

Architecture Overview

1. User Requests

- Users or systems send notification requests to the **Notification API**.

2. Notification API (AWS ECS Fargate)

- The Notification API microservice receives requests, processes them, and places the messages into an **Amazon SQS** queue.
- The Notification API is containerized using Docker and deployed on AWS ECS Fargate.
- Auto-scaling is enabled based on CPU usage, ensuring the service can handle varying loads.

3. Amazon SQS (Simple Queue Service)

- Acts as a message broker between the Notification API and the Email Sender microservice.
- Messages are queued here to ensure reliable message delivery and decoupling between the services.

4. Email Sender (AWS ECS Fargate)

- The Email Sender microservice polls the Amazon SQS queue, retrieves messages, and sends emails accordingly.
- Like the Notification API, the Email Sender is also containerized and deployed on AWS ECS Fargate.
- Auto-scaling is configured to maintain performance based on the message processing load.

5. AWS App Mesh & Cloud Map

- **AWS App Mesh** provides service mesh capabilities, ensuring secure and reliable service-to-service communication between the Notification API and Email Sender.
- **AWS Cloud Map** is used for service discovery, allowing the microservices to find each other dynamically.

6. AWS CloudWatch

- **CloudWatch Logs:** Logs from both microservices are collected here for monitoring and debugging.
- **CloudWatch Metrics:** Tracks key metrics such as CPU usage, memory usage, queue length, and error rates.
- **CloudWatch Alarms:** Alarms are set up to trigger based on certain thresholds, such as high CPU usage or message backlogs in the SQS queue.

7. AWS Secrets Manager

- Used to securely store and manage sensitive information, such as API keys, database credentials, and SMTP settings for sending emails.

8. GitHub Actions (CI/CD Pipeline)

- A GitHub Actions workflow automates the CI/CD process:
 - Code is pushed to the GitHub repository.
 - Docker images are built and pushed to **Amazon ECR**.
 - Terraform is used to provision and update the necessary AWS infrastructure.
 - The ECS services are deployed and managed through Terraform.

9. Amazon ECR (Elastic Container Registry)

- Stores Docker images for both the Notification API and Email Sender microservices.
- Docker images are built locally or via the CI/CD pipeline and pushed to ECR.

STEP 1: launch an instance

STEP 2: install suggested packages

STEP 3: SCR management

STEP 4: terraform configuration files

STEP 5: Build docker files

STEP 6: Deployment

STEP 7: push docker images

STEP 8: Monitoring

The screenshot shows the AWS Cloud Console interface for launching a new EC2 instance. The top navigation bar includes links for 'Sign in', 'Add Actions secret - vommida...', 'DevOps-Assessment/README.m', and 'Launch an instance | EC2 | us-east-1#LaunchInstances'. The main content area is titled 'Launch an instance' and contains several configuration sections:

- Name and tags**: A section where the instance name is set to 'devops-assessment'.
- Application and OS Images (Amazon Machine Image)**: A search bar and a list of available AMIs, including 'Amazon Linux 2023 AMI 2023.5.2...' and 'Canonical, Ubuntu, 24.04 LTS, ...'. A 'Quick Start' section shows logos for Amazon Linux, macOS, Ubuntu, Windows, Red Hat, and SUSE Linux.
- Summary**: A summary panel on the right showing the number of instances (1), software image (Amazon Linux 2023 AMI 2023.5.2...), virtual server type (t2.micro), and storage (1 volume(s) - 8 GiB). It also displays a 'Free tier' message: 'In your first year includes 750 hours of t2.micro (or ...)'.
- Actions**: Buttons for 'Launch instance' (highlighted in orange) and 'Review commands'.

The bottom of the screen shows the Windows taskbar with various pinned icons and system status indicators.

Screenshot of the AWS Cloud Console showing the creation of a new EC2 instance.

The top section shows the "Create key pair" dialog:

- Key pair name:** keypairasses
- Key pair type:** RSA (selected)
- Private key file format:** .pem (selected)

A warning message states: "When prompted, store the private key in a secure and accessible location on your computer. You will need it later to connect to your instance. [Learn more](#)"

The bottom section shows the "Launch instance" dialog:

- Instance type:** t2.micro
- AMI:** ami-04a81a99f5ec58529
- Number of instances:** 1
- Software Image (AMI):** Canonical, Ubuntu, 24.04 LTS, ami-04a81a99f5ec58529
- Virtual server type (instance type):** t2.large
- Firewall (security group):** New security group
- Storage (volumes):** 1 volume(s) - 8 GiB

A tooltip indicates: "Free tier: In your first year includes 750 hours of t2.micro (or t2.small)"

Buttons at the bottom include "Cancel", "Launch instance", and "Review commands".

