



us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#LaunchInstances:

ServicesSearch for services, features, blogs, docs, and more[Alt+S]

N. VirginiaCorestack_Role/mohit.verma2_mphasis @ 6474-1615-0237

Description

Amazon Linux 2 Kernel 5.10 AMI 2.0.20220912.1 x86_64

Architecture

ARM 64-bit (x86_64)

AMI ID

ami-026b57f3c383c2e

Instance type

12.micro

Family: A1 1 vCPU 1 GB Memory

On-Demand Linux pricing: 0.0195-1000 per month

On-Demand Windows pricing: 0.0162-1000 per hour

Key pair (login)

You can use a key pair to securely connect to your instance. Read the document.

Key pair name - required

Change

Please choose a key pair or choose the option to proceed with a new key pair.

Create key pair

We noticed that you didn't select a key pair. If you want to be able to connect to your instance it is recommended that you create one.

Key pairs allow you to connect to your instance securely.

Enter the name of the key pair below. When prompted, store the private key in a secure and accessible location on your computer. **You will need it later to connect to your instance.** [Learn more](#)

Create new key pair

Proceed without key pair

Key pair name

DemoELK

The name can include up to 255 ASCII characters. It can't include leading or trailing spaces.

Key pair type

☒ RSA

RSA encrypted private and public key pair

☐ ED25519

ED25519 encrypted private and public key pair (Not supported for Windows instances)

Private key file format

☒ .pem

For use with OpenSSH

☐ .ppk

Launch instance

Feedback

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Instances (1/1) Info

Find instance by attribute or tag (case-sensitive)

<input checked="" type="checkbox"/>	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 D
<input checked="" type="checkbox"/>	DemoELK	i-08ee1bc1f8be912f7	Running	t2.micro	-	No alarms +	us-east-1a	ec2-44-204-8-

Instance: i-08ee1bc1f8be912f7 (DemoELK)

Details Security Networking Storage Status checks Monitoring Tags

Instance summary Info

Instance ID i-08ee1bc1f8be912f7 (DemoELK)	Public IPv4 address 44.204.8.118 open address	Private IPv4 addresses 172.31.88.158
IPv6 address -	Instance state Running	Public IPv4 DNS ec2-44-204-8-118.compute-1.amazonaws.com open address
Hostname type IP name: ip-172-31-88-158.ec2.internal	Private IP DNS name (IPv4 only) ip-172-31-88-158.ec2.internal	Elastic IP addresses
Answer private resource DNS name ip-172-31-88-158.ec2.internal	Instance type t2.micro	

Feedback Looking for language selection? Find it in the new Unified Settings

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us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh?connType=standard&instanceId=i-08ee1bc1f8be912f7&osUser=ec2-user®ion=us-east-1&sshPort=22#

aws Services Search for services, features, blogs, docs, and more [Alt+S]

N. Virginia Corestack_Role/mohit.verma2_mphasis @ 6474-1615-0237

```

  _ _ _ _ _
 _ _ _ _ _ Amazon Linux 2 AMI
  _ _ _ _ _

https://aws.amazon.com/amazon-linux-2/
ec2-user@ip-172-31-88-158 ~]$
```

i-08ee1bc1f8be912f7 (DemoELK)

PublicIPs: 44.204.8.118 PrivateIPs: 172.31.88.158

Feedback Looking for language selection? Find it in the new Unified Settings

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ec2-user@ip-172-31-92-140:~

Using username "ec2-user".

Authenticating with public key "keyELk"

```
  _ | _ | )  
  _ | ( _ _ /  
  _ | \ _ | _ |  
Amazon Linux 2 AMI
```

<https://aws.amazon.com/amazon-linux-2/>

[ec2-user@ip-172-31-92-140 ~]\$ java -version

-bash: java: command not found

[ec2-user@ip-172-31-92-140 ~]\$ sudo yum -y install java-1.8.0-openjdk

Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
amzn2-core | 3.7 kB 00:00

Resolving Dependencies

--> Running transaction check

---> Package java-1.8.0-openjdk.x86_64 1:1.8.0.342.b07-1.amzn2.0.1 will be installed

--> Processing Dependency: java-1.8.0-openjdk-headless(x86-64) = 1:1.8.0.342.b07-1.amzn2.0.1 for package: 1:java-1.8.0-openjdk-1.8.0.342.b07-1.amzn2.0.1.x86_64

--> Processing Dependency: xorg-x11-fonts-Type1 for package: 1:java-1.8.0-openjdk-1.8.0.342.b07-1.amzn2.0.1.x86_64

--> Processing Dependency: libjvm.so(SUNWprivate_1.1) (64bit) for package: 1:java-1.8.0-openjdk-1.8.0.342.b07-1.amzn2.0.1.x86_64

