

← → ↻ <https://console.aws.amazon.com/ec2/v2/home?region=us-east-1#Instances:sort=instanceId>

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All AWS Services

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- Storage & Content Delivery
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EC2

> Amazon Elastic Compute Cloud (EC2) provides resizable compute capacity in the cloud.

EC2 Container Service

Amazon ECS allows you to easily run and manage Docker containers across a cluster of Amazon EC2 instances.

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EC2 Dashboard
Events
Tags
Reports
Limits

Resources

You are using the following Amazon EC2 resources in the US East (N. Virginia) region:

| | |
|---------------------|--------------------|
| 3 Running Instances | 4 Elastic IPs |
| 0 Dedicated Hosts | 17 Snapshots |
| 12 Volumes | 0 Load Balancers |
| 22 Key Pairs | 28 Security Groups |
| 0 Placement Groups | |

Need fast, reliable, scalable, fully-managed message queuing? Try Amazon Simple Queue Service.

Create Instance

To start using Amazon EC2 you will want to launch a virtual server, known as an Amazon EC2 instance.

Launch Instance

Note: Your instances will launch in the US East (N. Virginia) region

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US East (N. Virginia)

- US West (N. California)
- US West (Oregon)
- EU (Ireland)
- EU (Frankfurt)
- Asia Pacific (Tokyo)
- Asia Pacific (Seoul)
- Asia Pacific (Singapore)
- Asia Pacific (Sydney)
- South America (São Paulo)

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AWS Services

EC2 Dashboard

- Events
- Tags
- Reports
- Limits
- INSTANCES
 - Instances
 - Spot Requests
 - Reserved Instances
 - Scheduled Instances
 - Commands
 - Dedicated Hosts
- IMAGES
 - AMIs
 - Bundle Tasks
- ELASTIC BLOCK STORE
 - Volumes

Resources

You are using the following Amazon EC2 resources in your account:

- 3 Running Instances
- 0 Dedicated Hosts
- 12 Volumes
- 22 Key Pairs
- 0 Placement Groups

Create Instance

To start using Amazon EC2 you will want to launch a new instance.

Launch Instance

Note: Your instances will launch in the US East (N. Virginia) region.

Service Health

AWS Services

Prachi M N. Virginia Support

1. Choose AMI 2. Choose Instance Type 3. Configure Instance 4. Add Storage 5. Tag Instance 6. Configure Security Group 7. Review

Step 1: Choose an Amazon Machine Image (AMI)

An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch your instance. You can select an AMI provided by AWS, our user community, or the AWS Marketplace; or you can select one of your own AMIs.

Quick Start

- My AMIs
- AWS Marketplace
- Community AMIs

Amazon Linux AMI 2016.09.1 (HVM), SSD Volume Type - ami-60b6c60a

The Amazon Linux AMI is an EBS-backed, AWS-supported image. The default image includes AWS command line tools, Python, Ruby, Perl, and Java. The repositories include Docker, PHP, MySQL, PostgreSQL, and other packages.

Root device type: ebs Virtualization type: hvm

Select

AWS Services

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1. Choose AMI 2. Choose Instance Type 3. Configure Instance 4. Add Storage 5. Tag Instance 6. Configure Security Group 7. Review

Step 2: Choose an Instance Type

Amazon EC2 provides a wide selection of instance types optimized to fit different use cases. Instances are virtual servers that can run applications. They have varying combinations of CPU, memory, storage, and networking capacity, and give you the flexibility to choose the appropriate mix of resources for your applications. Learn more about instance types and how they can meet your computing needs.

Filter by: All instance types Current generation Show/Hide Columns

Currently selected: t2.micro (Variable ECUs, 1 vCPU, 2.5 GB, Intel Xeon Family, 1 GB memory, EBS only)

| Family | Type | vCPUs | Memory (GB) | Instance Storage (GB) | EBS-Optimized Available | Network Performance |
|-----------------|-----------|-------|-------------|-----------------------|-------------------------|---------------------|
| General purpose | t2.nano | 1 | 0.5 | EBS only | - | Low to Moderate |
| General purpose | t2.micro | 1 | 1 | EBS only | - | Low to Moderate |
| General purpose | t2.small | 1 | 2 | EBS only | - | Low to Moderate |
| General purpose | t2.medium | 2 | 4 | EBS only | - | Low to Moderate |
| General purpose | t2.large | 2 | 8 | EBS only | - | Low to Moderate |
| General purpose | m4.large | 2 | 8 | EBS only | Yes | Moderate |

Next: Configure Instance Details

AWS

Services

Edit

1. Choose AMI

2. Choose Instance Type

3. Configure Instance

4. Add Storage

5. Tag Instance

6. Configure Security Group

7. Review

Step 3: Configure Instance Details

Configure the instance to suit your requirements. You can launch multiple instances from the same AMI, request Spot instances to take advantage of role to the instance, and more.

Number of instances

1

Launch into Auto Scaling Group

Purchasing option

☐ Request Spot instances

AWS

Services

Edit

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Purchasing option

☐ Request Spot instances

1

Network

Subnet

vpc-d5194fb0 (192.168.0.0/16) | Prachi_Test - VPC

Launch into EC2-Classic

vpc-621a5e07 (172.20.0.0/16) | POC_vpc

vpc-d5194fb0 (192.168.0.0/16) | Prachi_Test - VPC

vpc-8452bce0 (172.20.0.0/16) | POC_vpc

vpc-823e39e7 (172.22.0.0/16) | TVPC

vpc-4c51bf28 (10.0.0.0/16) | POC_vpc3

Create new VPC

Create new subnet

Auto-assign Public IP

☐

IAM role

None

Create new IAM role

AWS

Services

Edit

1. Choose AMI

2. Choose Instance Type

3. Configure Instance

4. Add Storage

5. Tag Instance

6. Configure Security Group

7. Review

Step 3: Configure Instance Details

Configure the instance to suit your requirements. You can launch multiple instances from the same AMI, request Spot instances to take advantage of the IAM role to the instance, and more.