Screenshot of the AWS CloudShell interface showing the EC2 Instance Connect session for instance i-0709405b795f2de6c.

Instance summary for i-0709405b795f2de6c (devops-assesment)

Instance ID	i-0709405b795f2de6c (devops-assesment)	Public IPv4 address	44.220.88.241 open address	Private IPv4 addresses	172.31.6.18
IPv6 address	-	Instance state	Running	Public IPv4 DNS	ec2-44-220-88-241.compute-1.amazonaws.com open address
Hostname type	IP name: ip-172-31-6-18.ec2.internal	Private IP DNS name (IPv4 only)	ip-172-31-6-18.ec2.internal	Elastic IP addresses	-
Answer private resource DNS name	-	Instance type	t2.large	AWS Compute Optimizer finding	Opt-in to AWS Compute Optimizer for recommendations Learn more
Auto-assigned IP address	44.220.88.241 [Public IP]	VPC ID	vpc-0870ec1fad90dec9a	Auto Scaling Group name	-
AMIs	IAM Role	Subnet ID	subnet-006220f92f4639e3		
AMI Catalog	-	Instance ARN	-		
Elastic Block Store	IMDSv2				
Volumes	Required				

System information disabled due to load higher than 1.0

Expanded Security Maintenance for Applications is not enabled.

0 updates can be applied immediately.

Enable ESM Apps to receive additional future security updates. See <https://ubuntu.com/esm> or run: sudo pro status

The list of available updates is more than a week old. To check for new updates run: sudo apt update

The programs included with the Ubuntu system are free software; the exact distribution terms for each program are described in the individual files in /usr/share/doc/*copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by applicable law.

To run a command as administrator (user "root"), use "sudo <command>". See "man sudo_root" for details.

```
ubuntu@ip-172-31-6-18:~$ sudo -i
root@ip-172-31-6-18:~# apt update -y
```

i-0709405b795f2de6c (devops-assesment)

Public IPs: 44.220.88.241 Private IPs: 172.31.6.18

Sign in | Add Actions secret - vommidapu | DevOps-Assessment/README.m | Instance details | EC2 | us-east-1 | EC2 Instance Connect | us-east-1 | +

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aws Services Search [Alt+S]

```
root@ip-172-31-6-18:~# apt install unzip -y
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
Suggested packages:
  zip
The following NEW packages will be installed:
  unzip
0 upgraded, 1 newly installed, 0 to remove and 53 not upgraded.
Need to get 175 kB of archives.
After this operation, 384 kB of additional disk space will be used.
Get:1 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble/main amd64 unzip amd64 6.0-28ubuntu4 [175 kB]
Fetches: 175 kB in 0s (8661 kB/s)
Selecting previously unselected package unzip.
(Reading database ... 67739 files and directories currently installed.)
Preparing to unpack .../unzip_6.0-28ubuntu4_amd64.deb ...
Unpacking unzip (6.0-28ubuntu4) ...
Setting up unzip (6.0-28ubuntu4) ...
Processing triggers for man-db (2.12.0-4build2) ...
Scanning processes...
Scanning linux images...

Running kernel seems to be up-to-date.

No services need to be restarted.

No containers need to be restarted.
```

i-0709405b795f2de6c (devops-assesment)
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Sign in | Add Actions secret - vommidapu | DevOps-Assessment/README.m | Instance details | EC2 | us-east-1 | EC2 Instance Connect | us-east-1 | +

