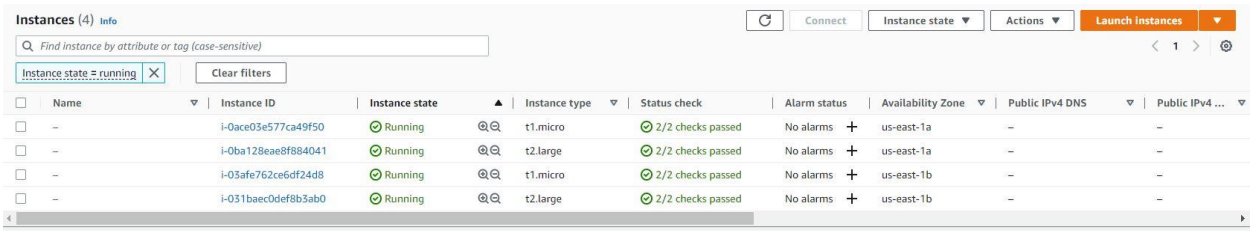
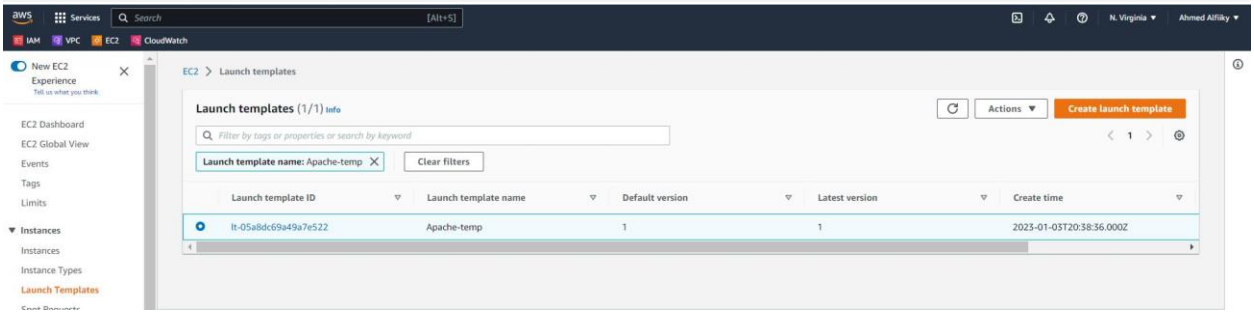
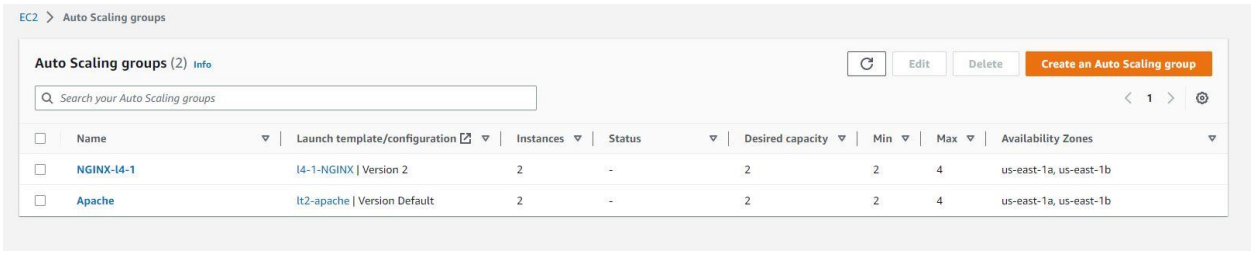
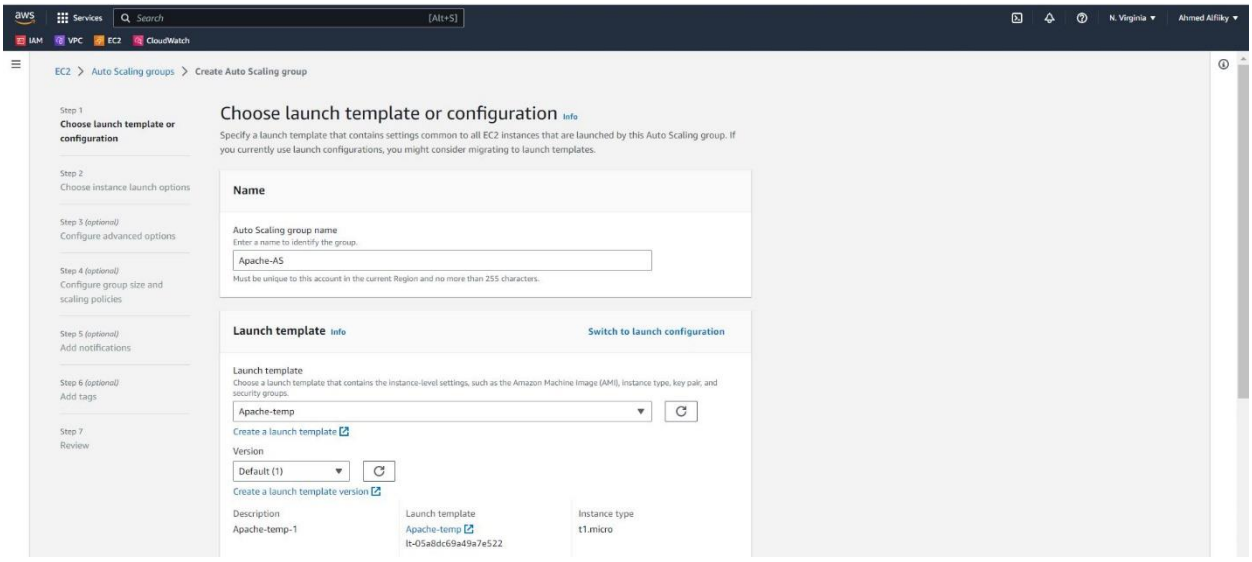

Instances (4) Info
Connect
Instance state
Actions
Launch instances
Find instance by attribute or tag (case-sensitive)
Instance state = running
Clear filters
Name
Instance ID
Instance state
Instance type
Status check
Alarm status
Availability Zone
Public IPv4 DNS
Public IPv4 ...
i-0ace03e577ca49f50 Running t1.micro 2/2 checks passed No alarms us-east-1a
i-0ba128eae8f884041 Running t2.large 2/2 checks passed No alarms us-east-1a
i-03afe762ce6df24d8 Running t1.micro 2/2 checks passed No alarms us-east-1b
i-031baec0def8b3ab0 Running t2.large 2/2 checks passed No alarms us-east-1b


Services
Search
[Alt+S]
IAM
VPC
EC2
CloudWatch
N. Virginia
Ahmed Alfiky
New EC2 Experience
EC2 Dashboard
EC2 Global View
Events
Tags
Limits
Instances
