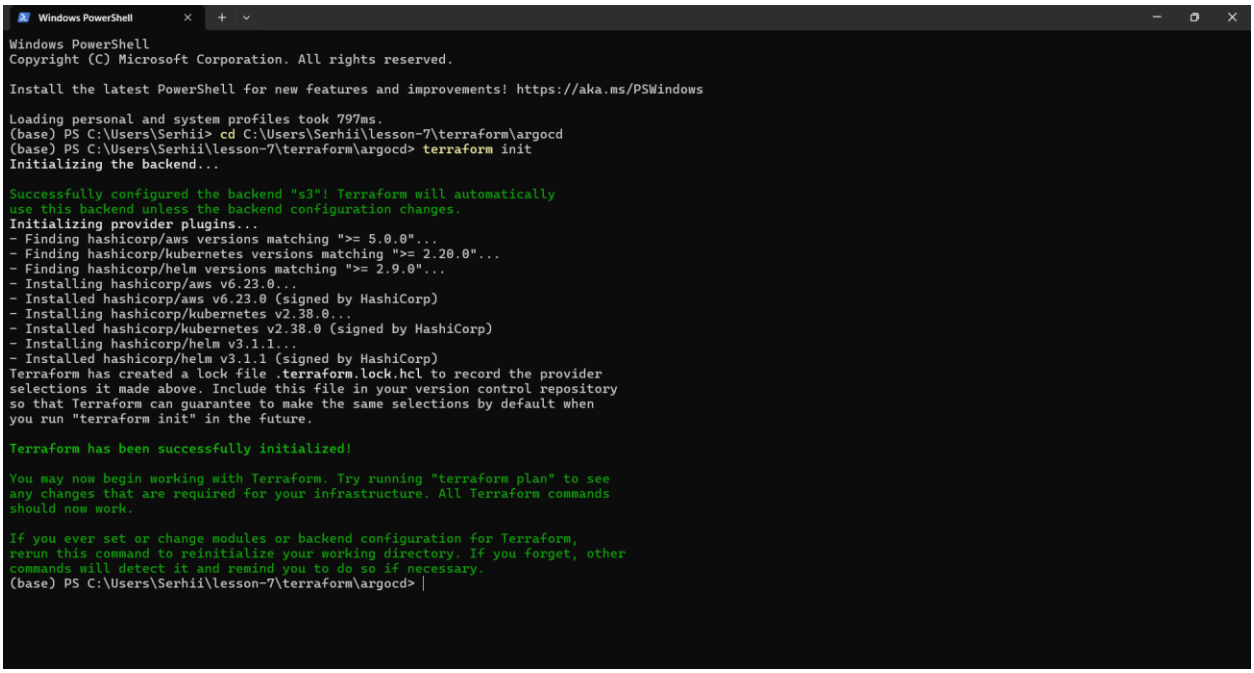
Terraform init

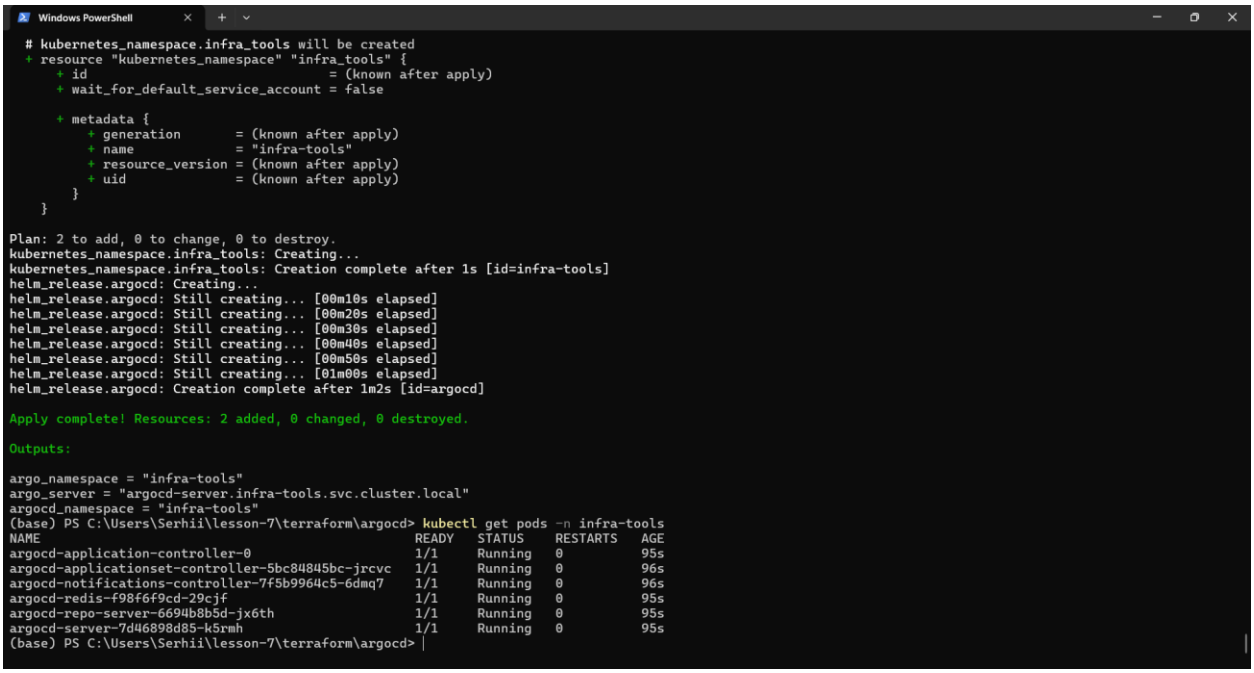


Для реалізації задачі було змінено налаштування eks-кластеру з попереднього д/з

```
eks_managed_node_groups = {
   cpu_nodes = {
     instance_types = ["t3.small"]
     desired_size   = 3