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aws Services Search [Alt+S]

```
root@ip-172-31-6-18:~# wget -O- https://apt.releases.hashicorp.com/gpg | sudo gpg --dearmor -o /usr/share/keyrings/hashicorp-archive-keyring.gpg
echo "deb [signed-by=/usr/share/keyrings/hashicorp-archive-keyring.gpg] https://apt.releases.hashicorp.com $(lsb_release -cs) main" | sudo tee /etc/apt/sources.list.d/hashicorp.list
sudo apt update && sudo apt install terraform
--2024-08-19 00:22:11-- https://apt.releases.hashicorp.com/gpg
Resolving apt.releases.hashicorp.com (apt.releases.hashicorp.com)... 18.160.10.69, 18.160.10.71, 18.160.10.126, ...
Connecting to apt.releases.hashicorp.com (apt.releases.hashicorp.com)|18.160.10.69|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 3980 (3.9K) [binary/octet-stream]
Saving to: 'STDOUT'

[  0%]                                     ==>   3.89K  ---KB/s  in 0s
2024-08-19 00:22:11 (712 MB/s) - written to stdout [3980/3980]

deb [signed-by=/usr/share/keyrings/hashicorp-archive-keyring.gpg] https://apt.releases.hashicorp.com noble main
Hit:1 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble InRelease
Hit:2 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-updates InRelease
Hit:3 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-backports InRelease
Hit:4 http://security.ubuntu.com/ubuntu noble-security InRelease
Get:5 https://apt.releases.hashicorp.com noble InRelease [12.9 kB]
Get:6 https://apt.releases.hashicorp.com/noble/main amd64 Packages [145 kB]
Fetched 157 kB in 0s (331 kB/s)
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
53 packages can be upgraded. Run 'apt list --upgradable' to see them.
```

i-0709405b795f2de6c (devops-assesment)
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```
root@ip-172-31-6-18:~# apt install docker.io -y
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  bridge-utils containerd dns-root-data dnsmasq-base pigz runc ubuntu-fan
Suggested packages:
  ifupdown aufs-tools cgroupfs-mount | cgroup-lite debootstrap docker-buildx docker-doc rinse zfs-fuse | zfsutils
The following NEW packages will be installed:
  bridge-utils containerd dns-root-data dnsmasq-base docker.io pigz runc ubuntu-fan
0 upgraded, 8 newly installed, 0 to remove and 53 not upgraded.
Need to get 76.8 MB of archives.
After this operation, 289 MB of additional disk space will be used.
Get:1 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble/universe amd64 pigz amd64 2.8-1 [65.6 kB]
Get:2 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble/main amd64 bridge-utils amd64 1.7.1-1ubuntu2 [33.9 kB]
Get:3 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble/main amd64 runc amd64 1.1.12-0ubuntu3 [8599 kB]
Get:4 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble/main amd64 containerd amd64 1.7.12-0ubuntu4 [38.6 MB]
Get:5 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble/main amd64 dns-root-data all 2023112702-willsync1 [4450 B]
Get:6 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble/main amd64 dnsmasq-base amd64 2.90-2build2 [375 kB]
Get:7 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble/universe amd64 docker.io amd64 24.0.7-0ubuntu1 [29.1 MB]
Get:8 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble/universe amd64 ubuntu-fan all 0.12.16 [35.2 kB]
Fetched 76.8 MB in 1s (63.5 MB/s)
Preconfiguring packages ...
Selecting previously unselected package pigz.
(Reading database ... 67758 files and directories currently installed.)
Preparing to unpack .../0-pigz_2.8-1_amd64.deb ...
Unpacking pigz (2.8-1) ...

i-0709405b795f2de6c (devops-assesment)
PublicIPs: 44.220.88.241 PrivateIPs: 172.31.6.18
```

```
root@ip-172-31-6-18:~# git clone https://github.com/vommidapuchinni/DevOps-Assessment.git
Cloning into 'DevOps-Assessment'...
remote: Enumerating objects: 232, done.
remote: Counting objects: 100% (37/37), done.
remote: Compressing objects: 100% (14/14), done.
remote: Total 232 (delta 29), reused 23 (delta 23), pack-reused 195 (from 1)
Receiving objects: 100% (232/232), 254.30 KIB | 15.89 MiB/s, done.
Resolving deltas: 100% (84/84), done.
root@ip-172-31-6-18:~# ls
DevOps-Assessment aws awscli v2.zip snap
root@ip-172-31-6-18:~# cd DevOps-Assessment/
root@ip-172-31-6-18:~/DevOps-Assessment# ls
README.md app jest.config.ts jest.preset.js nx.json package-lock.json package.json terraform tsconfig.base.json
root@ip-172-31-6-18:~/DevOps-Assessment# cd apps/
root@ip-172-31-6-18:~/DevOps-Assessment/apps# ls
pt-notification-service pt-notification-service-e2e pt-notification-service-infra-cdk
root@ip-172-31-6-18:~/DevOps-Assessment/apps# cd pt-notification-service
root@ip-172-31-6-18:~/DevOps-Assessment/apps/pt-notification-service# ls
jest.config.ts project.json src tsconfig.app.json tsconfig.json tsconfig.spec.json webpack.config.js
root@ip-172-31-6-18:~/DevOps-Assessment/apps/pt-notification-service# cd src/
root@ip-172-31-6-18:~/DevOps-Assessment/apps/pt-notification-service/src# ls
app assets main.ts
root@ip-172-31-6-18:~/DevOps-Assessment/apps/pt-notification-service/src# vi Dockerfile notify
```

