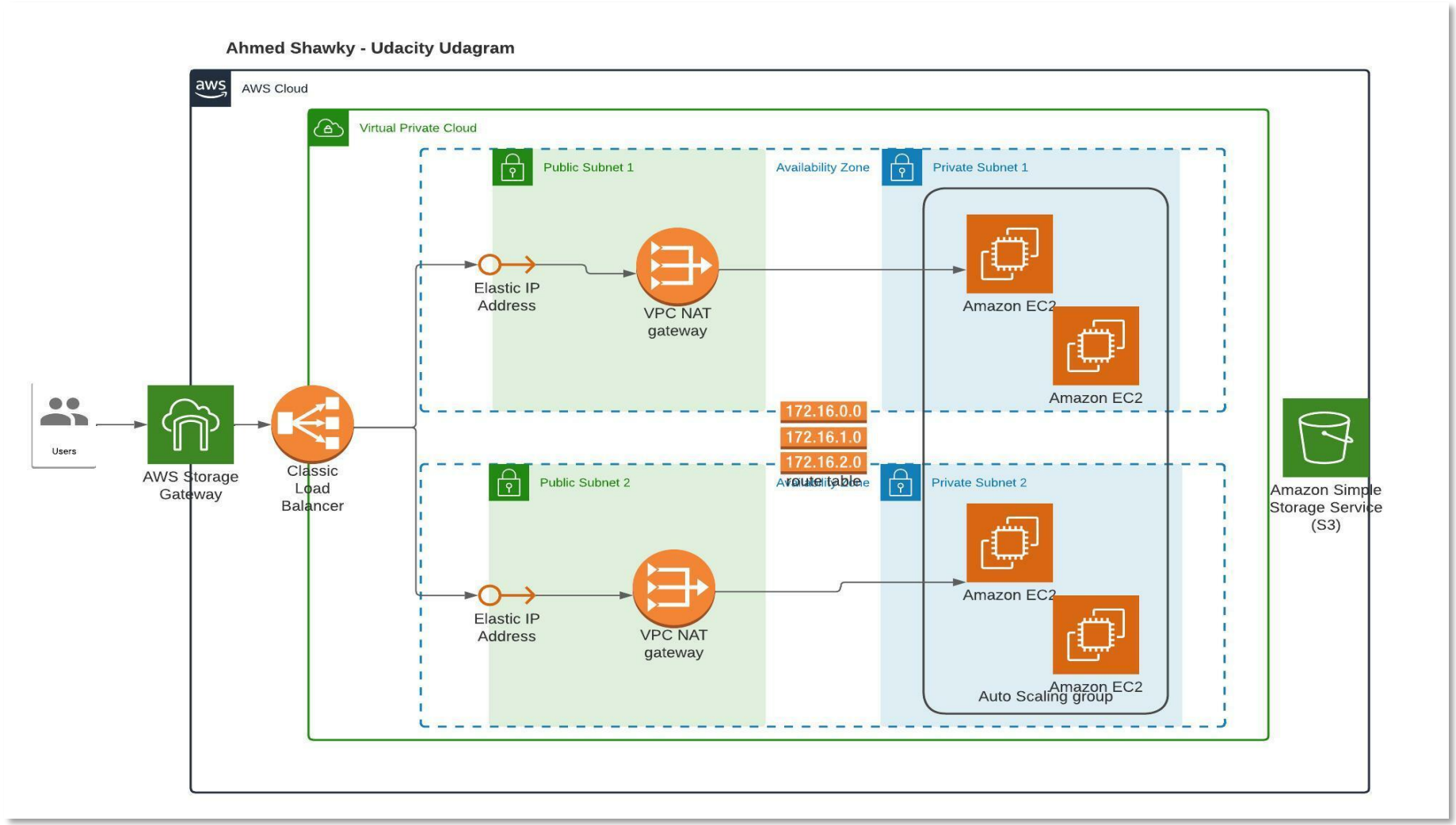
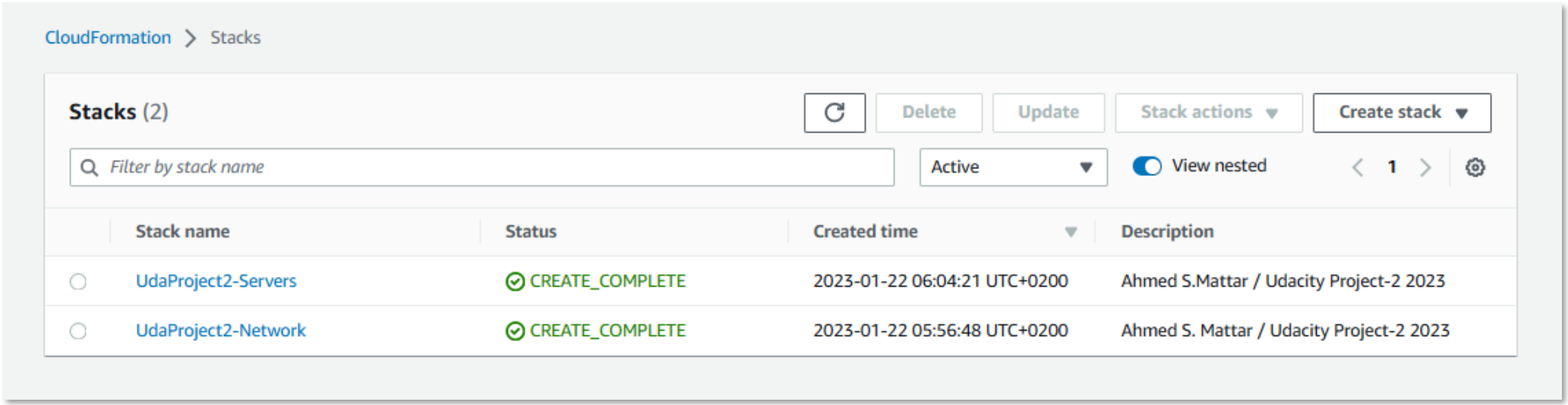
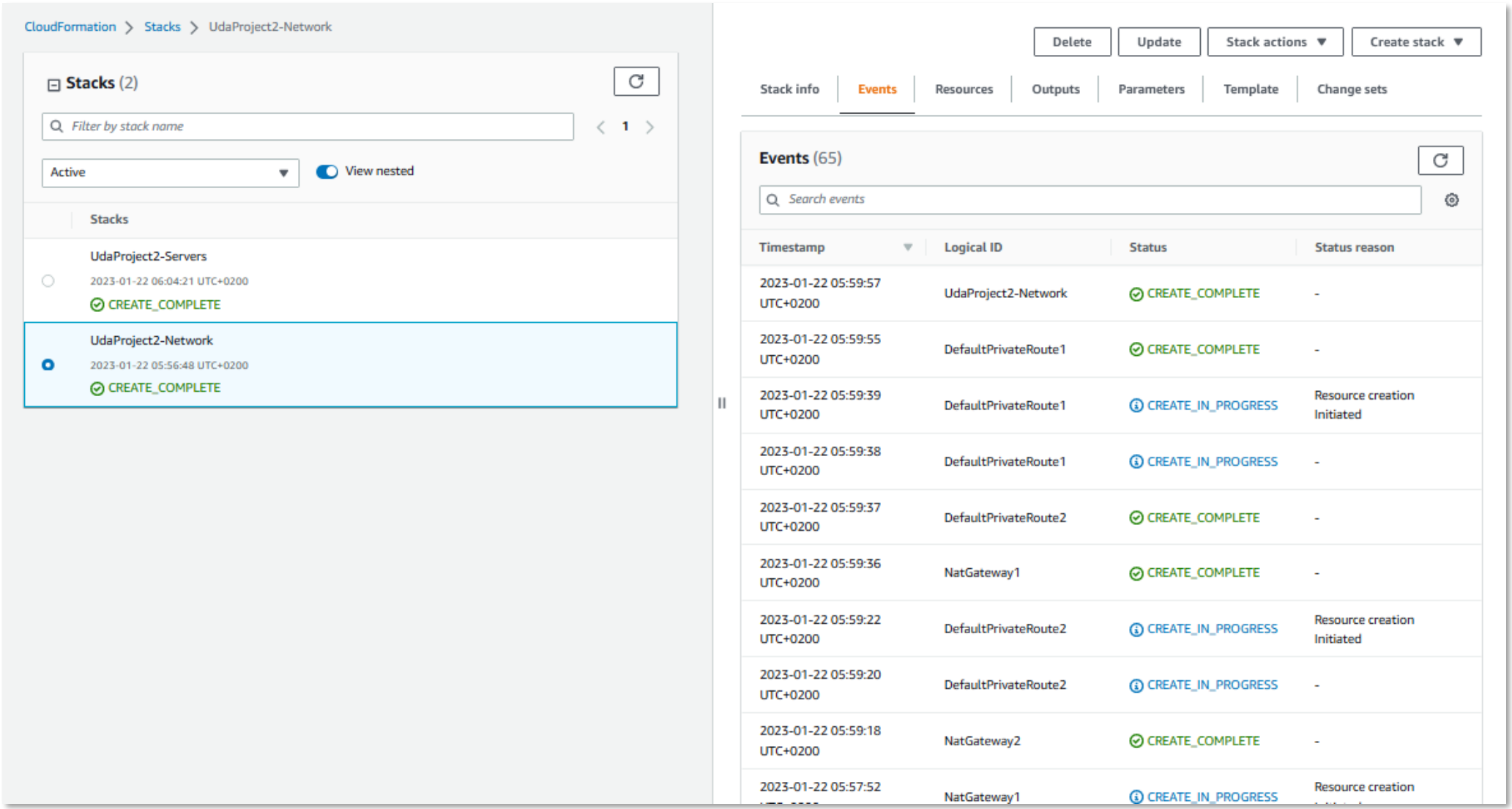
Udacity Project 2

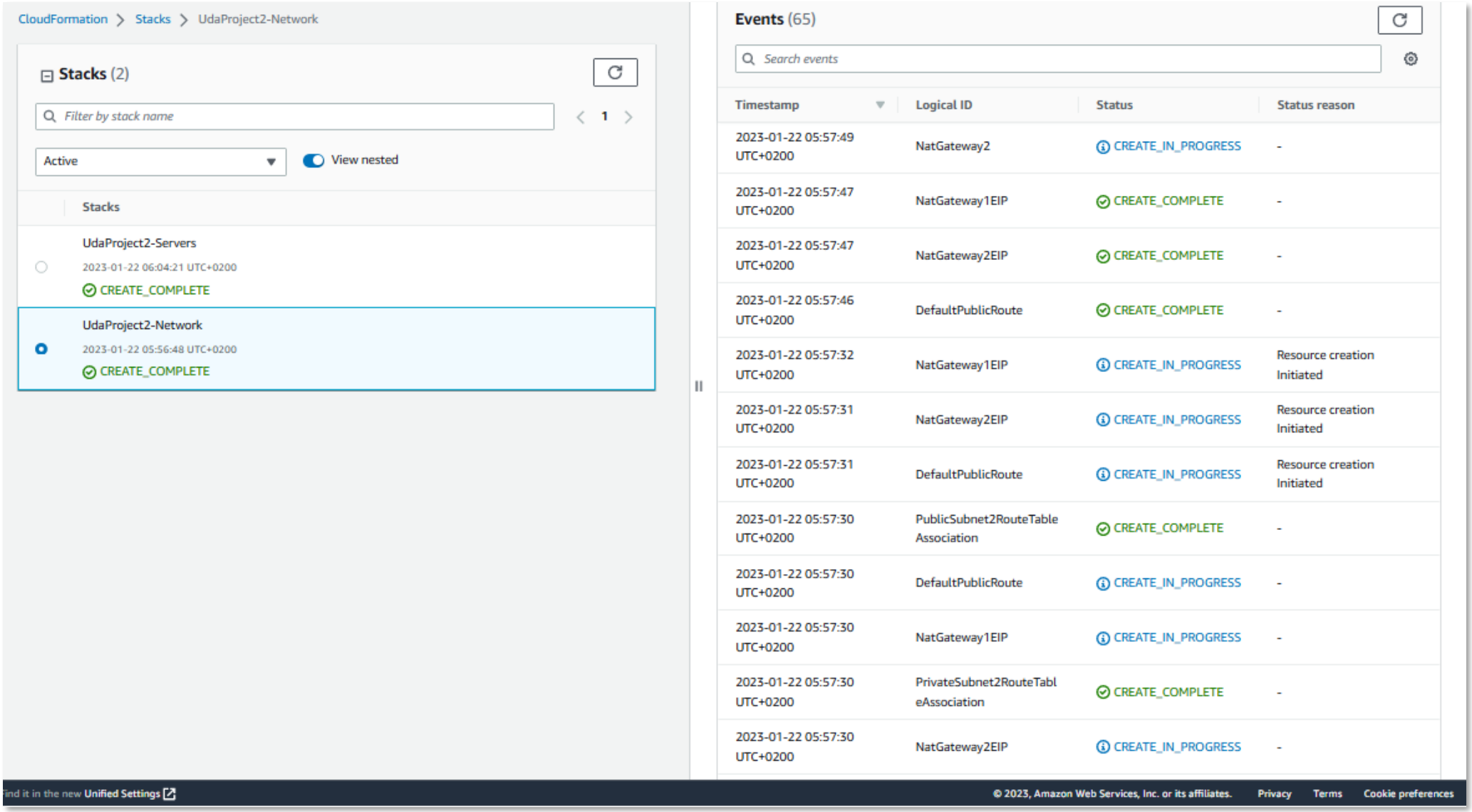
Deploy a high-availability web app using CloudFormation

Infrastructure Diagram




CloudFormation > Stacks
Stacks (2)
Delete
Update
Stack actions
Create stack
Filter by stack name
Active
View nested
1
Stack name
Status
Created time
Description
UdaProject2-Servers
CREATE_COMPLETE
2023-01-22 06:04:21 UTC+0200
Ahmed S.Mattar / Udacity Project-2 2023
UdaProject2-Network
CREATE_COMPLETE
2023-01-22 05:56:48 UTC+0200
Ahmed S. Mattar / Udacity Project-2 2023


CloudFormation > Stacks > UdaProject2-Network
Stacks (2)
Filter by stack name
1
Active
View nested
Stacks
UdaProject2-Servers
2023-01-22 06:04:21 UTC+0200
CREATE_COMPLETE
