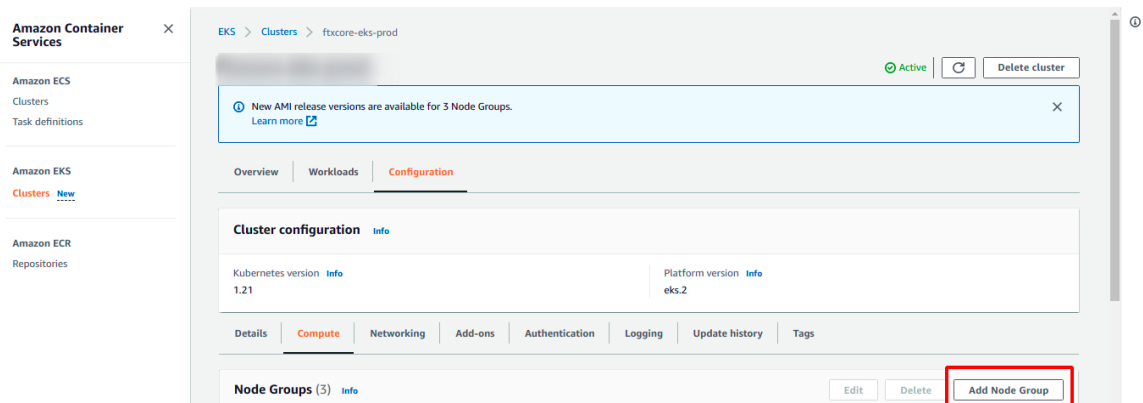


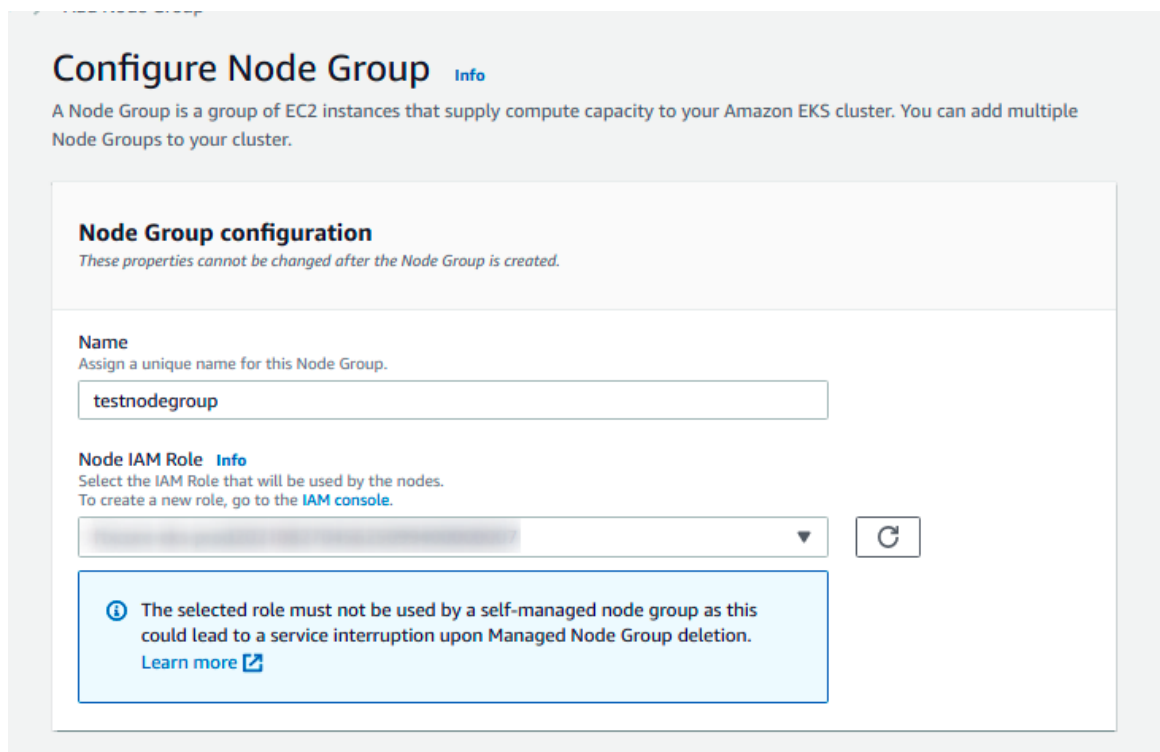
# AWS: How to add node groups in EKS

## Steps

- Sign in to an AWS Console
- Go to EKS menu
- Go to Configuration
- Select Compute
- Click On add node group



- Configure node group as per your need, here's an example of it.



- Set Compute and Scaling configuration.

## Set compute and scaling configuration

### Node Group compute configuration

*These properties cannot be changed after the Node Group is created.*

#### AMI type [Info](#)

Select the EKS-optimized Amazon Machine Image for nodes.

Amazon Linux 2 (AL2\_x86\_64)

#### Capacity type

Select the capacity purchase option for this Node Group.

On-Demand

#### Instance types [Info](#)

Select instance types you prefer for this Node Group.

Select

t3.medium

vCPU: Up to 2 vCPUs    memory: 4.0 GiB

#### Disk size

Select the size of the attached EBS volume for each node.

20

GiB

### Node Group scaling configuration

#### Minimum size

Set the minimum number of nodes that the group can scale in to.

2

nodes

Minimum node size must be greater than or equal to 0

#### Maximum size

Set the maximum number of nodes that the group can scale out to.

2

nodes

Maximum node size must be greater than or equal to 1 and cannot be lower than the minimum size

#### Desired size

Set the desired number of nodes that the group should launch with initially.

2

nodes

Desired node size must be greater than or equal to 0

### Node Group update configuration

#### Maximum unavailable

Set the maximum number or percentage of unavailable nodes to be tolerated during the node group version update.

☒ Number

Enter a number

☐ Percentage

Specify a percentage

Value

1

node

Node count must be greater than 0.

Cancel

Previous

Next

- Set Networking Configuration.

Specify networking

Node Group network configuration

These properties cannot be changed after the Node Group is created.

Subnets

Info

Specify the subnets in your VPC where your nodes will run.

To create a new subnet, go to the corresponding page in the [VPC console](#).

Select subnets

subnet-

X

subnet-0

X

subnet-

X

☐

Configure SSH access to nodes

Info

Cancel

Previous

Next

- Review and create.

Node Group compute configuration

Capacity type

On-Demand

AMI type

Amazon Linux 2 (AL2\_x86\_64)

Instance types

t3.medium

Disk size

20

Node Group scaling configuration

Minimum size

2 nodes

Maximum size

2 nodes

Desired size

2 nodes

Node Group update configuration

Maximum unavailable

1 node

Step 3: Specify networking

Edit

Node Group network configuration

Subnets

subnet-

subnet-

subnet-

Configure SSH access to nodes

Disabled

Cancel

Previous

Create

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