```
i-0709405b795f2de6c (devops-assesment)
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```



Sign in | Add Actions secret - vommida | vommidaupuchinni/DevOps-Assessment | Instance details | EC2 | us-east-1 | EC2 Instance Connect | us-east-1 | Dockerfile notify is name is valid | + | - | X

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aws Services Search [Alt+S]

S3 EC2 VPC

```
# Use an official Node.js runtime as a parent image
FROM node:18-alpine

# Set the working directory
WORKDIR /app

# Copy the current directory contents into the container at /app
COPY . .

# Install any needed packages
RUN npm install

# Make port 3000 available to the world outside this container
EXPOSE 3000

# Define environment variable
ENV NODE_ENV=production

# Run the app when the container launches
CMD ["npm", "start"]
```

-- INSERT --

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Sign in | Add Actions secret - vommida | DevOps-Assessment/apps at | Instance details | EC2 | us-east-1 | EC2 Instance Connect | us-east-1 | Dockerfile notify is valid | + | - | X

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aws Services Search [Alt+S]

S3 EC2 VPC

```
root@ip-172-31-6-18:~/DevOps-Assessment/apps/pt-notification-service# ls
jest.config.ts project.json src tsconfig.app.json tsconfig.json tsconfig.spec.json webpack.config.js
root@ip-172-31-6-18:~/DevOps-Assessment/apps# cd ..
root@ip-172-31-6-18:~/DevOps-Assessment/apps# ls
pt-notification-service pt-notification-service-e2e pt-notification-service-infra-cdk
root@ip-172-31-6-18:~/DevOps-Assessment/apps# cd pt-notification-service
root@ip-172-31-6-18:~/DevOps-Assessment/apps/pt-notification-service# ls
jest.config.ts project.json src tsconfig.app.json tsconfig.json tsconfig.spec.json webpack.config.js
root@ip-172-31-6-18:~/DevOps-Assessment/apps/pt-notification-service# cd ..
root@ip-172-31-6-18:~/DevOps-Assessment/apps# ls
README.md app jest.config.ts jest.preset.js nx.json package-lock.json package.json terraform tsconfig.base.json
root@ip-172-31-6-18:~/DevOps-Assessment# ls
README.md app jest.config.ts jest.preset.js nx.json package-lock.json package.json terraform tsconfig.base.json
root@ip-172-31-6-18:~/DevOps-Assessment# cd apps/
root@ip-172-31-6-18:~/DevOps-Assessment/apps# ls
pt-notification-service pt-notification-service-e2e pt-notification-service-infra-cdk
root@ip-172-31-6-18:~/DevOps-Assessment/apps# cd pt-notification-service-infra-cdk/
root@ip-172-31-6-18:~/DevOps-Assessment/apps/pt-notification-service-infra-cdk# ls
README.md cdk.json jest.config.js lambda lib package-lock.json package.json test tsconfig.json
root@ip-172-31-6-18:~/DevOps-Assessment/apps/pt-notification-service-infra-cdk# cd lambda/
root@ip-172-31-6-18:~/DevOps-Assessment/apps/pt-notification-service-infra-cdk/lambda# ls
emailTransportation notificationService
root@ip-172-31-6-18:~/DevOps-Assessment/apps/pt-notification-service-infra-cdk/lambda# cd emailTransportation/
root@ip-172-31-6-18:~/DevOps-Assessment/apps/pt-notification-service-infra-cdk/lambda/emailTransportation# ls
emailTransportation.ts
root@ip-172-31-6-18:~/DevOps-Assessment/apps/pt-notification-service-infra-cdk/lambda/emailTransportation# vi Dockerfile
```

i-0709405b795f2de6c (devops-assesment)
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The screenshot shows a browser window with multiple tabs open. The main content is a CloudShell terminal window.