UdaProject2-Network
2023-01-22 05:56:48 UTC+0200
CREATE_COMPLETE
Delete
Update
Stack actions
Create stack
Stack info
Events
Resources
Outputs
Parameters
Template
Change sets
Events (65)
Search events
Timestamp
Logical ID
Status
Status reason
2023-01-22 05:59:57 UTC+0200
UdaProject2-Network
CREATE_COMPLETE
-
2023-01-22 05:59:55 UTC+0200
DefaultPrivateRoute1
CREATE_COMPLETE
-
2023-01-22 05:59:39 UTC+0200
DefaultPrivateRoute1
CREATE_IN_PROGRESS
Resource creation Initiated
2023-01-22 05:59:38 UTC+0200
DefaultPrivateRoute1
CREATE_IN_PROGRESS
-
2023-01-22 05:59:37 UTC+0200
DefaultPrivateRoute2
CREATE_COMPLETE
-
2023-01-22 05:59:36 UTC+0200
NatGateway1
CREATE_COMPLETE
-
2023-01-22 05:59:22 UTC+0200
DefaultPrivateRoute2
CREATE_IN_PROGRESS
Resource creation Initiated
2023-01-22 05:59:20 UTC+0200
DefaultPrivateRoute2
CREATE_IN_PROGRESS
-
2023-01-22 05:59:18 UTC+0200
NatGateway2
CREATE_COMPLETE
-
2023-01-22 05:57:52
NatGateway1
CREATE_IN_PROGRESS
Resource creation


CloudFormation > Stacks > UdaProject2-Network
Stacks (2)
Filter by stack name
1
Active
View nested
Stacks
UdaProject2-Servers
2023-01-22 06:04:21 UTC+0200
CREATE_COMPLETE
UdaProject2-Network
2023-01-22 05:56:48 UTC+0200
CREATE_COMPLETE
Events (65)
Search events
Timestamp
Logical ID
Status
Status reason
2023-01-22 05:57:49 UTC+0200
NatGateway2
CREATE_IN_PROGRESS
-
2023-01-22 05:57:47 UTC+0200
NatGateway1EIP
CREATE_COMPLETE
-
2023-01-22 05:57:47 UTC+0200
NatGateway2EIP
CREATE_COMPLETE
-
2023-01-22 05:57:46 UTC+0200
DefaultPublicRoute
CREATE_COMPLETE
-
2023-01-22 05:57:32 UTC+0200
NatGateway1EIP
CREATE_IN_PROGRESS
Resource creation Initiated
2023-01-22 05:57:31 UTC+0200
