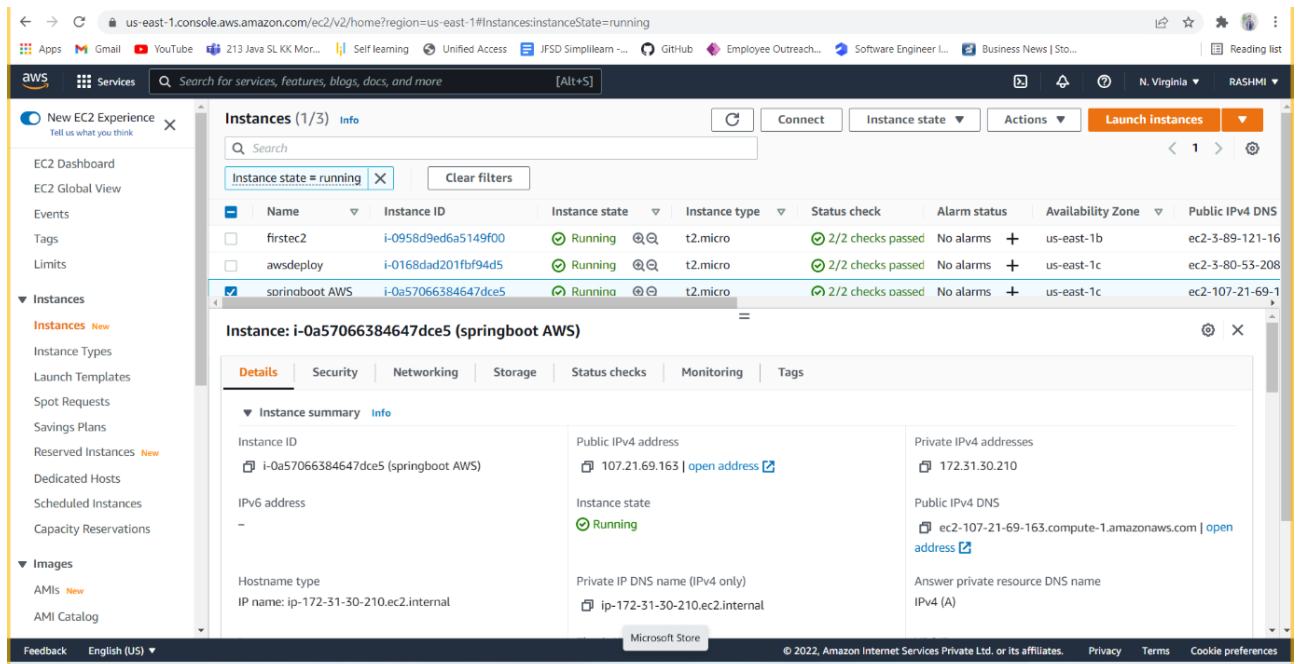


OUTPUT



The screenshot displays the AWS Management Console interface for the 'us-east-1' region. The 'Instances' page is active, showing a list of three EC2 instances. The instance 'springboot AWS' (ID: i-0a57066384647dce5) is selected, and its details are shown in the right-hand panel. The instance is in a 'Running' state, using a 't2.micro' instance type, and has passed all status checks. The details panel shows the instance's public IP address (107.21.69.163), private IP address (172.31.30.210), and public DNS name (ec2-107-21-69-163.compute-1.amazonaws.com).

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 DNS
firstec2	i-0958d9ed6a5149f00	Running	t2.micro	2/2 checks passed	No alarms	us-east-1b	ec2-3-89-121-16
awsdeploy	i-0168dad201fbf94d5	Running	t2.micro	2/2 checks passed	No alarms	us-east-1c	ec2-3-80-53-208
springboot AWS	i-0a57066384647dce5	Running	t2.micro	2/2 checks passed	No alarms	us-east-1c	ec2-107-21-69-1

Instance: i-0a57066384647dce5 (springboot AWS)

Details | Security | Networking | Storage | Status checks | Monitoring | Tags

Instance summary | Info

Instance ID: i-0a57066384647dce5 (springboot AWS)

Public IPv4 address: 107.21.69.163 | [open address](#)