Dockerfile Content:

```
# Use an official Node.js runtime as a parent image
FROM node:18-alpine

# Set the working directory
WORKDIR /app

# Copy the current directory contents into the container at /app
COPY . .

# Install any needed packages
RUN npm install

# Make port 3001 available to the world outside this container
EXPOSE 3001

# Define environment variable
ENV NODE_ENV=production

# Run the app when the container launches
CMD ["npm", "start"]
```

EC2 Instance Details:

i-0709405b795f2de6c (devops-assesment)
Public IPs: 44.220.88.241 Private IPs: 172.31.6.18

The screenshot shows the AWS ECR console. On the left, the navigation pane is expanded to show the 'Amazon Elastic Container Registry' section, with 'Private registry' selected. Under 'Private registry', 'Repositories' is selected, and the 'notification-api' repository is listed. The main content area displays the 'notification-api' repository details, showing one image named 'latest' pushed on August 19, 2024, at 18:52:20 (UTC+0:5). The image size is 378.82 MB.

Image tag	Artifact type	Pushed at	Size (MB)	Image URI	Digest
latest	Image	August 19, 2024, 18:52:20 (UTC+0:5)	378.82	Copy URI	sha256:2f74e6e180c4b...

Amazon ECR

notification-api

Image

Details

Image tags
latest

URI
961341527605.dkr.ecr.us-east-1.amazonaws.com/notification-api:latest

Digest
sha256:2f74e6e180c4b8844ddde5cab9f737fb1ca06aa801668f1e30f1e3caf8e8c7c0

General information

Artifact type
Image

Repository
notification-api

Pushed at
August 19, 2024, 18:52:20 (UTC+05:5)

Size (MB)
378.82

VPC dashboard

vpc-035015c41c4855f0

Details

VPC ID	State	DNS hostnames	DNS resolution
vpc-035015c41c4855f0	Available	Disabled	Enabled
Tenancy	DHCP option set	Main route table	Main network ACL
Default	dopt-0afcc384d3557686e	rtb-0e9ae1eaf43364ff	acl-021f449b1cdbe206f
Default VPC	IPv4 CIDR	IPv6 pool	IPv6 CIDR (Network border group)
No	10.0.0.0/16	-	-
Network Address Usage metrics	Route 53 Resolver DNS Firewall rule groups	Owner ID	
Disabled	-	961341527605	

Resource map

Subnets (1)

Route tables (1)

Netw

Screenshot of the AWS CloudShell interface showing two stacked screenshots of the Amazon Elastic Container Service (ECS) console.

The top screenshot shows the "Cluster overview" for the "notification-cluster".

ARN	Status	CloudWatch monitoring	Registered container instances
arn:aws:ecs:us-east-1:9613415276:cluster/notification-cluster	Active	Default	-

Services:

Draining	Active	Pending	Running
-	1	2	-

Encryption:

Managed storage	Fargate ephemeral storage
-	-

The bottom screenshot shows the "Health" tab for the "notification-service" within the "notification-cluster".

Status

ARN	Status	Tasks (2 Desired)	Deployments current state
arn:aws:ecs:us-east-1:9613415276:service/notification-cluster/notification-service	Active	2 Pending 0 Running	7 Failed 2 In Progress 0 Completed

Health

Alarm recommendations: 3h, 1d, 1w, UTC timezone, Add to dashboard.

CPU utilization: No unit.

Memory utilization: No unit.

The screenshot shows the AWS Elastic Container Service (ECS) Task definitions page. The left sidebar includes links for Clusters, Namespaces, Task definitions (selected), Account settings, Install AWS Copilot, Amazon ECR, Repositories, AWS Batch, Documentation, Discover products, and Subscriptions. The main content area displays a table of task definitions:

Task definition	Status of last revision
email_sender	ACTIVE
notification-task	ACTIVE
notification_api	ACTIVE

At the top right, there are buttons for Deploy, Create new revision, and Create new task definition.

