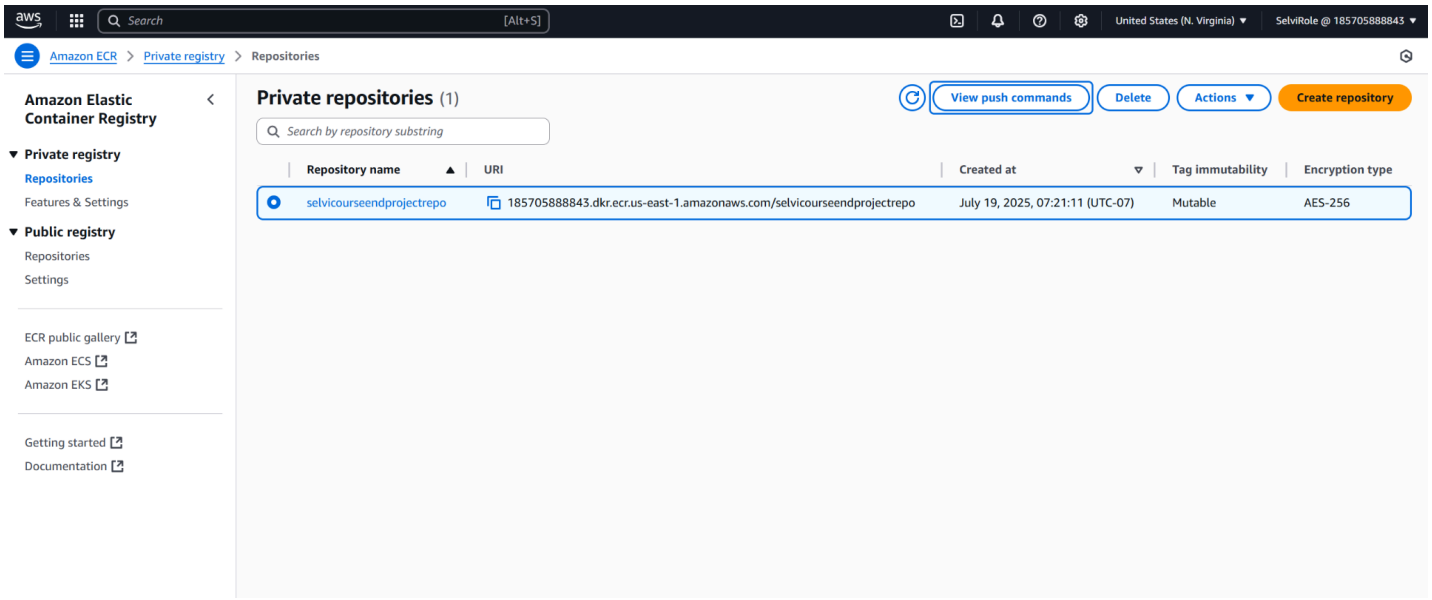
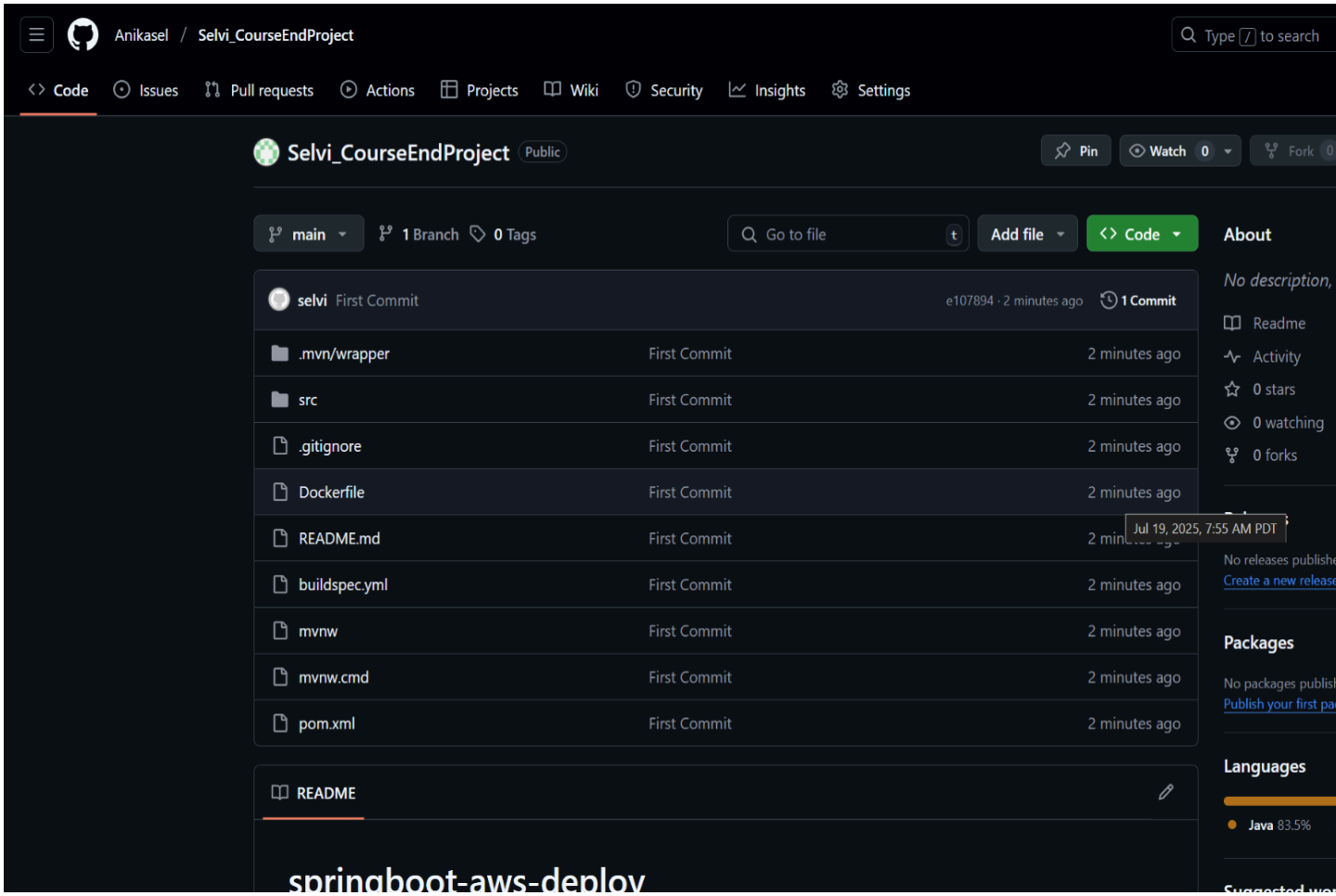
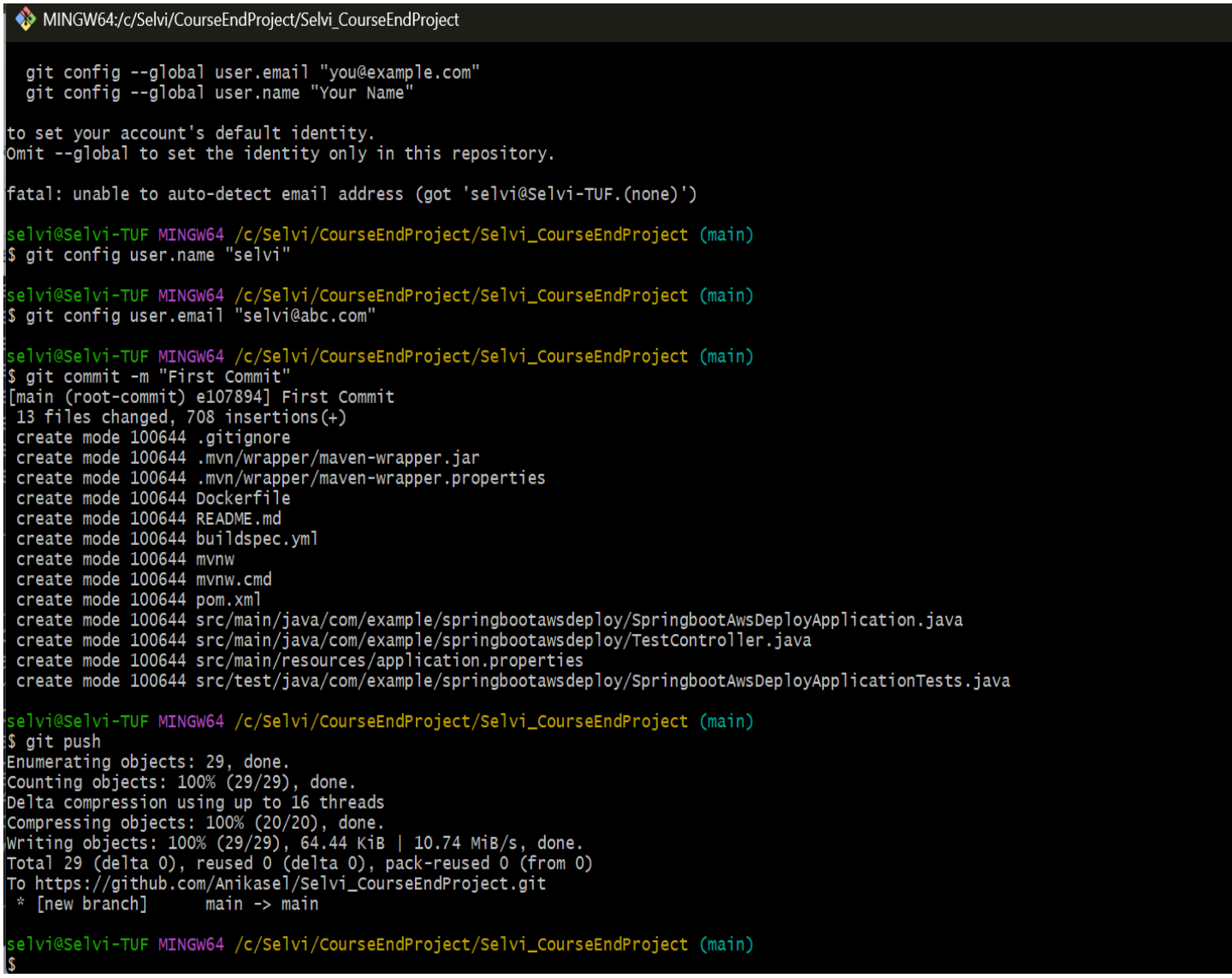
Step 1: Setup an AWS Elastic Container Registry with a repository

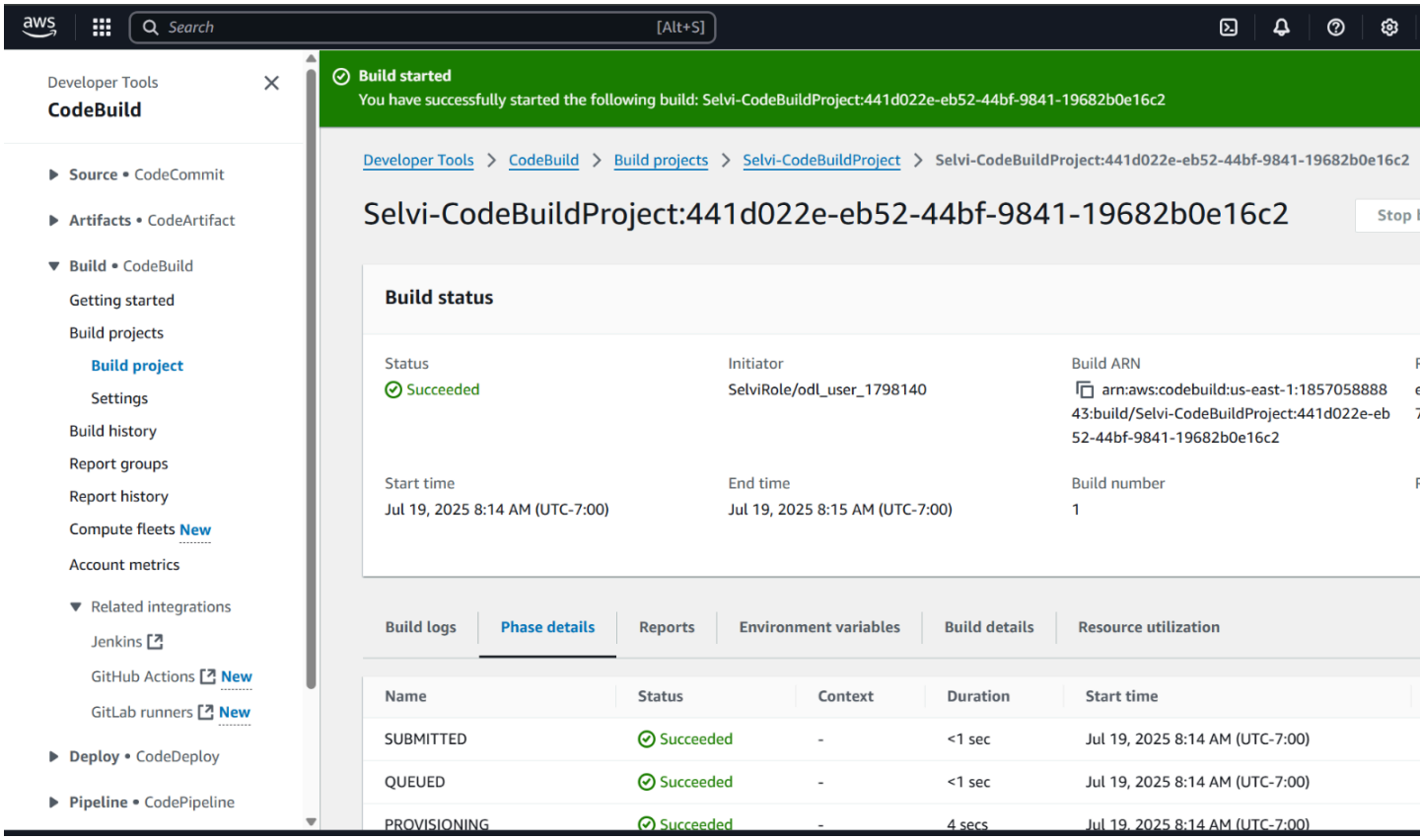


Step 2: Setup a GitHub repository and clone it to local machine

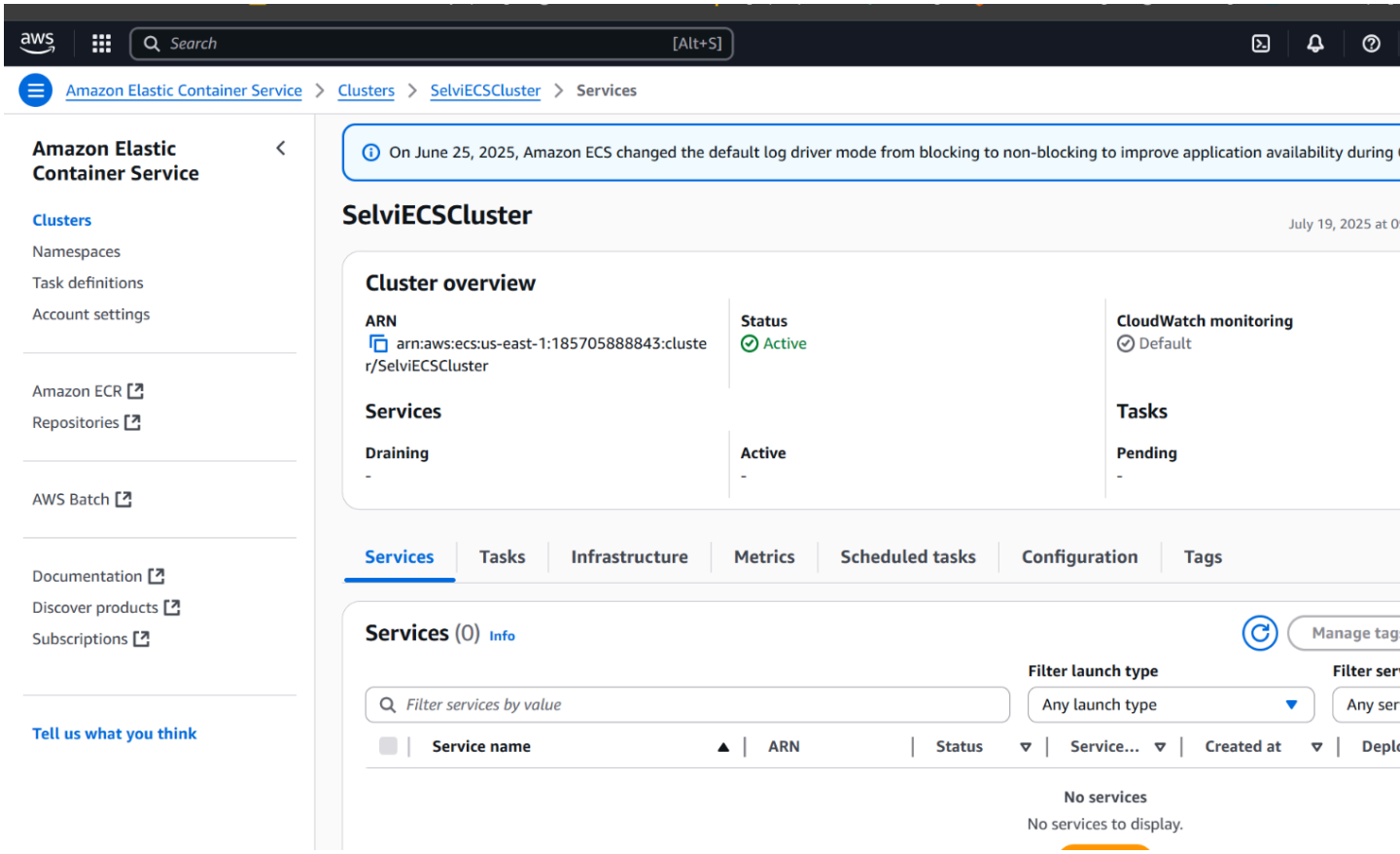

Anikasel / Selvi_CourseEndProject