NatGateway2EIP
CREATE_IN_PROGRESS
Resource creation Initiated
2023-01-22 05:57:31 UTC+0200
DefaultPublicRoute
CREATE_IN_PROGRESS
Resource creation Initiated
2023-01-22 05:57:30 UTC+0200
PublicSubnet2RouteTableAssociation
CREATE_COMPLETE
-
2023-01-22 05:57:30 UTC+0200
DefaultPublicRoute
CREATE_IN_PROGRESS
-
2023-01-22 05:57:30 UTC+0200
NatGateway1EIP
CREATE_IN_PROGRESS
-
2023-01-22 05:57:30 UTC+0200
PrivateSubnet2RouteTableAssociation
CREATE_COMPLETE
-
2023-01-22 05:57:30 UTC+0200
NatGateway2EIP
CREATE_IN_PROGRESS
-
Find it in the new Unified Settings
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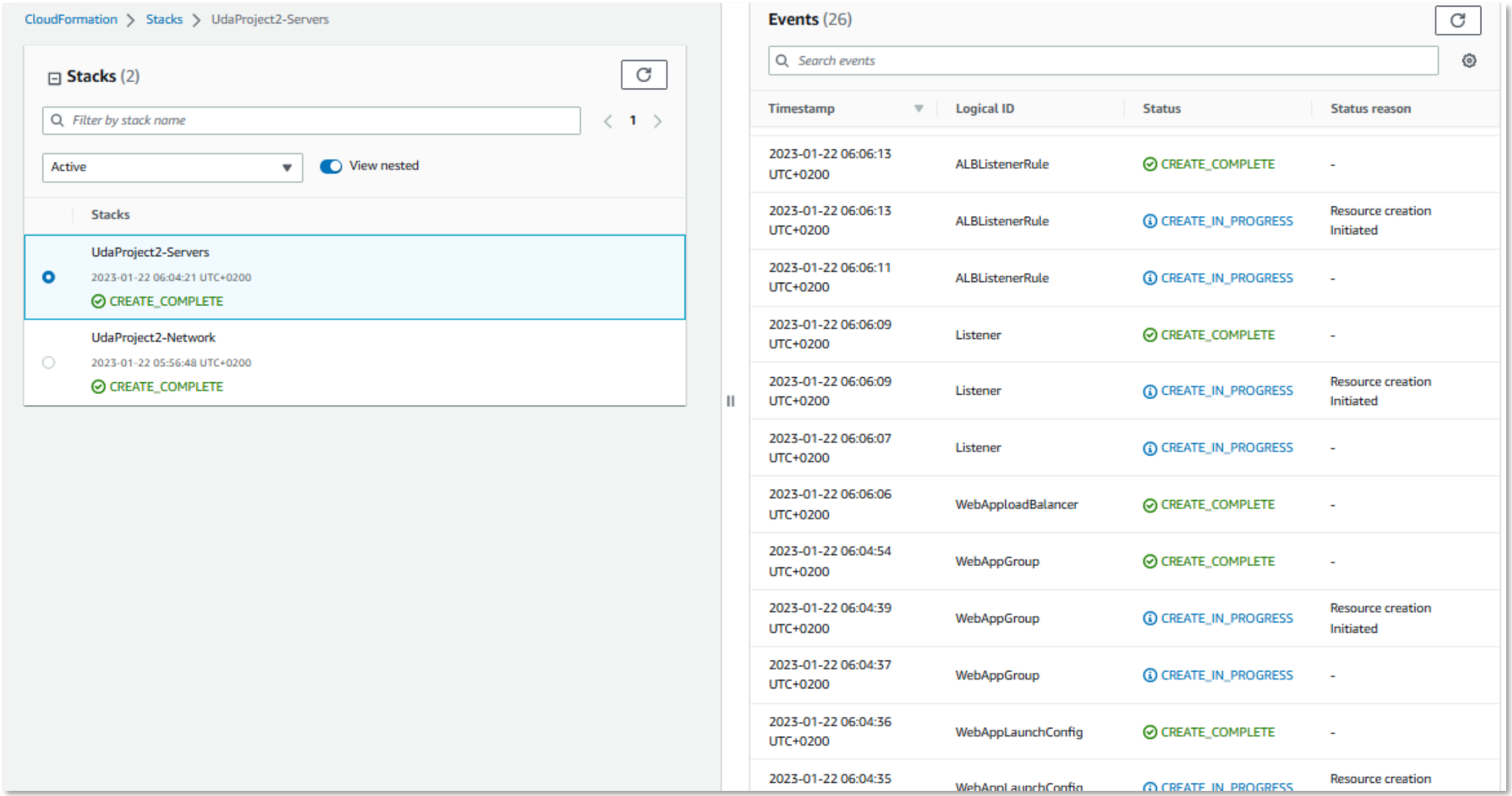
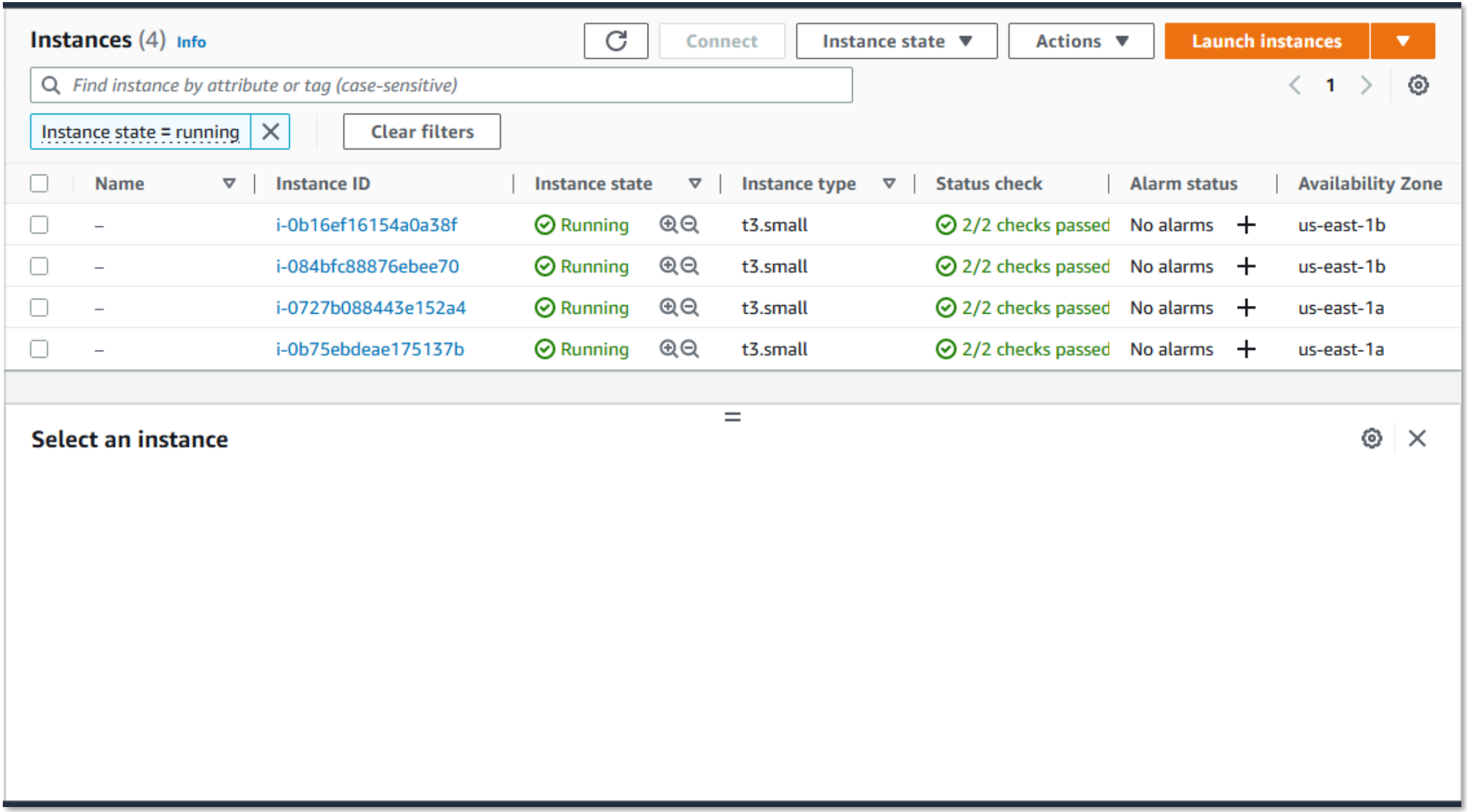
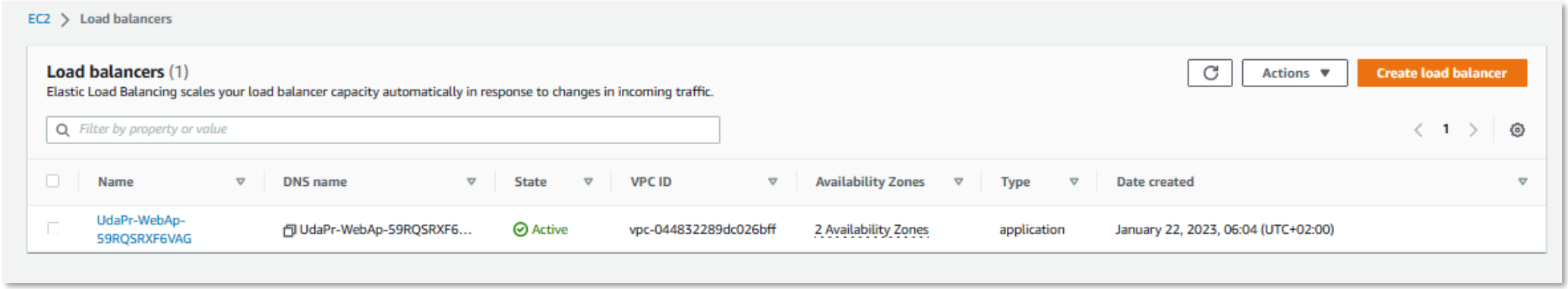
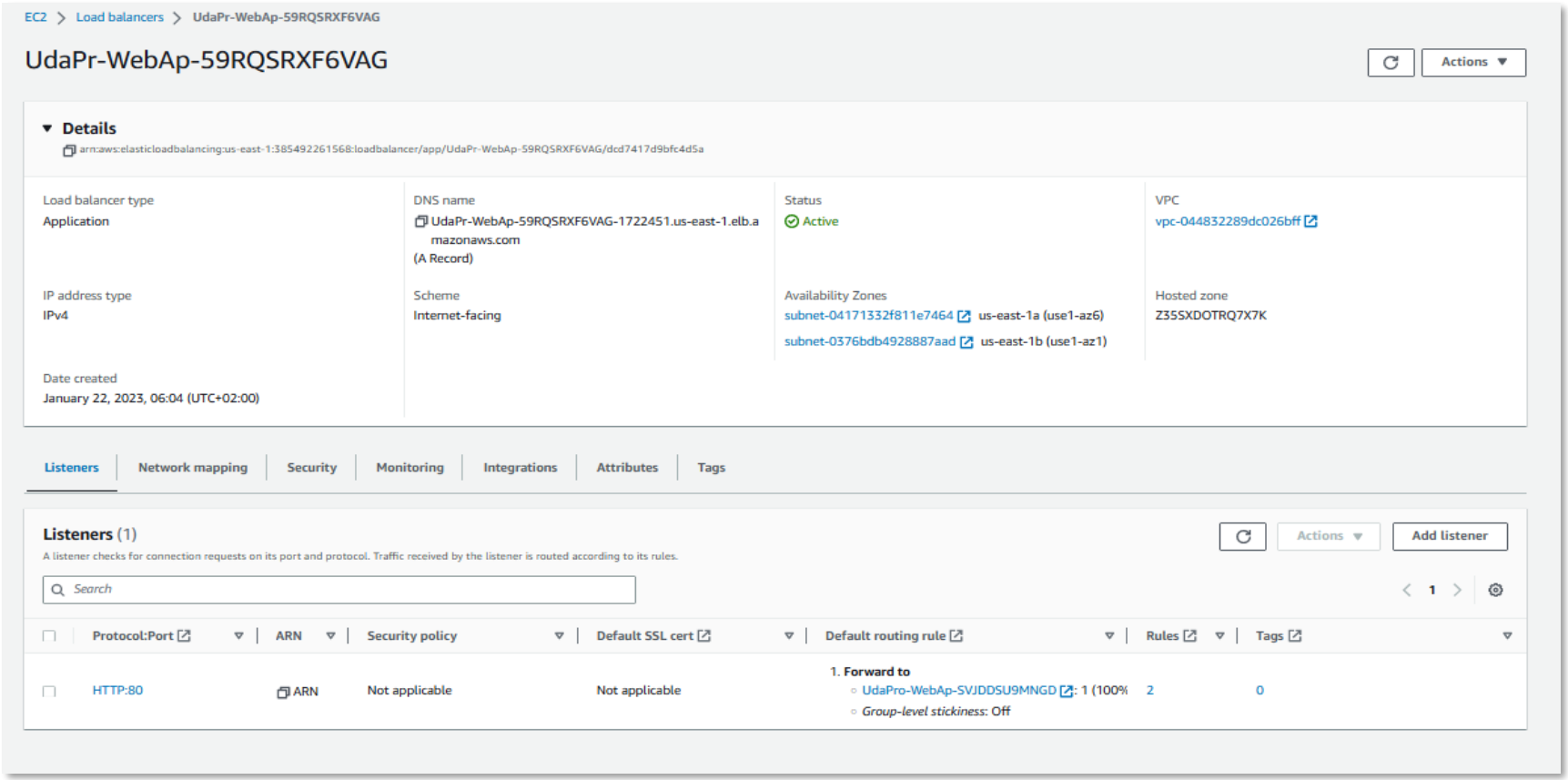
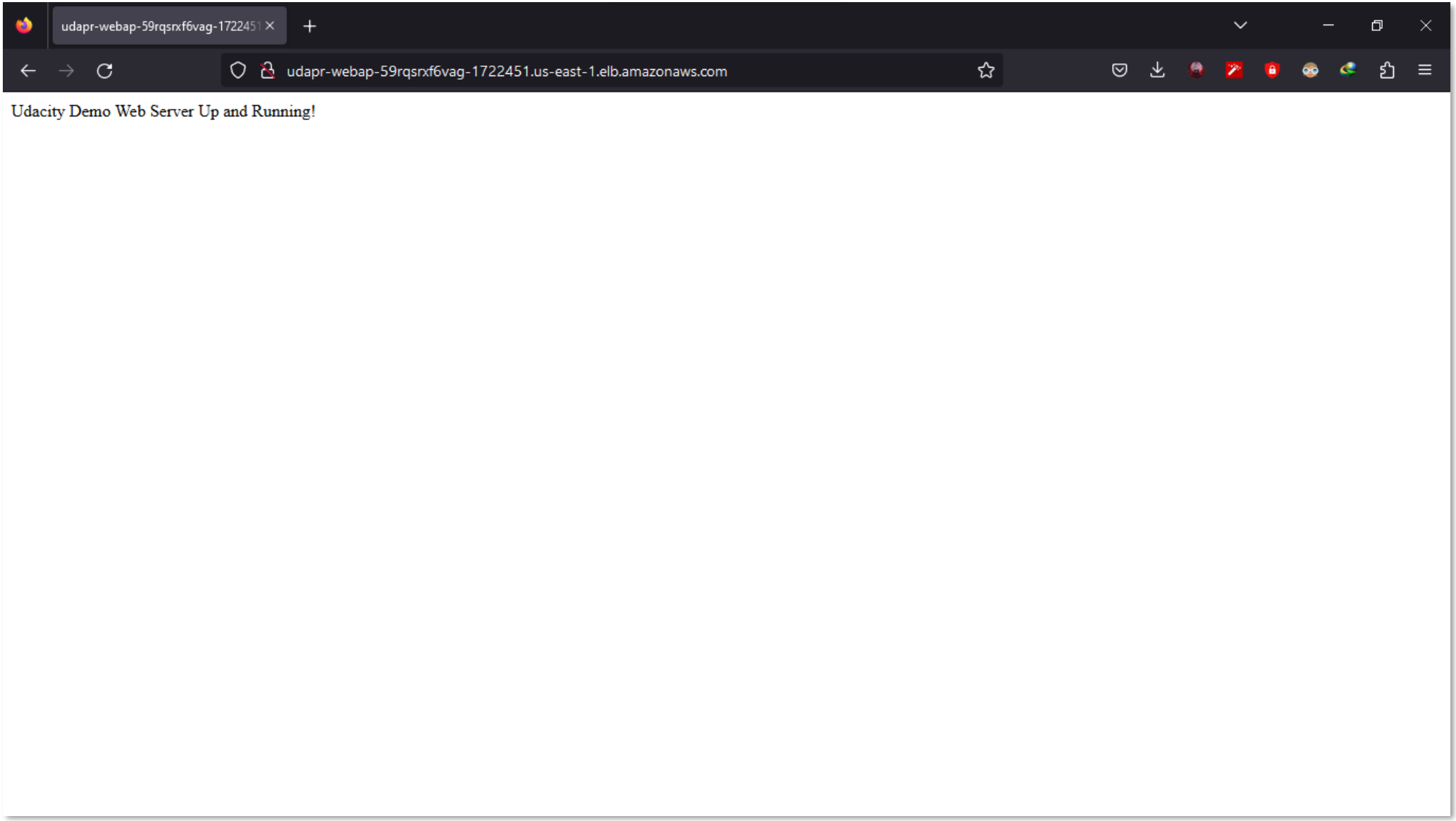

