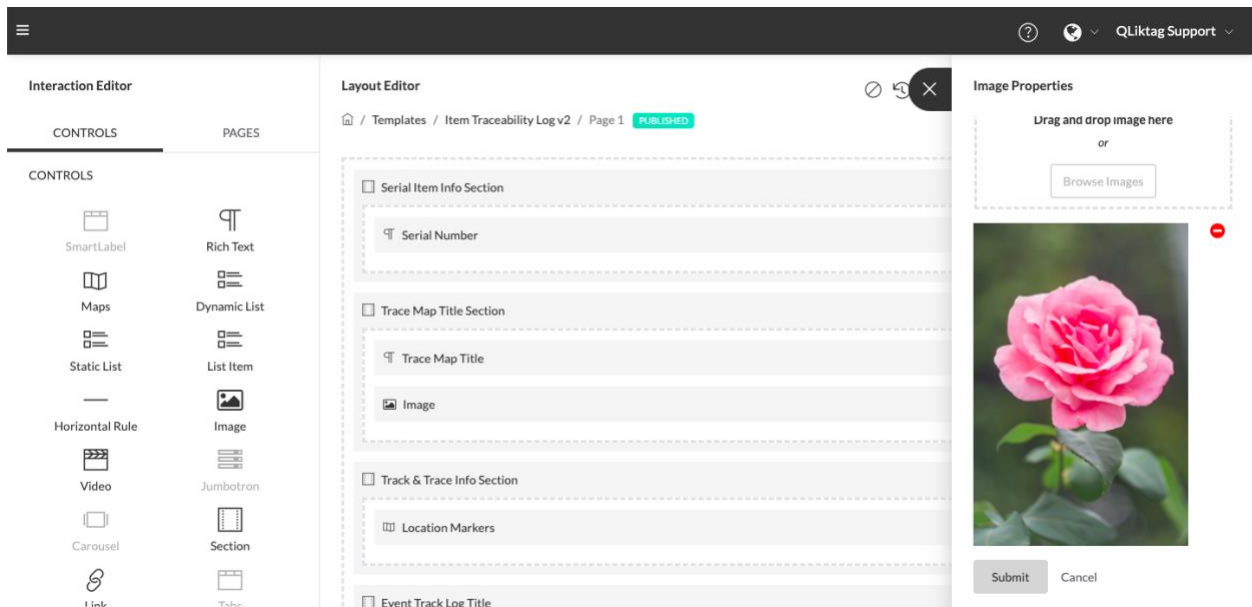
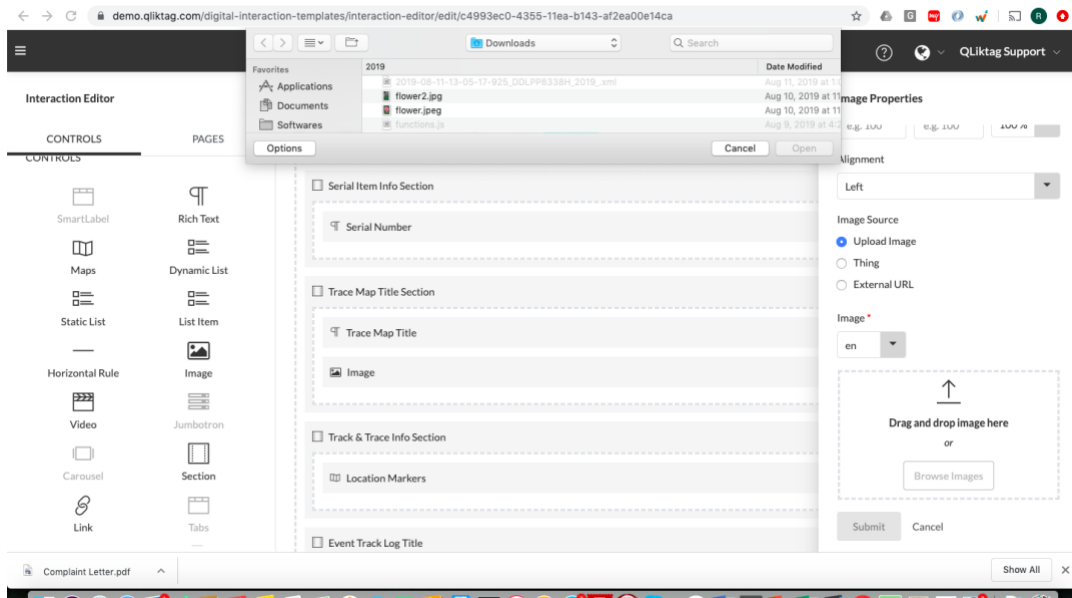
Request URL

```
https://demo-qliktag.com/api/assets/upload/file
```