Instances
Instance Types
Launch Templates
EC2 > Launch templates
Launch templates (1/1) Info
Actions
Create launch template
Filter by tags or properties or search by keyword
Launch template name: Apache-temp
Clear filters
Launch template ID
Launch template name
Default version
Latest version
Create time
lt-05a8dc69a49a7e522 Apache-temp 1 1 2023-01-03T20:38:36.000Z


EC2 > Auto Scaling groups
Auto Scaling groups (2) Info
Edit
Delete
Create an Auto Scaling group
Search your Auto Scaling groups
Name
Launch template/configuration
Instances
Status
Desired capacity
Min
Max
Availability Zones
NGINX-l4-1 l4-1-NGINX | Version 2 2 - 2 2 4 us-east-1a, us-east-1b
Apache lt2-apache | Version Default 2 - 2 2 4 us-east-1a, us-east-1b

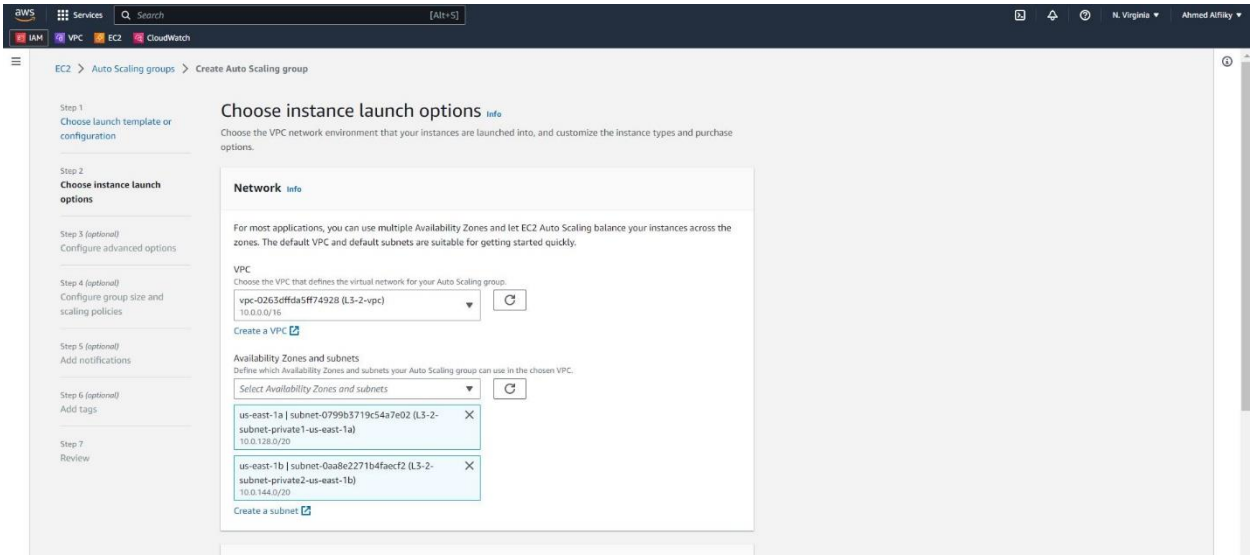

Services
Search
[Alt+S]
IAM
VPC
EC2
CloudWatch
N. Virginia
Ahmed Alfiky
EC2 > Auto Scaling groups > Create Auto Scaling group
Step 1 Choose launch template or configuration
Step 2 Choose instance launch options
Step 3 (optional) Configure advanced options
Step 4 (optional) Configure group size and scaling policies
Step 5 (optional) Add notifications
Step 6 (optional) Add tags
Step 7 Review
Choose launch template or configuration Info
Specify a launch template that contains settings common to all EC2 instances that are launched by this Auto Scaling group. If you currently use launch configurations, you might consider migrating to launch templates.
Name
Auto Scaling group name
Enter a name to identify the group.
Apache-AS
Must be unique to this account in the current Region and no more than 255 characters.
Launch template Info
Switch to launch configuration
Launch template
Choose a launch template that contains the instance-level settings, such as the Amazon Machine Image (AMI), instance type, key pair, and security groups.