Type / to search
Code
Issues
Pull requests
Actions
Projects
Wiki
Security
Insights
Settings
Selvi_CourseEndProject
Public
Pin
Watch 0
Fork
main
1 Branch
0 Tags
Go to file
t
Add file
Code
About
No description,
selvi First Commit
e107894 · 2 minutes ago
1 Commit
.mvn/wrapper First Commit 2 minutes ago
src First Commit 2 minutes ago
.gitignore First Commit 2 minutes ago
Dockerfile First Commit 2 minutes ago
README.md First Commit 2 minutes ago
buildspec.yml First Commit 2 minutes ago
mvnw First Commit 2 minutes ago
mvnw.cmd First Commit 2 minutes ago
pom.xml First Commit 2 minutes ago
Readme
Activity
0 stars
0 watching
0 forks
Jul 19, 2025, 7:55 AM PDT
No releases publishe
Create a new release
Packages
No packages publish
Publish your first pa
Languages
Java 83.5%
README
springboot-aws-deploy



Step 3: Create a Code Build project



Step 4: Establish an ECS cluster


Search [Alt+S]
Amazon Elastic Container Service > Clusters > SelviECSCluster > Services
Amazon Elastic Container Service
Clusters
Namespaces
Task definitions
Account settings
Amazon ECR