Server response


Code	Details
200	<pre>{ "requestStatus": true, "errors": [], "warnings": [], "data": { "fileSize": 484302, "url": "https://cdn-qliktag.com/product.in/5da2ed4b97b547206158bc15/roberto-nick-unsplash.jpg" } }</pre>

Through UI




SNo #14

demo.qliktag.jp/fc3c8540-4354-11ea-8396-55402ef3e162/f2081290-3c35-11ea-9943-d9dbbde19345/p/smartlabel



Head & Shoulders
Head & Shoulders Anti-Dandruff Shampoo
 180 ml



GPC: 10000834
 04902430774130

- Ingredients & Contents
- Health, Safety & Environment
- Usage & Handling
- Features & Benefits
- Company, Brand & Sustainability

ACTIVE INGREDIENTS

Zinc Pyrithione >

NON-ACTIVE INGREDIENTS

Water >

Sodium Laureth Sulfate >

Chemical of Concern >

[f](#) [p](#) [t](#)

SNo #15

CloudWatch Logs Insights [Info](#)

CloudWatch Logs Insights provides a query language for analyzing log entries. The following tables list the most recent and most expensive function invocations.

[Add to dashboard](#) 2020-02-19 (00:00:00) - 2020-02-19 (23:59:59) [Refresh](#)

Recent invocations

#	Timestamp	RequestID	LogStream	DurationInMS	BilledDurationInMS	#
1	2020-02-19T23:58:53.783Z	b27afe90-d479-453e-b7dc-a3de0bb40846	2020/02/19/[LATEST]74b4e0da37694db39f986d34f433183a	408.49	500	5
2	2020-02-19T23:57:34.494Z	599ebff-2d14-49f8-9c74-ce33d535816c	2020/02/19/[LATEST]74b4e0da37694db39f986d34f433183a	54.27	100	5
3	2020-02-19T23:56:54.915Z	7dfab12e-ad8f-431a-8ea6-0649f29d5da9	2020/02/19/[LATEST]74b4e0da37694db39f986d34f433183a	982.73	1000	5
4	2020-02-19T23:52:29.314Z	08935f5b-38d8-42d5-9848-49fe43432162	2020/02/19/[LATEST]74b4e0da37694db39f986d34f433183a	338.32	400	5
5	2020-02-19T23:49:49.220Z	f2cedfdd-d0a-47ef-a183-908f1ded3096	2020/02/19/[LATEST]74b4e0da37694db39f986d34f433183a	32.54	100	5
6	2020-02-19T23:48:07.193Z	83acd97b-40ea-4bc7-a238-43a36b263801	2020/02/19/[LATEST]74b4e0da37694db39f986d34f433183a	585.84	600	5
7	2020-02-19T23:41:49.787Z	aaaccb2fd-24a8-4145-aa2b-1096851de1bd	2020/02/19/[LATEST]74b4e0da37694db39f986d34f433183a	30.13	100	5
8	2020-02-19T23:33:49.731Z	11ad92ea-b4b9-45f3-b864-893504550938	2020/02/19/[LATEST]74b4e0da37694db39f986d34f433183a	31.92	100	5
9	2020-02-19T23:26:02.520Z	71ed3d52-7c38-4a26-a433-26d095b1302a	2020/02/19/[LATEST]74b4e0da37694db39f986d34f433183a	31.57	100	5

Production Disaster Recovery (DR) Environment

S No	Review Item	Result (Pass/Fail)
1	Verify the database replica set connection	Pass
2	Verify the Elasticsearch connection	Pass
3	Verify the bitbucket pipeline status	Pass
4	Verify lambda service status in AWS console	Pass
5	Verify the lambda service running on NodeJS 10.x	Pass
6	Verify the web application is deployed with Angular correctly	Pass
7	Verify the API health status /api/health	Pass
8	Browse the web application and verify the page loading	Pass
9	Verify cloudwatch logs	Pass

Sandbox Environment

Sandbox is a cloud account configuration with “<<controllerCode>>-sandbox” for enterprise customers in same production release code. Only below verification items are applicable as it runs in same production environment and verified under production environment deployment.

S No	Review Item	Result (Pass/Fail)
1	Browse the web application and verify the page loading	Pass
2	Verify the login to the web application	Pass
3	Navigate inside the web application and verify few pages	Pass
4	Test few API GET, POST operations	Pass
5	Verify emails send through application	Pass
6	Verify image uploads through API and web application	Pass
7	Verify few visual Interaction landing pages	Pass