The screenshot shows the AWS CloudShell interface with the following details:

- CloudShell** and **Feedback** buttons are at the top left.
- The status bar at the top right shows "© 2024, Amazon Web Services, Inc. or its affiliates.", "Privacy", "Terms", and "Cookie preferences".
- The system tray at the top right shows "86°F Haze", "ENG IN", "1904 19-08-2024", and other connectivity icons.
- The browser address bar shows the URL: https://us-east-1.console.aws.amazon.com/ecs/v2/task-definitions/email_sender?status=ACTIVE®ion=us-east-1.
- The AWS Management Console navigation bar includes links for Instances, Roles, IAM, Elastic Container Registry, VpcDetails, Task definitions, Metrics, Create access, EC2 Instances, DevOps, and more.
- The main content area displays the "Amazon Elastic Container Service" dashboard for the "email_sender" task definition, showing 11 revisions. The revisions are listed in descending order of creation date, all marked as "ACTIVE".
- The sidebar on the left lists various AWS services: Clusters, Namespaces, Task definitions (selected), Account settings, Install AWS Copilot, Amazon ECR, Repositories, AWS Batch, Documentation, Discover products, and Subscriptions.
- The bottom navigation bar includes CloudShell, Feedback, and the same "CloudShell" and "Feedback" buttons as the top left.

Screenshot of the AWS CloudShell interface showing the AWS Elastic Container Service (ECS) Task Definitions page.

The URL is <https://us-east-1.console.aws.amazon.com/ecs/v2/task-definitions/notification-task/1/containers?region=us-east-1>

Task size

Container	CPU	Memory (MiB)
notification-api	512 units (0.5 vCPU)	1024 MiB (1 GB)
email-sender	512 units (0.5 vCPU)	1024 MiB (1 GB)

Containers

Container name	Image	Private registry	Essential	CPU	Memory hard/s...	GPU
notification-api	961341527...	-	Yes	.25 vCPU	.5 GB/-	-
email-sender	961341527...	-	Yes	.25 vCPU	.5 GB/-	-

notification_api (11) info

Filter status: Active

Revision	Status
notification_api:11	ACTIVE
notification_api:10	ACTIVE
notification_api:9	ACTIVE
notification_api:8	ACTIVE
notification_api:7	ACTIVE
notification_api:6	ACTIVE
notification_api:5	ACTIVE
notification_api:4	ACTIVE
notification_api:3	ACTIVE
notification_api:2	ACTIVE
notification_api:1	ACTIVE

Screenshot of the AWS CloudWatch Log Groups interface.

The URL is <https://us-east-1.console.aws.amazon.com/cloudwatch/home?region=us-east-1#logV2:log-groups>.

The left sidebar shows:

- Alarms (0)
- Logs
 - Log groups
 - Log Anomalies
 - Live Tail
 - Logs Insights
 - Contributor Insights
- Metrics
 - All metrics
 - Explorer
 - Streams
- X-Ray traces

The main content area displays the "Log groups (1)" page. A single log group is listed:

Log group	Log class	Anomaly d...	Data p...	Sensiti...	Retenti...	Metric
/ecs/notification-api	Standard	Configure	-	-	Never expire	-

Below this, the "Log group details" section provides the following information:

Log class	Info	Metric filters	Anomaly detection
Standard	0	Configure	-
ARN	arn:aws:logs:us-east-1:961341527605:log-group:/ecs/notification-api*	Subscription filters	Data protection
	0	Contributor Insights rules	-
Creation time	19 minutes ago	KMS key ID	Sensitive data count
	-	-	-
Retention	Never expire		
	-		
Stored bytes	-		

Signed in

https://us-east-1.console.aws.amazon.com/sqs/v3/home?region=us-east-1#/queues/https%3A%2F%2Fsqs.us-east-1.amazonaws.com%2F961341527605%2Fnotification-queue

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S3 EC2 VPC

Amazon SQS > Queues > notification-queue

notification-queue

Edit Delete Purge Send and receive messages Start DLQ redrive

Details Info

Name: notification-queue Type: Standard ARN: arn:aws:sqs:us-east-1:961341527605:notification-queue

Encryption: Amazon SQS key (SSE-SQS) URL: https://sqs.us-east-1.amazonaws.com/961341527605/notification-queue

Dead-letter queue: -

More

SNS subscriptions Lambda triggers EventBridge Pipes Dead-letter queue Monitoring Tagging Access policy Encryption Dead-letter queue redrive tasks

Subscription region: us-east-1

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