--> Processing Dependency: libjava.so(SUNWprivate_1.1) (64bit) for package: 1:java-1.8.0-openjdk-1.8.0.342.b07-1.amzn2.0.1.x86_64

--> Processing Dependency: libasound.so.2(ALSA_0.9.0rc4) (64bit) for package: 1:java-1.8.0-openjdk-1.8.0.342.b07-1.amzn2.0.1.x86_64

--> Processing Dependency: libasound.so.2(ALSA_0.9) (64bit) for package: 1:java-1.8.0-openjdk-1.8.0.342.b07-1.amzn2.0.1.x86_64

--> Processing Dependency: libXcomposite(x86-64) for package: 1:java-1.8.0-openjdk-1.8.0.342.b07-1.amzn2.0.1.x86_64

--> Processing Dependency: gtk2(x86-64) for package: 1:java-1.8.0-openjdk-1.8.0.342.b07-1.amzn2.0.1.x86_64

--> Processing Dependency: fontconfig(x86-64) for package: 1:java-1.8.0-openjdk-1.8.0.342.b07-1.amzn2.0.1.x86_64

--> Processing Dependency: libjvm.so() (64bit) for package: 1:java-1.8.0-openjdk-1.8.0.342.b07-1.amzn2.0.1.x86_64

--> Processing Dependency: libjava.so() (64bit) for package: 1:java-1.8.0-openjdk-1.8.0.342.b07-1.amzn2.0.1.x86_64

--> Processing Dependency: libgif.so.4() (64bit) for package: 1:java-1.8.0-openjdk-1.8.0.342.b07-1.amzn2.0.1.x86_64

--> Processing Dependency: libasound.so.2() (64bit) for package: 1:java-1.8.0-openjdk-1.8.0.342.b07-1.amzn2.0.1.x86_64

--> Processing Dependency: libXtst.so.6() (64bit) for package: 1:java-1.8.0-openjdk-1.8.0.342.b07-1.amzn2.0.1.x86_64

```
libxshmfence.x86_64 0:1.2-1.amzn2.0.2  
libxslt.x86_64 0:1.1.28-6.amzn2  
lksctp-tools.x86_64 0:1.0.17-2.amzn2.0.2  
log4j-cve-2021-44228-hotpatch.noarch 0:1.3-7.amzn2  
mesa-libEGL.x86_64 0:18.3.4-5.amzn2.0.1  
mesa-libGL.x86_64 0:18.3.4-5.amzn2.0.1  
mesa-libgbm.x86_64 0:18.3.4-5.amzn2.0.1  
mesa-libglapi.x86_64 0:18.3.4-5.amzn2.0.1  
pango.x86_64 0:1.42.4-4.amzn2  
pcsc-lite-libs.x86_64 0:1.8.8-7.amzn2  
pixman.x86_64 0:0.34.0-1.amzn2.0.2  
python-javapackages.noarch 0:3.4.1-11.amzn2  
python-lxml.x86_64 0:3.2.1-4.amzn2.0.3  
ttmkfdir.x86_64 0:3.0.9-42.amzn2.0.2  
tzdata-java.noarch 0:2022c-1.amzn2  
xorg-x11-font-utils.x86_64 1:7.5-21.amzn2  
xorg-x11-fonts-Type1.noarch 0:7.5-9.amzn2
```

Complete!

[ec2-user@ip-172-31-92-140 ~]\$

ec2-user@ip-172-31-92-140:~

```
[ec2-user@ip-172-31-92-140 ~]$ java -version
openjdk version "1.8.0_342"
OpenJDK Runtime Environment (build 1.8.0_342-b07)
OpenJDK 64-Bit Server VM (build 25.342-b07, mixed mode)
[ec2-user@ip-172-31-92-140 ~]$
```