Number of instances

1

Launch into Auto Scaling Group

Purchasing option

☐ Request Spot instances

1

Network

Subnet

subnet-b3e3d0ea(192.168.2.0/24) | Prachi_Test-Pt

subnet-0eeef779(192.168.3.0/24) | Prachi_Test_Public subnet 3 | us-east-1a

subnet-a94427de(192.168.1.0/24) | Prachi_Test- Public Subnet | us-east-1a

subnet-b3e3d0ea(192.168.2.0/24) | Prachi_Test-Public subnet2 | us-east-1b

Create new VPC

Create new subnet

Auto-assign Public IP

☐

IAM role

None

Create new IAM role

Shutdown behavior

Stop

Step 3: Configure Instance Details


Configure the instance to suit your requirements. You can launch multiple instances from the same AMI, request Spot instances to take advantage of the lower pricing, assign an access management role to the instance, and more.


Number of instances: 1 Launch into Auto Scaling Group

Purchasing option: ☐ Request Spot instances

Network: vpc-d5194fb0 (192.168.0.0/16) | Prachi_Test - VPC Create new VPC

Subnet: subnet-b3e3d0ea (192.168.2.0/24) | Prachi_Test-Pt Create new subnet
251 IP Addresses available

Auto-assign Public IP: Use subnet setting (Disable) 

IAM role:  Create new IAM role

Shutdown behavior: Stop

Step 3: Configure Instance Details

Auto-assign Public IP: Use subnet setting (Disable)

IAM role: None Create new IAM role

Shutdown behavior: Stop

Enable termination protection: ☒ Protect against accidental termination

Monitoring: ☐ Enable CloudWatch detailed monitoring
Additional charges apply.

Tenancy: Shared - Run a shared hardware instance 

Shared - Run a shared hardware instance
Dedicated - Run a Dedicated instance
Dedicated host - Launch this instance on a Dedicated host

Network interfaces

Step 3: Configure Instance Details

Configure the instance to suit your requirements. You can launch multiple instances from the same AMI, request Spot instances to take advantage of the lower pricing, assign an access management role to the instance, and more.

Number of instances: 1 Launch into Auto Scaling Group

Purchasing option: ☐ Request Spot instances

Network: vpc-d5194fb0 (192.168.0.0/16) | Prachi_Test - VPC Create new VPC

Subnet: subnet-b3e3d0ea (192.168.2.0/24) | Prachi_Test-Pt Create new subnet
251 IP Addresses available


Auto-assign Public IP: Use subnet setting (Disable)

IAM role: None Create new IAM role

Shutdown behavior: Stop

Enable termination protection: ☒ Protect against accidental termination

Monitoring: ☐ Enable CloudWatch detailed monitoring
Additional charges apply.

Tenancy: Shared - Run a shared hardware instance 

Shared - Run a shared hardware instance
Dedicated - Run a Dedicated instance
Dedicated host - Launch this instance on a Dedicated host

Cancel Previous Review and Launch Next: Add Storage

Launch Status



Your instances are now launching

The following instance launches have been initiated: i-4c2c3cff [Hide launch log](#)

| | |
|----------------------------|--------------------------|
| Creating security groups | Successful (sg-62d7d21b) |
| Authorizing inbound rules | Successful |
| Initiating launches | Successful |
| Applying tags | Successful |
| Launch initiation complete | |



Get notified of estimated charges

Create billing alerts to get an email notification when estimated charges on your AWS bill exceed an am

The screenshot displays the AWS Management Console interface for an EC2 instance. The left sidebar shows navigation options like EC2 Dashboard, INSTANCES, IMAGES, ELASTIC BLOCK STORE, and NETWORK & SECURITY. The main content area shows the instance details for 'Dev_Web Server 01' (ID: i-4c2c3cff). The instance is in a 'running' state, as indicated by the green circle icon in the 'Instance State' column. A red arrow points to the 'Private IP: 192.168.2.167' field. The 'Description' tab is selected, showing various instance attributes.

| Description | |
|-----------------------|--|
| Instance ID | i-4c2c3cff |
| Instance state | running |
| Instance type | t2.micro |
| Private DNS | ip-192-168-2-167.ec2.internal |
| Private IPs | 192.168.2.167 |
| Secondary private IPs | |
| VPC ID | vpc-d5194b0 |
| Subnet ID | subnet-b3e3d0ea |
| Network interfaces | eth0 |
| Source/dest. check | True |
| ClassicLink | - |
| EBS-optimized | False |
| Public DNS | - |
| Public IP | - |
| Elastic IP | - |
| Availability zone | us-east-1b |
| Security groups | Web Server SG - view rules |
| Scheduled events | No scheduled events |
| AMI ID | amazon-ami-hvm-2015.09.1.x86_64-gp2 (ami-60b6c80a) |
| Platform | - |
| IAM role | - |
| Key pair name | Dev Key |
| Owner | 016611290429 |
| Launch time | February 3, 2016 at 7:52:22 PM UTC+5:30 (less than one hour) |

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Supp

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US East (N. Virginia)

US West (N. California)

US West (Oregon)

EU (Ireland)

EU (Frankfurt)

Asia Pacific (Tokyo)

Asia Pacific (Seoul)

Asia Pacific (Singapore)

Asia Pacific (Sydney)

South America (São Paulo)

ent

ia) region:

: IPs

shots

Balancers

ity Groups

s an Amazon EC2 instance.

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