     max_size       = 3
     min_size       = 1
   }
 }
```

Запущено ArgoCD

terraform apply -auto-approve



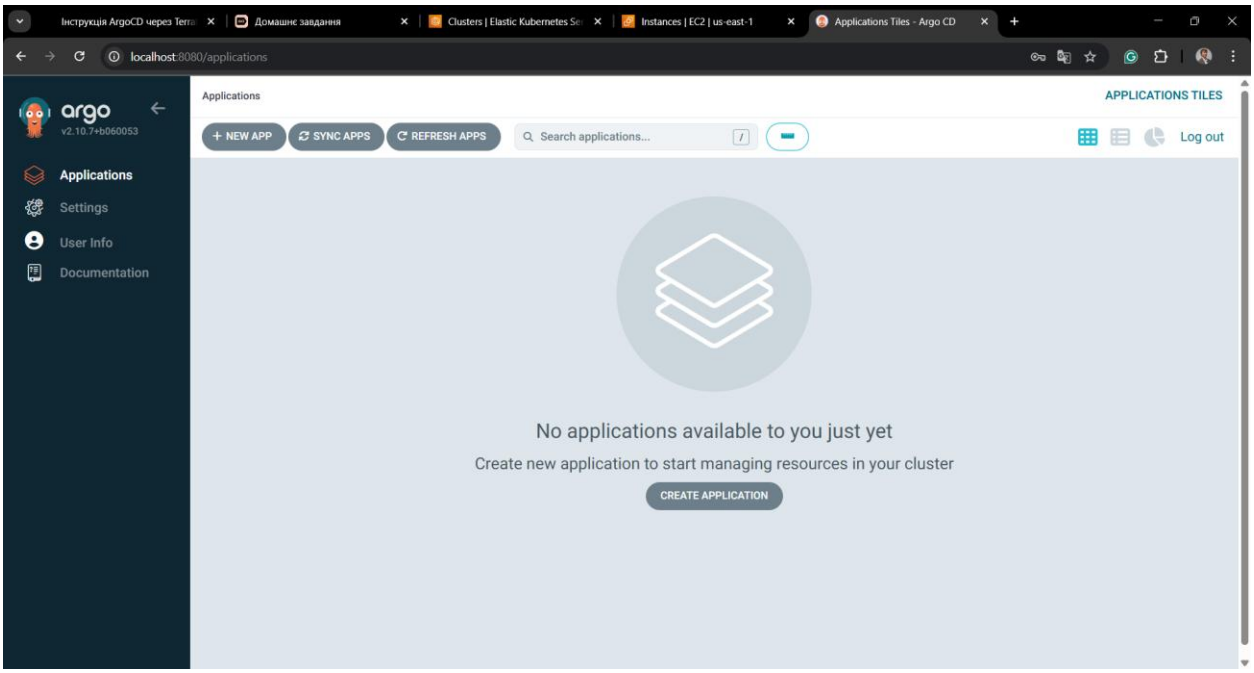
Отримуємо пароль (логін по замовчуванню admin)

kubectl -n infra-tools get secret argocd-initial-admin-secret -o jsonpath="{.data.password}" > enc.txt