root@ip-172-31-92-140:~

```
[ec2-user@ip-172-31-92-140 ~]$ sudo su
[root@ip-172-31-92-140 ec2-user]# yum install -y
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
Error: Need to pass a list of pkgs to install
Mini usage:

install PACKAGE...

Install a package or packages on your system

aliases: install-n, install-na, install-nevra
[root@ip-172-31-92-140 ec2-user]# cd /root
[root@ip-172-31-92-140 ~]# wget https://download.elastic.co/elasticsearch/elasticsearch/elasticsearch-1.7.2.noarch.rpm
--2022-10-09 13:39:01-- https://download.elastic.co/elasticsearch/elasticsearch/elasticsearch-1.7.2.noarch.rpm
Resolving download.elastic.co (download.elastic.co)... 34.120.127.130, 2600:1901:0:1d7::
Connecting to download.elastic.co (download.elastic.co)|34.120.127.130|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 27304727 (26M) [binary/octet-stream]
Saving to: 'elasticsearch-1.7.2.noarch.rpm'

100%[=====] 27,304,727 31.8MB/s in 0.8s

2022-10-09 13:39:03 (31.8 MB/s) - 'elasticsearch-1.7.2.noarch.rpm' saved [27304727/27304727]

[root@ip-172-31-92-140 ~]# yum install elasticsearch-1.7.2.noarch.rpm -y
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
Examining elasticsearch-1.7.2.noarch.rpm: elasticsearch-1.7.2-1.noarch
Marking elasticsearch-1.7.2.noarch.rpm to be installed
Resolving Dependencies
--> Running transaction check
---> Package elasticsearch.noarch 0:1.7.2-1 will be installed
--> Finished Dependency Resolution
amzn2-core/2/x86_64 | 3.7 kB 00:00

Dependencies Resolved

=====
Package Arch Version Repository Size
=====
Installing:
elasticsearch noarch 1.7.2-1 /elasticsearch-1.7.2.noarch 30 M
Transaction Summary
=====
Install 1 Package
```

```

root@ip-172-31-92-140:~
2022-10-09 13:39:03 (31.8 MB/s) - 'elasticsearch-1.7.2.noarch.rpm' saved [273047
27/27304727]

[root@ip-172-31-92-140 ~]# yum install elasticsearch-1.7.2.noarch.rpm -y
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
Examining elasticsearch-1.7.2.noarch.rpm: elasticsearch-1.7.2-1.noarch
Marking elasticsearch-1.7.2.noarch.rpm to be installed
Resolving Dependencies
--> Running transaction check
--> Package elasticsearch.noarch 0:1.7.2-1 will be installed
--> Finished Dependency Resolution
amzn2-core/2/x86_64 | 3.7 kB 00:00

Dependencies Resolved

=====
Package Arch Version Repository Size
=====
Installing:
elasticsearch noarch 1.7.2-1 /elasticsearch-1.7.2.noarch 30 M
Transaction Summary
=====
Install 1 Package

Total size: 30 M
Installed size: 30 M
Downloading packages:
Running transaction check
Running transaction test
Transaction test succeeded
Running transaction
Creating elasticsearch group... OK
Creating elasticsearch user... OK
Installing : elasticsearch-1.7.2-1.noarch 1/1
### NOT starting on installation, please execute the following statements to con
figure elasticsearch service to start automatically using systemd
sudo systemctl daemon-reload
sudo systemctl enable elasticsearch.service
### You can start elasticsearch service by executing
sudo systemctl start elasticsearch.service
Verifying : elasticsearch-1.7.2-1.noarch 1/1

Installed:
elasticsearch.noarch 0:1.7.2-1

Complete!
[root@ip-172-31-92-140 ~]# rm -f elasticsearch-1.7.2.noarch.rpm

```

```

root@ip-172-31-92-140:~
[root@ip-172-31-92-140 ~]# service elasticsearch start
Starting elasticsearch (via systemctl): [ OK ]
[root@ip-172-31-92-140 ~]#