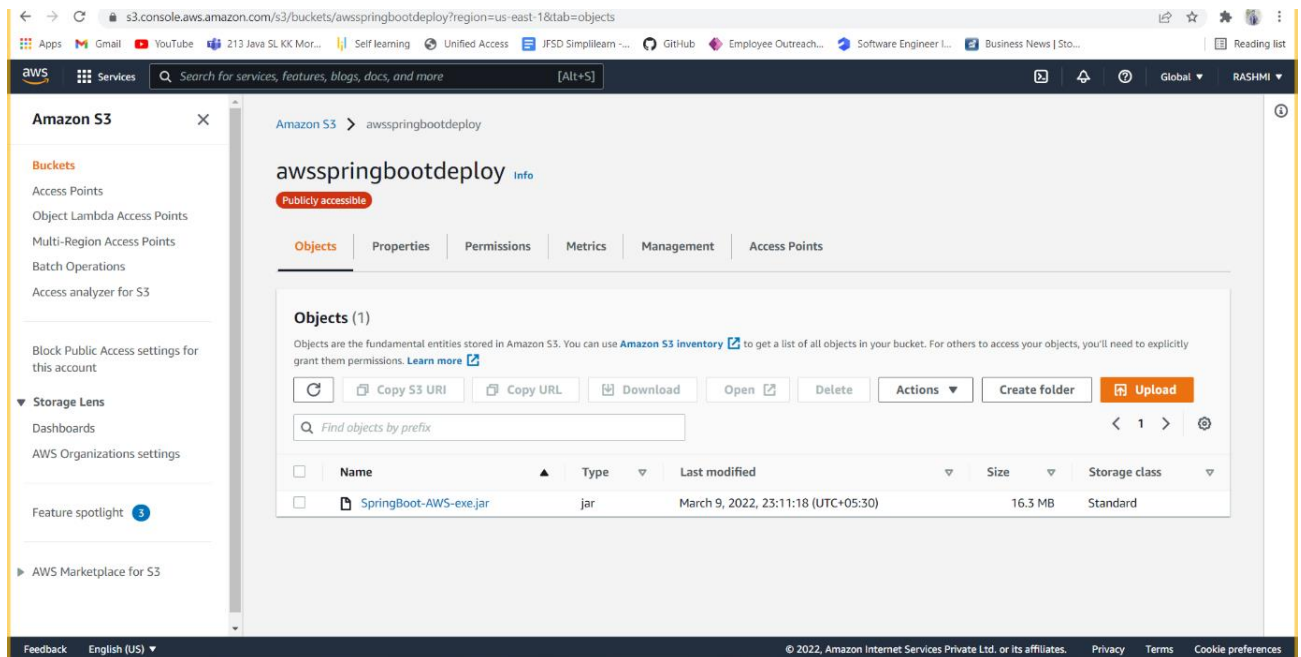
Private IPv4 addresses: 172.31.30.210

Instance state: **Running**

Public IPv4 DNS: ec2-107-21-69-163.compute-1.amazonaws.com | [open address](#)

Private IP DNS name (IPv4 only): ip-172-31-30-210.ec2.internal

Answer private resource DNS name: IPv4 (A)



The screenshot displays the Amazon S3 console interface for the 'us-east-1' region. The 'awsspringbootdeploy' bucket is selected, and the 'Objects' tab is active. A single object, 'SpringBoot-AWS-exe.jar', is listed. The object is a 'jar' file, last modified on March 9, 2022, at 23:11:18 (UTC+05:30), with a size of 16.3 MB and a storage class of 'Standard'.