certutil -decode enc.txt dec.txt

type dec.txt

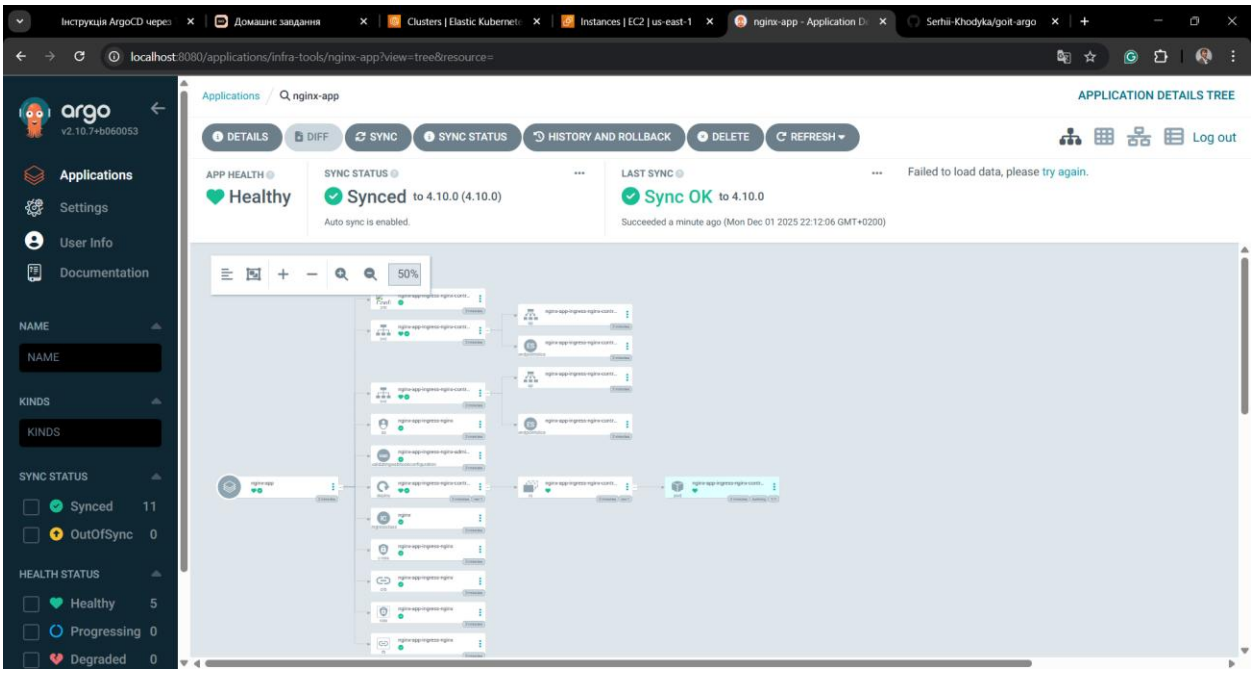
Отримали доступ до web-інтерфейсу ArgoCD