```

```
root@ip-172-31-92-140:~  
[root@ip-172-31-92-140 ~]# service elasticsearch start  
Starting elasticsearch (via systemctl): [ OK ]  
[root@ip-172-31-92-140 ~]#  
[root@ip-172-31-92-140 ~]# sudo chkconfig --add elasticsearch  
[root@ip-172-31-92-140 ~]#
```

```
root@ip-172-31-92-140:~  
[root@ip-172-31-92-140 ~]# service elasticsearch start  
Starting elasticsearch (via systemctl): [ OK ]  
[root@ip-172-31-92-140 ~]#  
[root@ip-172-31-92-140 ~]# sudo chkconfig --add elasticsearch  
[root@ip-172-31-92-140 ~]#  
[root@ip-172-31-92-140 ~]# echo "network.host: 0.0.0.0" >> /etc/elasticsearch/el  
asticsearch.yml  
[root@ip-172-31-92-140 ~]#
```

```
EC2 Management Console x 3.82.104.206:9200 x +  
← ↻ ⚠ Not secure | 3.82.104.206:9200 🔍 ⚙️ ⬇️ 🖨️ 👤 ...  
{  
  "status" : 200,  
  "name" : "Uatu",  
  "cluster_name" : "elasticsearch",  
  "version" : {  
    "number" : "1.7.2",  
    "build_hash" : "e43676b1385b8125d647f593f7202acbd816e8ec",  
    "build_timestamp" : "2015-09-14T09:49:53Z",  
    "build_snapshot" : false,  
    "lucene_version" : "4.10.4"  
  },  
  "tagline" : "You Know, for Search"  
}
```

```
root@ip-172-31-92-140:/usr/share/elasticsearch
[root@ip-172-31-92-140 ~]# service elasticsearch start
Starting elasticsearch (via systemctl): [ OK ]
[root@ip-172-31-92-140 ~]#
[root@ip-172-31-92-140 ~]# sudo chkconfig --add elasticsearch
[root@ip-172-31-92-140 ~]#
[root@ip-172-31-92-140 ~]# echo "network.host: 0.0.0.0" >> /etc/elasticsearch/elasticsearch.yml
[root@ip-172-31-92-140 ~]# cd /usr/share/elasticsearch/
[root@ip-172-31-92-140 elasticsearch]# ./bin/plugin -install mobz/elasticsearch-head
-> Installing mobz/elasticsearch-head...
Trying https://github.com/mobz/elasticsearch-head/archive/master.zip...
Downloading .....
Installed mobz/elasticsearch-head into /usr/share/elasticsearch/plugins/head
[root@ip-172-31-92-140 elasticsearch]# ./bin/plugin -install lukas-vlcek/bigdesk
-> Installing lukas-vlcek/bigdesk...
Trying https://github.com/lukas-vlcek/bigdesk/archive/master.zip...
Downloading .....
Installed lukas-vlcek/bigdesk into /usr/share/elasticsearch/plugins/bigdesk
Identified as a _site plugin, moving to _site structure ...
[root@ip-172-31-92-140 elasticsearch]# ./bin/plugin install elasticsearch/elasticsearch-cloud-aws/2.7.1
-> Installing elasticsearch/elasticsearch-cloud-aws/2.7.1...
Trying http://download.elasticsearch.org/elasticsearch/elasticsearch-cloud-aws/elasticsearch-cloud-aws-2.7.1.zip...
Downloading DONE
failed to extract plugin [/usr/share/elasticsearch/plugins/cloud-aws.zip]: ZipException[zip file is empty]
[root@ip-172-31-92-140 elasticsearch]# ./bin/plugin --install lmenezes/elasticsearch-kopf/1.5.7
-> Installing lmenezes/elasticsearch-kopf/1.5.7...
Trying http://download.elasticsearch.org/lmenezes/elasticsearch-kopf/elasticsearch-kopf-1.5.7.zip...
Downloading DONE
failed to extract plugin [/usr/share/elasticsearch/plugins/kopf.zip]: ZipException[zip file is empty]
[root@ip-172-31-92-140 elasticsearch]#
```

```
root@ip-172-31-92-140:~/.kibana-4.1.2-linux-x64
[root@ip-172-31-92-140 elasticsearch]# sudo su
[root@ip-172-31-92-140 elasticsearch]# yum update -y
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
amzn2-core | 3.7 kB 00:00:00
No packages marked for update
[root@ip-172-31-92-140 elasticsearch]# cd /root
[root@ip-172-31-92-140 ~]# wget https://download.elastic.co/kibana/kibana/kibana-4.1.2-linux-x64.tar.gz
--2022-10-09 14:17:18-- https://download.elastic.co/kibana/kibana/kibana-4.1.2-linux-x64.tar.gz
Resolving download.elastic.co (download.elastic.co)... 34.120.127.130, 2600:1901:0:1d7::
Connecting to download.elastic.co (download.elastic.co)|34.120.127.130|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 11787239 (11M) [binary/octet-stream]
Saving to: 'kibana-4.1.2-linux-x64.tar.gz'

100%[=====] 11,787,239 9.50MB/s in 1.2s

2022-10-09 14:17:19 (9.50 MB/s) - 'kibana-4.1.2-linux-x64.tar.gz' saved [11787239/11787239]

[root@ip-172-31-92-140 ~]# tar xzf kibana-4.1.2-linux-x64.tar.gz
[root@ip-172-31-92-140 ~]# rm -f kibana-4.1.2-linux-x64.tar.gz
[root@ip-172-31-92-140 ~]# cd kibana-4.1.2-linux-x64
[root@ip-172-31-92-140 kibana-4.1.2-linux-x64]# nano config/kibana.yml
[root@ip-172-31-92-140 kibana-4.1.2-linux-x64]#
```

```
[root@ip-172-31-92-140 kibana-4.1.2-linux-x64]# nohup ./bin/kibana &
[1] 1949
[root@ip-172-31-92-140 kibana-4.1.2-linux-x64]# nohup: ignoring input and appending output to 'nohup.out'

[root@ip-172-31-92-140 kibana-4.1.2-linux-x64]#
```




