EngageIQ AWS ECS Deployment

This document provides an overview of the existing EngageIQ deployment in AWS. Due to unresolved issues with parsing the auth tokens to the flask app, we have chosen to pursue a different path to build our production (and demo) environment.

# ECS Components

|  |  |
| --- | --- |
| Cluster Name | engageiq-demo-cluster |
| ARN | arn:aws:ecs:eu-west-1:610726994156:cluster/engageiq-demo-cluster |
| Region | Europe (Ireland) – eu-west-1 |
| Status | Active |
| Active Services | 2 (engageiq-demo-nginx-service and engageiq-ui-service |
| Running tasks | 2 |
| CloudWatch Monitoring | Enabled |
| Task Definition | Engageiq-demo-nginx:50 |
|  | [TD JSON v50](file:///Users/markpurdom/Desktop/EngageIQ/engageiq-api/engageiq-app/TD%20JSON%20v50) |
| ARN | arn:aws:ecs:eu-west-1:610726994156:task-definition/engageiq-demo-nginx:50 |
| Execution Role | engageiq-demo-task-execution-role |
| App environment | Fargate |
| CPU /Memory | 256 vCPU / 512 MiB |
| Network mode | Awsvpc |
| Status | ACTIVE |

# Container / Image

|  |  |
| --- | --- |
| Containers | NGINX |
| Image | 610726994156.dkr.ecr.eu-west-1.amazonaws.com/engageiq-ui:v19 |
| Port mapping | 80:80 |
| Health check | Command: curl -f http://localhost:8080/health || exit 1  • Interval: 30s, Timeout: 5s, Retries: 3 |
| Logs | Group: /ecs/engageiq-ui  Region: eu-west-1  Stream Prefix: ecs |
|  | API |
| Image | 610726994156.dkr.ecr.eu-west-1.amazonaws.com/engageiq-api:latest |
| Port mapping | 8080:8080 |
| Environment variable | TARGET\_HOST=demo.engageiq.tech |
| Logs | Group: /ecs/engageiq-api  Region: eu-west-1  Stream Prefix: ecs |

# Cognito Auth

|  |  |
| --- | --- |
| User pool name | EngageIQDemoUsers |
| AWS Region | Eu-west-1 |
| Pool ID | eu-west-1\_rm11Rp8xQ |
| Cognito domain | https://eu-west-1rm11rp8xq.auth.eu-west-1.amazoncognito.com |
| Domain | <https://auth.engageiq.tech> |
| Domain status | Active |
| Branding Version | Managed Login |
| ACM Certificate ARN | arn:aws:acm:us-east-1:610726994156:certificate/45af9deb-e02e-43c3-b5ba-458e29692daa |
| Alias target | dgzkgd22h92qu.cloudfront.net |
| App clients | GammaDemoApp  GammaDemoAppOAuth |
| GammaDemoApp |  |
| Client ID | 3hv92f6uaq7thjc880185lu3g4 |
| Client Secret | d422unoobpoe5oj4tta65ft3d025lchkfrioa6rud1vht038e8n |
| Callback URL | <https://demo.engageiq.tech/callback> |
| Sign-Out URL | <https://demo.engageiq.tech/logout> |
| OAuth Grant Type | Authorization code grant |
| OpenID Scopes | email, openid, phone |
| Login Page Type | Managed Login |
| Page Status | Available |
|  |  |
| GammaDemoAppOAuth |  |
| Client ID | 6kulpm31jhgnjeta3dug2p62l4 |
| Client secret | 1aj483fu3j2fu955cm2d30rsatjqh5funlnns3tqjiku6aqo56a3 |
| Authentication flows | SRP, Lambda custom auth, token refresh |
| Token expirations | Access: 60 min, ID: 60 min, Refresh: 5 days |
| Callback URL | <https://demo.engageiq.tech/callback> |
| Sign-out URL | <https://demo.engageiq.tech/logout> |
| OAuth Grant Types | Authorisation code grant |
| OpenID Scopes | Email, openid, profile |
| Custom scopes | None |
| Identity provider | Cognito User Pool |
| Login UI | Managed Login Pages |

# Networking

|  |  |
| --- | --- |
| VPC | Engageiq-demo-vpc |
| VPC ID | vpc-05c33ec9b6d9fb461 |
| ALB | Engageiq-alb1 |
| DNS Name | engageiq-alb1-2090748707.eu-west-1.elb.amazonaws.com |
| ARN | arn:aws:elasticloadbalancing:eu-west-1:610726994156:loadbalancer/app/engageiq-alb1/da7309e517a5ccf4 |
| Scheme | Internet facing |
| Subnets | subnet-03905ad608bcadff8 eu-west-1b (euw1-az1)  subnet-019309fe99a7ec537 eu-west-1a (euw1-az3) |
| Security Group ID | sg-0307d4d85cccbd5fb |
| Listeners |  |
| HTTPS:443 |  |
| SSL Cert ARN | arn:aws:acm:eu-west-1:610726994156:certificate/9b8d66aa-c6ed-4df3-abba-c4a5f72d9894 |
| Default action | Forward to engageiq-ui-target-group |
| Other rule | Path pattern /api /login /callback  Forward to engageiq-ui-target-group |
| HTTP:80 |  |
| Default rule | Redirect to HTTPS:443 |
| Target groups | engageiq-api-target-group  **engageiq-ui-target-group** |
| Target type | IP |
| Registered targets | 10.0.24.215 |
| Health check path | /health – 10 sec interval |

# Route53 / DNS

|  |  |
| --- | --- |
| Name servers | ns-1041.awsdns-02.org  ns-856.awsdns-43.net  ns-182.awsdns-22.com  ns-2034.awsdns-62.co.uk | |
| Active DNS records | See image below |
|  |  |
|  |  |

A screenshot of a computer

AI-generated content may be incorrect.

# IAM Roles & Policies

|  |  |
| --- | --- |
| Task Role | arn:aws:iam::610726994156:role/engageiq-demo-task-execution-role |
| Execution role | Same as task role |
|  |  |
|  |  |