CloudFormation > Stacks > UdaProject2-Servers
Stacks (2)
Filter by stack name
1
Active
View nested
Stacks
UdaProject2-Servers
2023-01-22 06:04:21 UTC+0200
CREATE_COMPLETE
UdaProject2-Network
2023-01-22 05:56:48 UTC+0200
CREATE_COMPLETE
Events (26)
Search events
Timestamp
Logical ID
Status
Status reason
2023-01-22 06:06:13 UTC+0200
ALBListenerRule
CREATE_COMPLETE
-
2023-01-22 06:06:13 UTC+0200
ALBListenerRule
CREATE_IN_PROGRESS
Resource creation Initiated
2023-01-22 06:06:11 UTC+0200
ALBListenerRule
CREATE_IN_PROGRESS
-
2023-01-22 06:06:09 UTC+0200
Listener
CREATE_COMPLETE
-
2023-01-22 06:06:09 UTC+0200
Listener
CREATE_IN_PROGRESS
Resource creation Initiated
2023-01-22 06:06:07 UTC+0200
Listener
CREATE_IN_PROGRESS
-
2023-01-22 06:06:06 UTC+0200
WebApploadBalancer
CREATE_COMPLETE
-
2023-01-22 06:04:54 UTC+0200
WebAppGroup
CREATE_COMPLETE
-
2023-01-22 06:04:39 UTC+0200
WebAppGroup
CREATE_IN_PROGRESS
Resource creation Initiated
2023-01-22 06:04:37 UTC+0200
WebAppGroup
CREATE_IN_PROGRESS
-
2023-01-22 06:04:36 UTC+0200
WebAppLaunchConfig
CREATE_COMPLETE
-
2023-01-22 06:04:35
WebAppLaunchConfig
CREATE_IN_PROGRESS
Resource creation


Instances (4) Info
Connect
Instance state
Actions
Launch instances
Find instance by attribute or tag (case-sensitive)
1
Instance state = running
Clear filters
Name
Instance ID
Instance state
Instance type
Status check
Alarm status
Availability Zone
– i-0b16ef16154a0a38f Running t3.small 2/2 checks passed No alarms us-east-1b
– i-084bfc88876ebee70 Running t3.small 2/2 checks passed No alarms us-east-1b
– i-0727b088443e152a4 Running t3.small 2/2 checks passed No alarms us-east-1a
