AWS Tutorial: Launch a VM

Step 1: Launch an Amazon EC2 Instance

ketplace; or you can select one of your own AMIs.

tering a search term e.g. "Windows"

|< < 1 to 36 of 36 AMIs > :

Amazon Linux
Free tier eligible

Amazon Linux 2 AMI (HVM), SSD Volume Type - ami-013be31976ca2c322

Amazon Linux 2 comes with five years support. It provides Linux kernel 4.14 tuned for optimal performance on Amazon EC2, systemd 219, GCC 7.3, Glibc 2.26, Binutils 2.29.1, and the latest software packages through extras.

Root device type: ebs   Virtualization type: hvm   ENA Enabled: Yes

Select
64-bit (x86)

Amazon Linux
Free tier eligible

Amazon Linux AMI 2018.03.0 (HVM), SSD Volume Type - ami-0ff8a91507f77f867

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   ENA Enabled: Yes

Select
64-bit (x86)

Red Hat
Free tier eligible

Red Hat Enterprise Linux 7.5 (HVM), SSD Volume Type - ami-6871a115

Red Hat Enterprise Linux version 7.5 (HVM), EBS General Purpose (SSD) Volume Type

Root device type: ebs   Virtualization type: hvm   ENA Enabled: Yes

Select
64-bit (x86)

SUSE Linux
Free tier eligible

SUSE Linux Enterprise Server 15 (HVM), SSD Volume Type - ami-06ea7729e394412c8

SUSE Linux Enterprise Server 15 (HVM), EBS General Purpose (SSD) Volume Type. Public Cloud, Advanced Systems Management, Web and Scripting, and Legacy modules enabled.

Root device type: ebs   Virtualization type: hvm   ENA Enabled: Yes

Select
64-bit (x86)

Free tier eligible

Ubuntu Server 18.04 LTS (HVM), SSD Volume Type - ami-0ac019f4fcb7cb7e6

Ubuntu Server 18.04 LTS (HVM),EBS General Purpose (SSD) Volume Type. Support available from Canonical (http://www.ubuntu.com/cloud/services).

Root device type: ebs   Virtualization type: hvm   ENA Enabled: Yes

Select
64-bit (x86)

Step 2: Configure your Instance

Launch Instance ▾   Connect   Actions ▾

⚗ ↻ ⚙ ❓

🔍 Filter by tags and attributes or search by keyword

❓ |< < 1 to 9 of 9 > >|

	Name	Instance ID	Instance Type	Availability Zone	Instance State	Status Checks	Alarm Status	Public DNS (IPv4)
☐	🖊	i-00d201c5f9866d6b5	t2.micro	us-east-1c	🟢 running	⏳ Initializing	None	ec2-18-234-49-87.com...

Instance: ▌ i-00d201c5f9866d6b5   **Public DNS:** ec2-18-234-49-87.compute-1.amazonaws.com

Description | Status Checks | Monitoring | Tags

Instance ID   i-00d201c5f9866d6b5
Instance state   running
Instance type   t2.micro
Elastic IPs
Availability zone   us-east-1c
Security groups   launch-wizard-5 . view inbound rules .

Public DNS (IPv4)   ec2-18-234-49-87.compute-1.amazonaws.com
IPv4 Public IP   18.234.49.87
IPv6 IPs   -
Private DNS   ip-172-31-34-89.ec2.internal
Private IPs   172.31.34.89
Secondary private IPs

Step 3: Connect to your Instance

```
[YimatoMacBook-Pro:~ yiqian$ cp ~/Downloads/KeyPair1.pem.txt ~/.ssh
[YimatoMacBook-Pro:~ yiqian$ chmod 400 ~/.ssh/KeyPair1.pem.txt
[YimatoMacBook-Pro:~ yiqian$ ssh -i ~/.ssh/KeyPair1.pem.txt ec2-user@18.234.49.87
The authenticity of host '18.234.49.87 (18.234.49.87)' can't be established.
ECDSA key fingerprint is SHA256:pbtSgH1meyrpjlPoB0ac1SJcpZCqh4r30kLPK8u0H8g.
Are you sure you want to continue connecting (yes/no)? yes
Warning: Permanently added '18.234.49.87' (ECDSA) to the list of known hosts.

      __|  __|_  )
      _|  (     /    Amazon Linux AMI
      ___|\___|___|

https://aws.amazon.com/amazon-linux-ami/2018.03-release-notes/
14 package(s) needed for security, out of 30 available
Run "sudo yum update" to apply all updates.
-bash: warning: setlocale: LC_CTYPE: cannot change locale (UTF-8): No such file
or directory
[ec2-user@ip-172-31-34-89 ~]$ 
```

Step 4: Terminate Your Instance