Apache-temp
Create a launch template
Version
Default (1)
Create a launch template version
Description
Apache-temp-1
Launch template
Apache-temp
lt-05a8dc69a49a7e522
Instance type
t1.micro

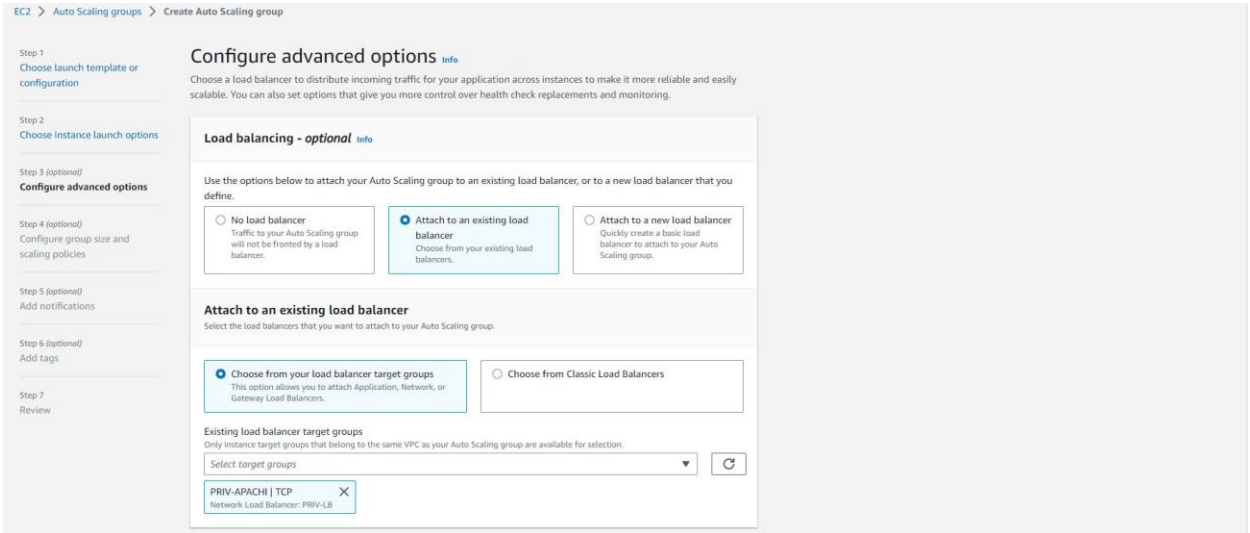
\

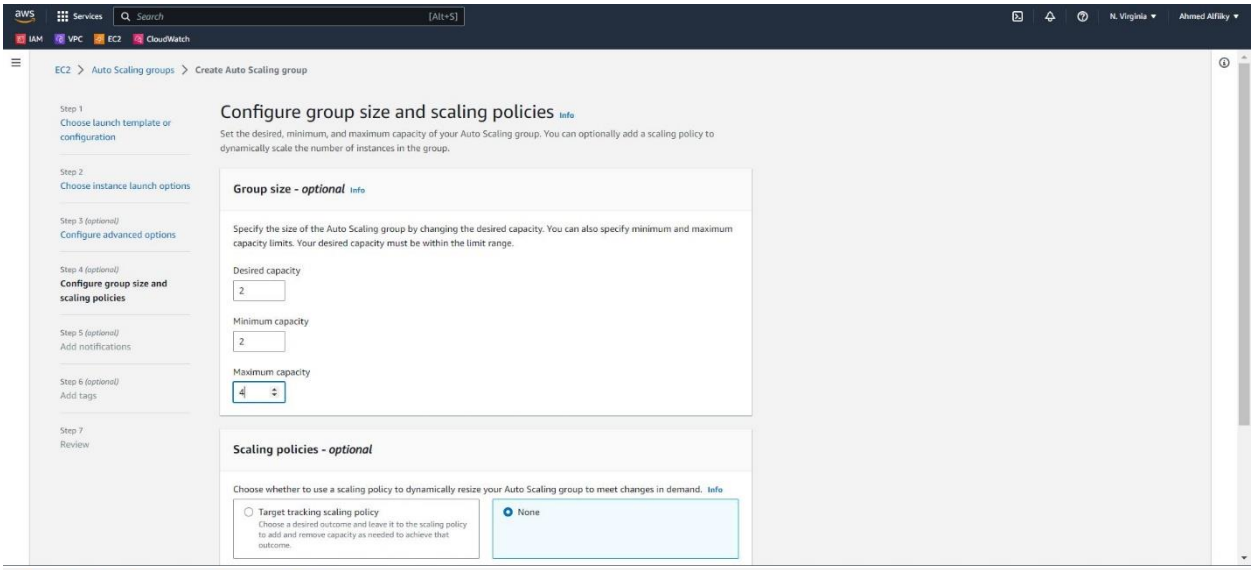
System log

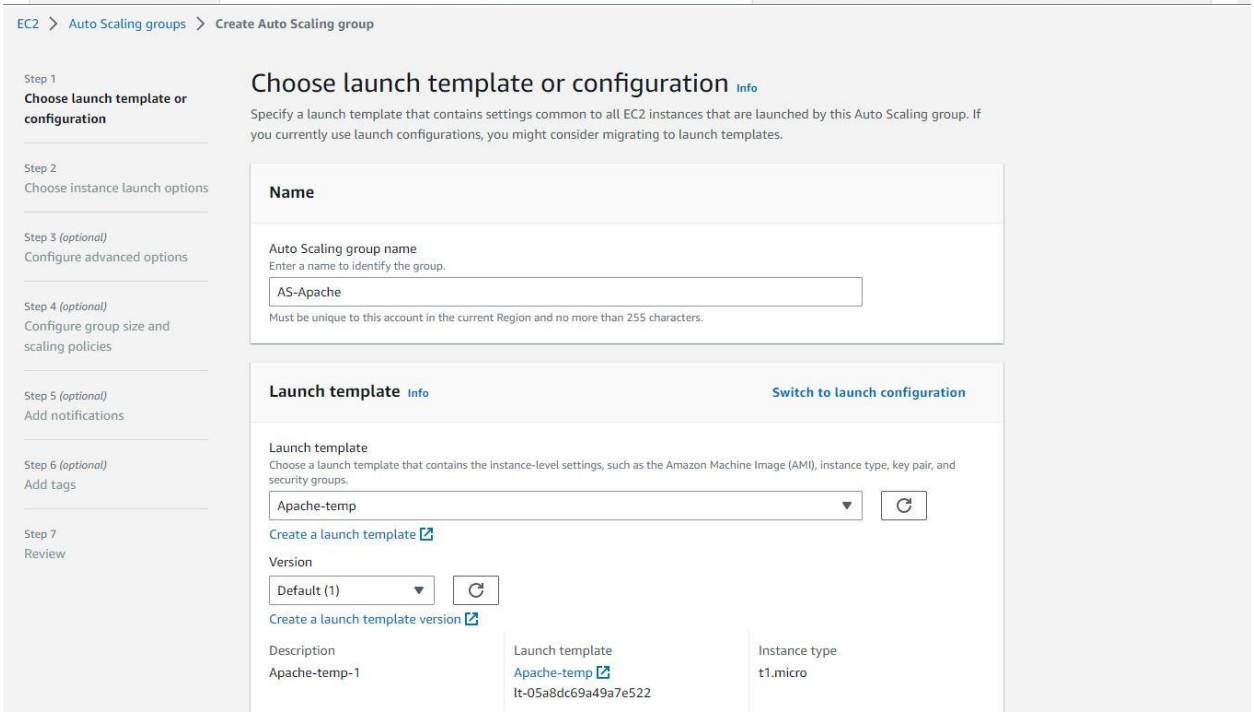
Review system log for instance i-07e9e69187bda17cc as of Wed Jan 04 2023 22:10:35 GMT+0200 (Eastern European Standard Time)

```
[  OK  ] Started LSB: Bring up/down networking.
[  OK  ] Reached target Network.
         Starting The Apache HTTP Server...
         Starting Postfix Mail Transport Agent...
         Starting Initial cloud-init job (metadata service crawler)...
[    5.807719] xfs filesystem being remounted at /tmp supports timestamps until 2038 (0x7fffffff)
[    5.820564] xfs filesystem being remounted at /var/tmp supports timestamps until 2038 (0x7fffffff)
[  OK  ] Started The Apache HTTP Server.
[    5.978504] cloud-init[2951]: Cloud-init v. 19.3-46.amzn2 running 'init' at Wed, 04 Jan 2023 20:06:53 +0000. Up 5.93 seconds.