Amazon S3 | awsspringbootdeploy

awsspringbootdeploy | Info

Objects | Properties | Permissions | Metrics | Management | Access Points

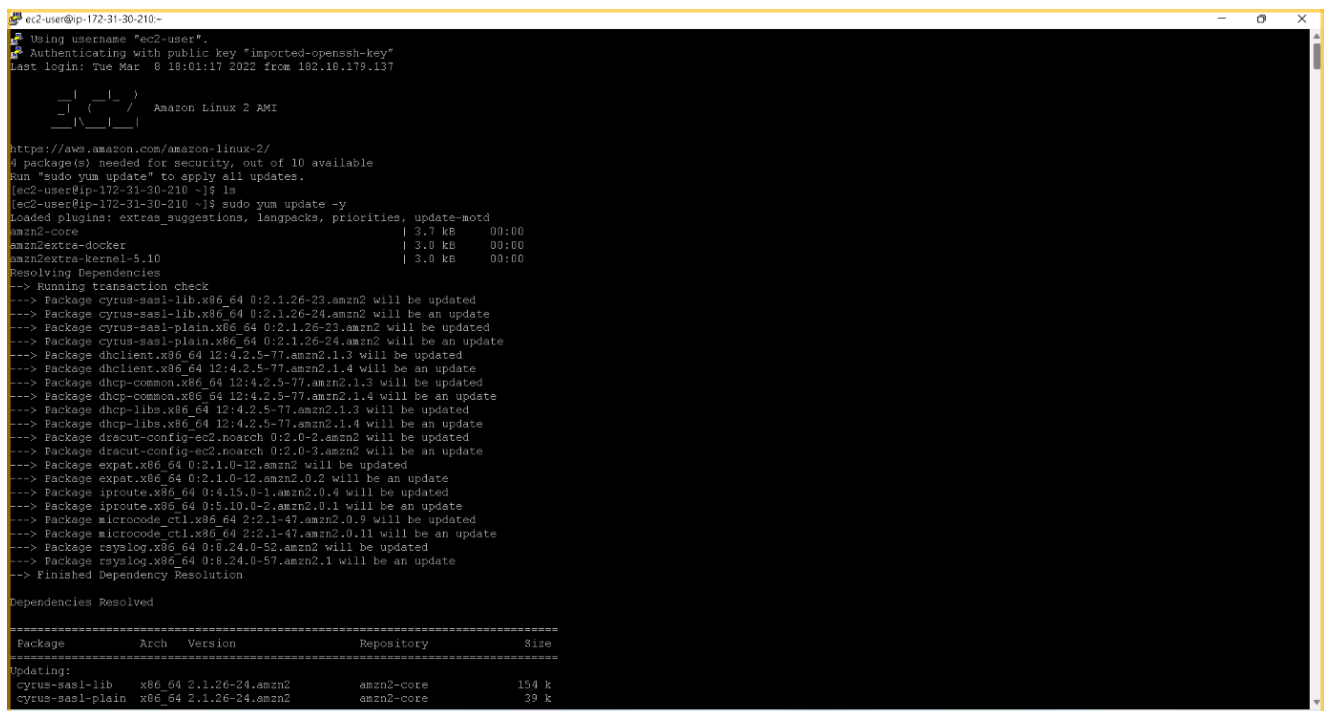
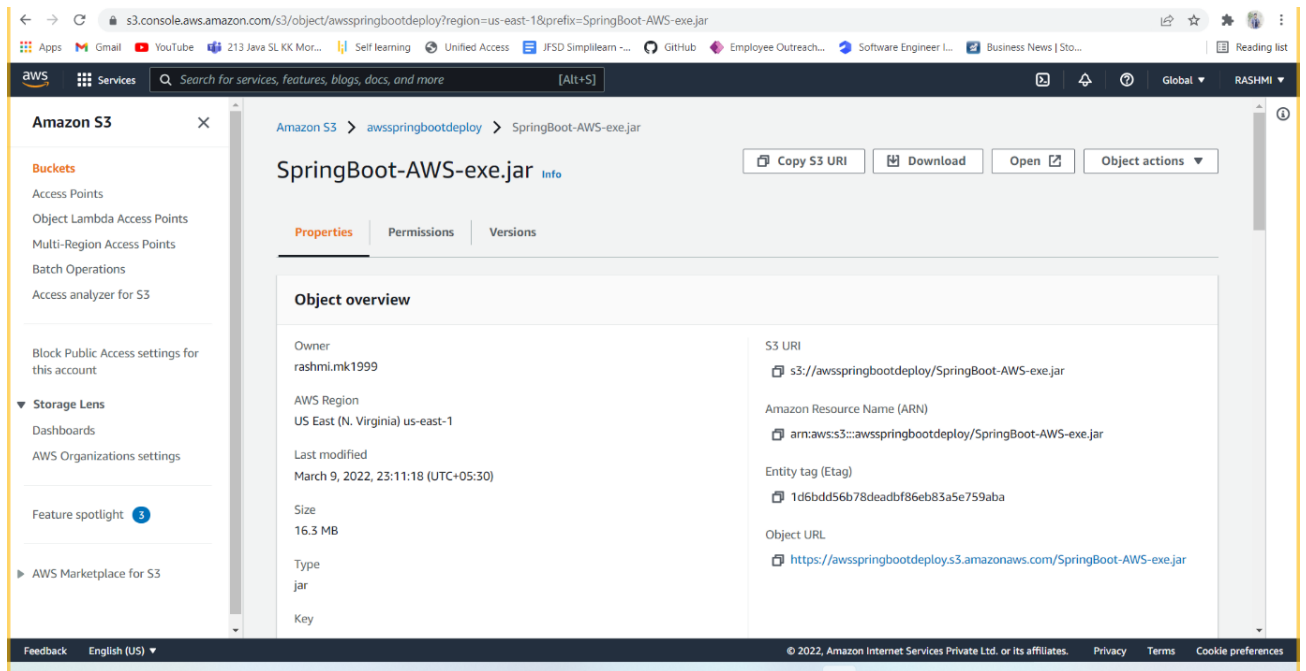
Objects (1)