– i-0b75ebdeae175137b Running t3.small 2/2 checks passed No alarms us-east-1a
Select an instance


EC2 > Load balancers
Load balancers (1)
Elastic Load Balancing scales your load balancer capacity automatically in response to changes in incoming traffic.
Actions
Create load balancer
Filter by property or value
1
Name
DNS name
State
VPC ID
Availability Zones
Type
Date created
UdaPr-WebAp-59RQSRXF6VAG
UdaPr-WebAp-59RQSRXF6...
Active
vpc-044832289dc026bff
2 Availability Zones
application
January 22, 2023, 06:04 (UTC+02:00)


EC2 > Load balancers > UdaPr-WebAp-59RQSRXF6VAG
UdaPr-WebAp-59RQSRXF6VAG
Actions
Details
arn:aws:elasticloadbalancing:us-east-1:385492261568:loadbalancer/app/UdaPr-WebAp-59RQSRXF6VAG/dcd7417d9bfc4d5a
Load balancer type
Application
DNS name
UdaPr-WebAp-59RQSRXF6VAG-1722451.us-east-1.elb.amazonaws.com
(A Record)
Status
Active
VPC
vpc-044832289dc026bff
IP address type
IPv4
Scheme
Internet-facing
Availability Zones
subnet-04171332f811e7464 us-east-1a (use1-az6)
subnet-0376bdb4928887aad us-east-1b (use1-az1)
Hosted zone
Z35SXDOTRQ7X7K
Date created
January 22, 2023, 06:04 (UTC+02:00)
Listeners
Network mapping
Security
Monitoring
Integrations
Attributes
Tags
Listeners (1)
A listener checks for connection requests on its port and protocol. Traffic received by the listener is routed according to its rules.
Actions
Add listener
Search
1
Protocol:Port
ARN
Security policy
Default SSL cert
Default routing rule
Rules
Tags
HTTP:80
ARN
Not applicable
Not applicable
1. Forward to
UdaPro-WebAp-SVJDDSU9MNGD: 1 (100%
Group-level stickiness: Off
2
0



Link: http://udapr-webap-59rqsrxf6vag-1722451.us-east-1.elb.amazonaws.com/