[    6.007166] cloud-init[2951]: ci-info: ++++++++++++++++++++++++++++++++++++++Net device info++++++++++++++++++++++++++++++++++++++
[    6.007383] cloud-init[2951]: ci-info: +--------+------+----------------------------+---------------+--------+-------------------+
[    6.007512] cloud-init[2951]: ci-info: | Device |  Up  |          Address           |      Mask     | Scope  |     Hw-Address    |
[    6.007626] cloud-init[2951]: ci-info: +--------+------+----------------------------+---------------+--------+-------------------+
[    6.007733] cloud-init[2951]: ci-info: |  eth0  | True |         10.0.2.202         | 255.255.240.0 | global | 0e:30:c4:4e:9a:99 |
[    6.007852] cloud-init[2951]: ci-info: |  eth0  | True | fe80::c30:c4ff:fe4e:9a99/64 |       .       |  link  | 0e:30:c4:4e:9a:99 |
[    6.007965] cloud-init[2951]: ci-info: |   lo   | True |         127.0.0.1          |   255.0.0.0   |  host  |         .         |
[    6.008077] cloud-init[2951]: ci-info: |   lo   | True |          ::1/128           |       .       |  host  |         .         |
[    6.008193] cloud-init[2951]: ci-info: +--------+------+----------------------------+---------------+--------+-------------------+
[    6.008326] cloud-init[2951]: ci-info: ++++++++++++++++++++++++++++++Route IPv4 info++++++++++++++++++++++++++++++
[    6.008435] cloud-init[2951]: ci-info: +-------+-----------------+---------+-----------------+-----------+-------+
```






aws
Services
Search
[Alt+S]
IAM
VPC
EC2
CloudWatch
N. Virginia
Ahmed Alfiky
EC2 > Auto Scaling groups > Create Auto Scaling group
Step 1
Choose launch template or configuration
Step 2
Choose instance launch options
Step 3 (optional)
Configure advanced options
Step 4 (optional)
Configure group size and scaling policies
Step 5 (optional)
Add notifications
Step 6 (optional)
Add tags
Step 7
Review
Configure group size and scaling policies Info
Set the desired, minimum, and maximum capacity of your Auto Scaling group. You can optionally add a scaling policy to dynamically scale the number of instances in the group.
Group size - optional Info
Specify the size of the Auto Scaling group by changing the desired capacity. You can also specify minimum and maximum capacity limits. Your desired capacity must be within the limit range.
Desired capacity
2
Minimum capacity
2
Maximum capacity
4
Scaling policies - optional
Choose whether to use a scaling policy to dynamically resize your Auto Scaling group to meet changes in demand. Info
Target tracking scaling policy
Choose a desired outcome and leave it to the scaling policy to add and remove capacity as needed to achieve that outcome.
None


EC2 > Auto Scaling groups > Create Auto Scaling group
Step 1
Choose launch template or configuration
Step 2
Choose instance launch options
Step 3 (optional)
Configure advanced options
Step 4 (optional)
Configure group size and scaling policies
Step 5 (optional)
Add notifications
Step 6 (optional)
Add tags
Step 7
Review
Choose launch template or configuration Info
Specify a launch template that contains settings common to all EC2 instances that are launched by this Auto Scaling group. If you currently use launch configurations, you might consider migrating to launch templates.
Name
Auto Scaling group name
Enter a name to identify the group.
AS-Apache
Must be unique to this account in the current Region and no more than 255 characters.
Launch template Info
Switch to launch configuration
Launch template
Choose a launch template that contains the instance-level settings, such as the Amazon Machine Image (AMI), instance type, key pair, and security groups.
Apache-temp
Create a launch template
Version
Default (1)
Create a launch template version
Description
Apache-temp-1
Launch template
Apache-temp
lt-05a8dc69a49a7e522
Instance type
t1.micro