Objects are the fundamental entities stored in Amazon S3. You can use [Amazon S3 inventory](#) to get a list of all objects in your bucket. For others to access your objects, you'll need to explicitly grant them permissions. [Learn more](#)

[Refresh](#) | [Copy S3 URI](#) | [Copy URL](#) | [Download](#) | [Open](#) | [Delete](#) | [Actions](#) | [Create folder](#) | [Upload](#)

[Find objects by prefix](#)

Name	Type	Last modified	Size	Storage class
SpringBoot-AWS-exe.jar	jar	March 9, 2022, 23:11:18 (UTC+05:30)	16.3 MB	Standard



```
ec2-user@ip-172-31-30-210-
=====
Package Arch Version Repository Size
=====
Updating:
cyrus-sasl-lib x86_64 2.1.26-24.amzn2 amzn2-core 154 k
cyrus-sasl-plain x86_64 2.1.26-24.amzn2 amzn2-core 39 k
dhclient x86_64 4.2.5-77.amzn2.1.4 amzn2-core 286 k
dhcp-common x86_64 4.2.5-77.amzn2.1.4 amzn2-core 176 k
dhcp-libs x86_64 4.2.5-77.amzn2.1.4 amzn2-core 132 k
dracut-config-ec2 noarch 2.0-3.amzn2 amzn2-core 5.0 k
expat x86_64 2.1.0-12.amzn2.0.2 amzn2-core 86 k
iproute x86_64 5.10.0-2.amzn2.0.1 amzn2extra-kernel-5.10 649 k
microcode_ctl x86_64 2.2-1-47.amzn2.0.11 amzn2-core 296 k
rsyslog x86_64 8.24.0-57.amzn2.1 amzn2-core 618 k

Transaction Summary
=====
Upgrade 10 Packages

Total download size: 2.4 M
Downloading packages:
Delta RPMs disabled because /usr/bin/applydeltarpm not installed.
(1/10): cyrus-sasl-plain-2.1.26-24.amzn2.x86_64.rpm | 39 kB 00:00
(2/10): cyrus-sasl-lib-2.1.26-24.amzn2.x86_64.rpm | 154 kB 00:00
(3/10): dhclient-4.2.5-77.amzn2.1.4.x86_64.rpm | 286 kB 00:00
(4/10): dhcp-common-4.2.5-77.amzn2.1.4.x86_64.rpm | 176 kB 00:00
(5/10): dracut-config-ec2-2.0-3.amzn2.noarch.rpm | 5.0 kB 00:00
(6/10): dhcp-libs-4.2.5-77.amzn2.1.4.x86_64.rpm | 132 kB 00:00
(7/10): expat-2.1.0-12.amzn2.0.2.x86_64.rpm | 86 kB 00:00
(8/10): microcode_ctl-2.1-47.amzn2.0.11.x86_64.rpm | 296 kB 00:00
(9/10): rsyslog-8.24.0-57.amzn2.1.x86_64.rpm | 618 kB 00:00
(10/10): iproute-5.10.0-2.amzn2.0.1.x86_64.rpm | 649 kB 00:00
-----
Total 0.0 MB/s | 2.4 MB 00:00
Running transaction check
Running transaction test
Transaction test succeeded
Running transaction
Updating : 12:dhcp-libs-4.2.5-77.amzn2.1.4.x86_64 1/20
Updating : 12:dhcp-common-4.2.5-77.amzn2.1.4.x86_64 2/20
Updating : cyrus-sasl-lib-2.1.26-24.amzn2.x86_64 3/20
Updating : iproute-5.10.0-2.amzn2.0.1.x86_64 4/20
Updating : 12:dhclient-4.2.5-77.amzn2.1.4.x86_64 5/20