Repositories
AWS Batch
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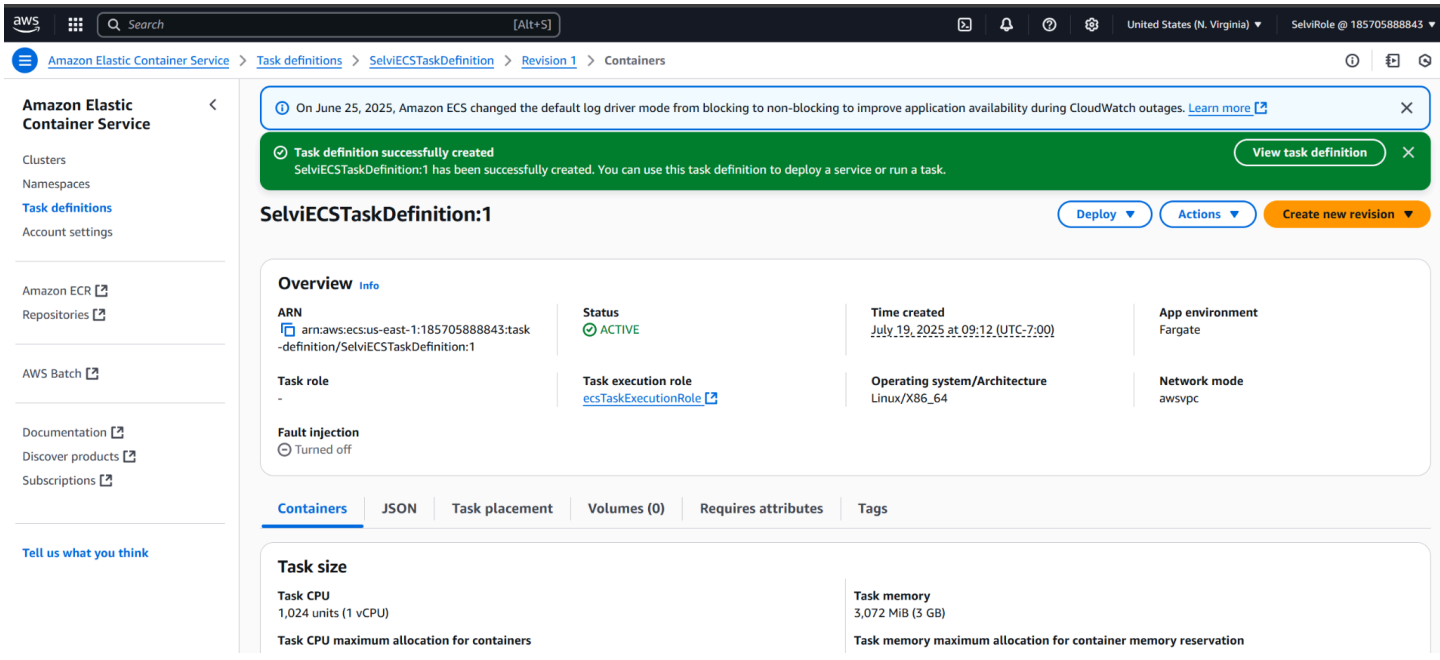
On June 25, 2025, Amazon ECS changed the default log driver mode from blocking to non-blocking to improve application availability during
SelviECSCluster
July 19, 2025 at 0
Cluster overview
ARN
arn:aws:ecs:us-east-1:185705888843:cluster/SelviECSCluster
Status
Active
CloudWatch monitoring
Default
Services
Draining
-
Active
-
Tasks
Pending
-
Services
Tasks
Infrastructure
Metrics
Scheduled tasks
Configuration
Tags
Services (0) Info
Manage tag
Filter launch type
Any launch type
Filter ser
Filter services by value
Any ser
Service name
ARN
Status
Service...
Created at
Deplo
No services
No services to display.