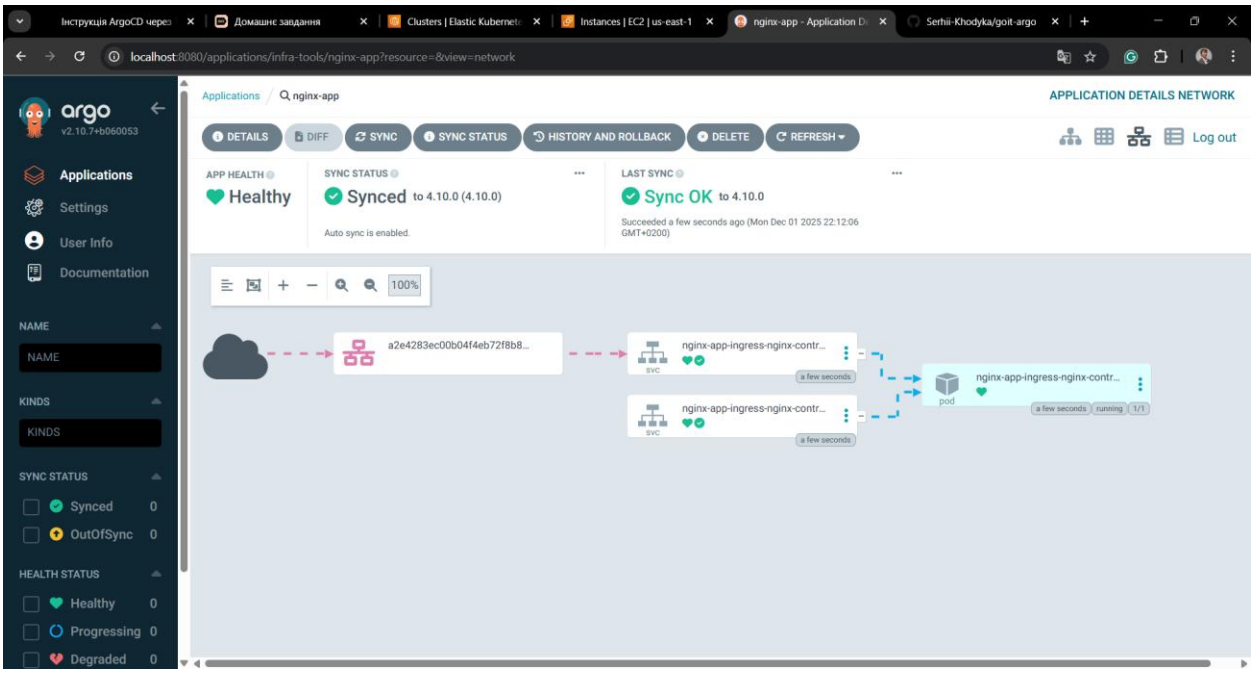


Створення застосунку «nginx-app», який вибрано для виконання д/з

```
Командний рядок
Error from server (NotFound): namespaces "application" not found

C:\Users\Serhii\lesson-7\goit-argo>kubectl apply -f application.yaml -n infra-tools
application.argoproj.io/nginx-app created

C:\Users\Serhii\lesson-7\goit-argo>kubectl delete application nginx-app -n infra-tools
application.argoproj.io "nginx-app" deleted

C:\Users\Serhii\lesson-7\goit-argo>kubectl apply -f application.yaml -n infra-tools
application.argoproj.io/nginx-app created

C:\Users\Serhii\lesson-7\goit-argo>kubectl get pods -n application
NAME                         READY   STATUS             RESTARTS   AGE
nginx-app-6cbb498564-6x55b   0/1     ImagePullBackOff   0          4m42s

C:\Users\Serhii\lesson-7\goit-argo>kubectl delete application nginx-app -n infra-tools
application.argoproj.io "nginx-app" deleted

C:\Users\Serhii\lesson-7\goit-argo>kubectl delete namespace application
namespace "application" deleted

C:\Users\Serhii\lesson-7\goit-argo>kubectl apply -f application.yaml -n infra-tools
application.argoproj.io/nginx-app created

C:\Users\Serhii\lesson-7\goit-argo>kubectl get pods -n application
NAME                                        READY   STATUS      RESTARTS   AGE
nginx-app-ingress-nginx-admission-create-bz8d9       0/1     Completed   0          18s
nginx-app-ingress-nginx-controller-6b887844c7-wbpqp   0/1     Running     0          9s

C:\Users\Serhii\lesson-7\goit-argo>kubectl get pods -n application
NAME                                        READY   STATUS    RESTARTS   AGE
nginx-app-ingress-nginx-controller-6b887844c7-wbpqp   1/1     Running   0          3m35s

C:\Users\Serhii\lesson-7\goit-argo>
```

Результати роботи nginx-app в argoCD


Інструкція ArgoCD через
Домашнє завдання
Clusters | Elastic Kubernet
Instances | EC2 | us-east-1
nginx-app - Application D
Serhii-Khodyka/goit-argo
localhost:8080/applications/infra-tools/nginx-app?view=tree&resource=
argo
v2.10.7+b060053
Applications
Settings
User Info
Documentation
NAME
KINDS
SYNC STATUS
Synced 11
OutOfSync 0
HEALTH STATUS
Healthy 5
Progressing 0
Degraded 0
Applications / nginx-app
APPLICATION DETAILS TREE
DETAILS
DIFF
SYNC
SYNC STATUS
HISTORY AND ROLLBACK
DELETE
REFRESH
Log out
APP HEALTH
Healthy
SYNC STATUS
Synced to 4.10.0 (4.10.0)
Auto sync is enabled.
LAST SYNC
Sync OK to 4.10.0
Succeeded a minute ago (Mon Dec 01 2025 22:12:06 GMT+0200)
Failed to load data, please try again.
50%


Інструкція ArgoCD через
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Clusters | Elastic Kubernet
Instances | EC2 | us-east-1
nginx-app - Application D
Serhii-Khodyka/goit-argo
localhost:8080/applications/infra-tools/nginx-app?resource=&view=network
argo
v2.10.7+b060053
Applications
Settings
User Info
Documentation
NAME
KINDS
SYNC STATUS
Synced 0
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Applications / nginx-app
APPLICATION DETAILS NETWORK
DETAILS
DIFF
SYNC
SYNC STATUS
HISTORY AND ROLLBACK
DELETE
REFRESH
Log out
APP HEALTH
Healthy
SYNC STATUS
Synced to 4.10.0 (4.10.0)
Auto sync is enabled.
LAST SYNC
Sync OK to 4.10.0
Succeeded a few seconds ago (Mon Dec 01 2025 22:12:06 GMT+0200)
100%
a2e4283ec00b04f4eb72f8b8...
nginx-app-ingress-nginx-contr...
SVC
a few seconds
nginx-app-ingress-nginx-contr...
SVC
a few seconds
nginx-app-ingress-nginx-contr...
pod
a few seconds
running
1/1