Updating : cyrus-sasl-plain-2.1.26-24.amzn2.x86_64 6/20
Updating : dracut-config-ec2-2.0-3.amzn2.noarch 7/20
Updating : expat-2.1.0-12.amzn2.0.2.x86_64 8/20
Updating : rsyslog-8.24.0-57.amzn2.1.x86_64 9/20
Updating : 2:microcode_ctl-2.1-47.amzn2.0.11.x86_64 10/20
=====
Updating : 12:dhcp-common-4.2.5-77.amzn2.1.4.x86_64 2/20
Updating : cyrus-sasl-lib-2.1.26-24.amzn2.x86_64 3/20
Updating : iproute-5.10.0-2.amzn2.0.1.x86_64 4/20
Updating : 12:dhclient-4.2.5-77.amzn2.1.4.x86_64 5/20
Updating : cyrus-sasl-plain-2.1.26-24.amzn2.x86_64 6/20
Updating : dracut-config-ec2-2.0-3.amzn2.noarch 7/20
Updating : expat-2.1.0-12.amzn2.0.2.x86_64 8/20
Updating : rsyslog-8.24.0-57.amzn2.1.x86_64 9/20
Updating : 2:microcode_ctl-2.1-47.amzn2.0.11.x86_64 10/20
Cleanup : 12:dhclient-4.2.5-77.amzn2.1.3.x86_64 11/20
Cleanup : 12:dhcp-common-4.2.5-77.amzn2.1.3.x86_64 12/20
Cleanup : 12:dhcp-libs-4.2.5-77.amzn2.1.3.x86_64 13/20
Cleanup : dracut-config-ec2-2.0-2.amzn2.noarch 14/20
Cleanup : cyrus-sasl-plain-2.1.26-23.amzn2.x86_64 15/20
Cleanup : cyrus-sasl-lib-2.1.26-23.amzn2.x86_64 16/20
Cleanup : iproute-4.15.0-1.amzn2.0.4.x86_64 17/20
Cleanup : expat-2.1.0-12.amzn2.x86_64 18/20
Cleanup : rsyslog-8.24.0-52.amzn2.x86_64 19/20
Cleanup : 2:microcode_ctl-2.1-47.amzn2.0.9.x86_64 20/20
Verifying : iproute-5.10.0-2.amzn2.0.1.x86_64 1/20
Verifying : 12:dhcp-libs-4.2.5-77.amzn2.1.4.x86_64 2/20
Verifying : 12:dhcp-common-4.2.5-77.amzn2.1.4.x86_64 3/20
Verifying : cyrus-sasl-lib-2.1.26-24.amzn2.x86_64 4/20
Verifying : 2:microcode_ctl-2.1-47.amzn2.0.11.x86_64 5/20
Verifying : 12:dhclient-4.2.5-77.amzn2.1.4.x86_64 6/20
Verifying : rsyslog-8.24.0-57.amzn2.1.x86_64 7/20
Verifying : expat-2.1.0-12.amzn2.0.2.x86_64 8/20
Verifying : dracut-config-ec2-2.0-3.amzn2.noarch 9/20
Verifying : cyrus-sasl-plain-2.1.26-24.amzn2.x86_64 10/20
Verifying : cyrus-sasl-plain-2.1.26-23.amzn2.x86_64 11/20
Verifying : iproute-4.15.0-1.amzn2.0.4.x86_64 12/20
Verifying : dracut-config-ec2-2.0-2.amzn2.noarch 13/20
Verifying : 2:microcode_ctl-2.1-47.amzn2.0.9.x86_64 14/20
Verifying : 12:dhcp-libs-4.2.5-77.amzn2.1.3.x86_64 15/20
Verifying : cyrus-sasl-lib-2.1.26-23.amzn2.x86_64 16/20
Verifying : rsyslog-8.24.0-52.amzn2.x86_64 17/20
Verifying : 12:dhclient-4.2.5-77.amzn2.1.3.x86_64 18/20
Verifying : expat-2.1.0-12.amzn2.x86_64 19/20