Search [Alt+S]
United States (N. Virginia)
SelviRole @ 185705888843
Amazon Elastic Container Service > Task definitions > SelviECSTaskDefinition > Revision 1 > Containers
Amazon Elastic Container Service
Clusters
Namespaces
Task definitions
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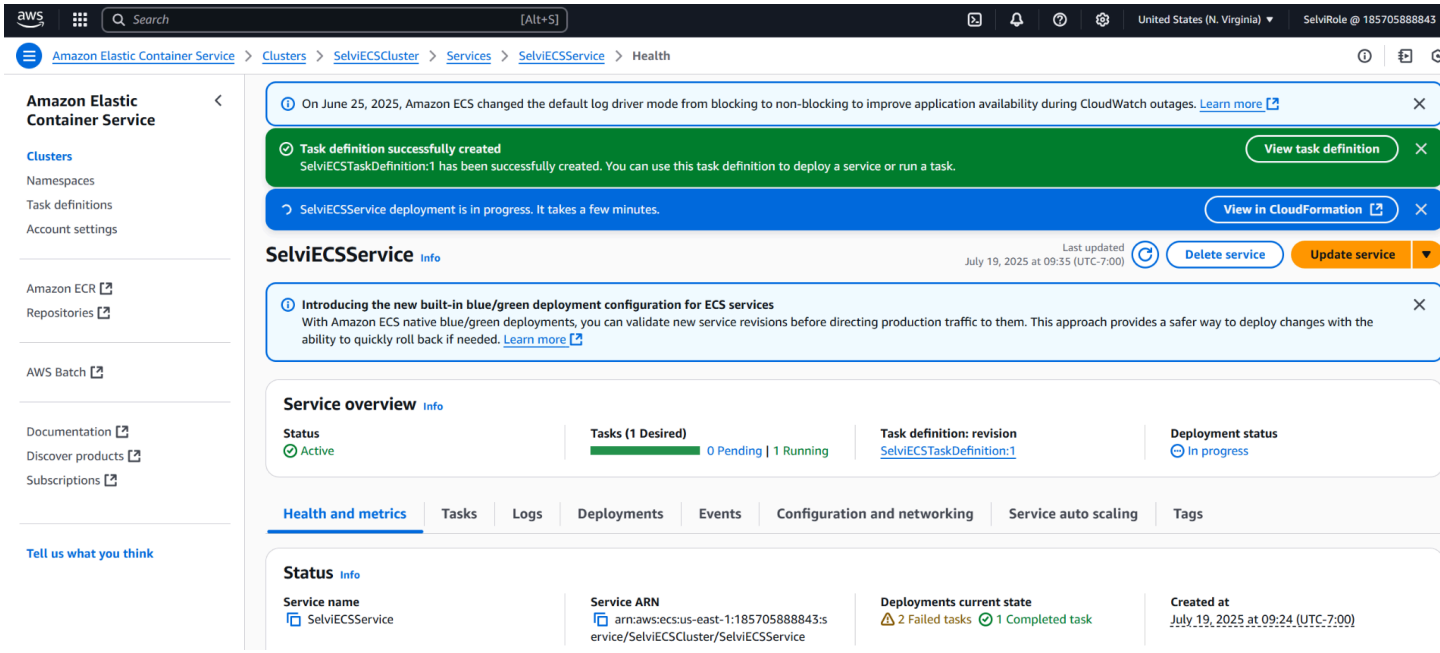
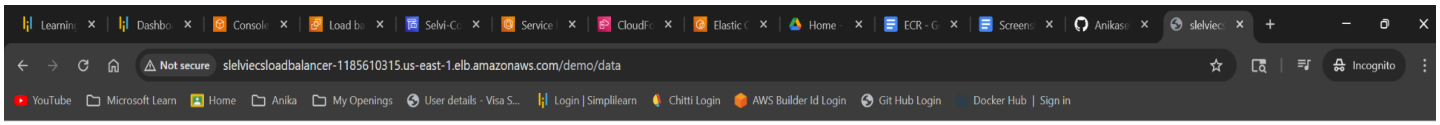
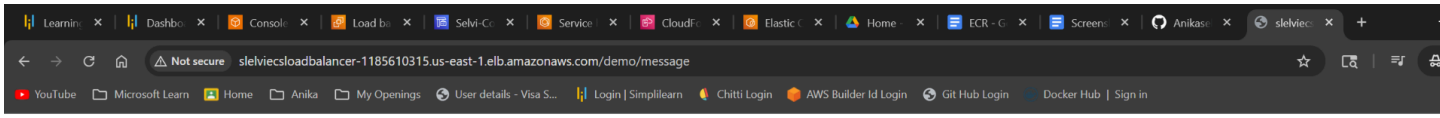
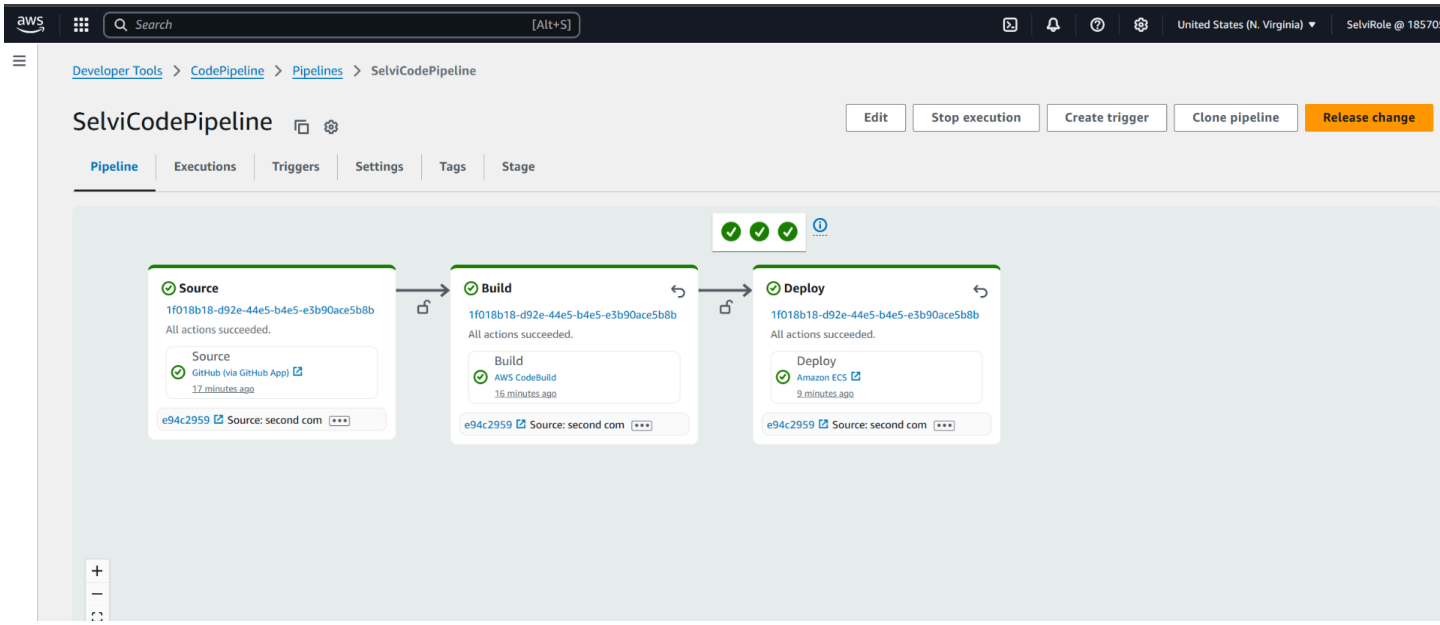
On June 25, 2025, Amazon ECS changed the default log driver mode from blocking to non-blocking to improve application availability during CloudWatch outages. Learn more
Task definition successfully created
SelviECSTaskDefinition:1 has been successfully created. You can use this task definition to deploy a service or run a task.
View task definition
SelviECSTaskDefinition:1
Deploy
Actions
Create new revision
Overview Info
ARN
arn:aws:ecs:us-east-1:185705888843:task-definition/SelviECSTaskDefinition:1
Status
ACTIVE
Time created
July 19, 2025 at 09:12 (UTC-7:00)
App environment
Fargate
Task role
-
Task execution role
ecsTaskExecutionRole
Operating system/Architecture
Linux/X86_64
Network mode
awsvpc
Fault injection
Turned off
Containers
JSON
Task placement
Volumes (0)
Requires attributes
Tags
Task size
Task CPU
1,024 units (1 vCPU)
Task memory
3,072 MiB (3 GB)
Task CPU maximum allocation for containers
Task memory maximum allocation for container memory reservation





First message from AWS Ecs



Step 5. Construct and Execute a CodePipeline to automate the deployment process