Verifying : 12:dhcp-common-4.2.5-77.amzn2.1.3.x86_64 20/20
=====
Updated:
cyrus-sasl-lib.x86_64 0:2.1.26-24.amzn2
cyrus-sasl-plain.x86_64 0:2.1.26-24.amzn2
dhclient.x86_64 12:4.2.5-77.amzn2.1.4
dhcp-common.x86_64 12:4.2.5-77.amzn2.1.4
dhcp-libs.x86_64 12:4.2.5-77.amzn2.1.4
dracut-config-ec2.noarch 0:2.0-3.amzn2
expat.x86_64 0:2.1.0-12.amzn2.0.2
iproute.x86_64 0:5.10.0-2.amzn2.0.1
```

```
ec2-user@ip-172-31-30-210-
Updating : 12:dhcp-common-4.2.5-77.amzn2.1.4.x86_64 2/20
Updating : cyrus-sasl-lib-2.1.26-24.amzn2.x86_64 3/20
Updating : iproute-5.10.0-2.amzn2.0.1.x86_64 4/20
Updating : 12:dhclient-4.2.5-77.amzn2.1.4.x86_64 5/20
Updating : cyrus-sasl-plain-2.1.26-24.amzn2.x86_64 6/20
Updating : dracut-config-ec2-2.0-3.amzn2.noarch 7/20
Updating : expat-2.1.0-12.amzn2.0.2.x86_64 8/20
Updating : rsyslog-8.24.0-57.amzn2.1.x86_64 9/20
Updating : 2:microcode_ctl-2.1-47.amzn2.0.11.x86_64 10/20
Cleanup : 12:dhclient-4.2.5-77.amzn2.1.3.x86_64 11/20
Cleanup : 12:dhcp-common-4.2.5-77.amzn2.1.3.x86_64 12/20
Cleanup : 12:dhcp-libs-4.2.5-77.amzn2.1.3.x86_64 13/20
Cleanup : dracut-config-ec2-2.0-2.amzn2.noarch 14/20
Cleanup : cyrus-sasl-plain-2.1.26-23.amzn2.x86_64 15/20
Cleanup : cyrus-sasl-lib-2.1.26-23.amzn2.x86_64 16/20
Cleanup : iproute-4.15.0-1.amzn2.0.4.x86_64 17/20
Cleanup : expat-2.1.0-12.amzn2.x86_64 18/20
Cleanup : rsyslog-8.24.0-52.amzn2.x86_64 19/20
Cleanup : 2:microcode_ctl-2.1-47.amzn2.0.9.x86_64 20/20
Verifying : iproute-5.10.0-2.amzn2.0.1.x86_64 1/20
Verifying : 12:dhcp-libs-4.2.5-77.amzn2.1.4.x86_64 2/20
Verifying : 12:dhcp-common-4.2.5-77.amzn2.1.4.x86_64 3/20
Verifying : cyrus-sasl-lib-2.1.26-24.amzn2.x86_64 4/20
Verifying : 2:microcode_ctl-2.1-47.amzn2.0.11.x86_64 5/20
Verifying : 12:dhclient-4.2.5-77.amzn2.1.4.x86_64 6/20
Verifying : rsyslog-8.24.0-57.amzn2.1.x86_64 7/20
Verifying : expat-2.1.0-12.amzn2.0.2.x86_64 8/20
Verifying : dracut-config-ec2-2.0-3.amzn2.noarch 9/20
Verifying : cyrus-sasl-plain-2.1.26-24.amzn2.x86_64 10/20
Verifying : cyrus-sasl-plain-2.1.26-23.amzn2.x86_64 11/20
Verifying : iproute-4.15.0-1.amzn2.0.4.x86_64 12/20
Verifying : dracut-config-ec2-2.0-2.amzn2.noarch 13/20
Verifying : 2:microcode_ctl-2.1-47.amzn2.0.9.x86_64 14/20
Verifying : 12:dhcp-libs-4.2.5-77.amzn2.1.3.x86_64 15/20
Verifying : cyrus-sasl-lib-2.1.26-23.amzn2.x86_64 16/20
Verifying : rsyslog-8.24.0-52.amzn2.x86_64 17/20
Verifying : 12:dhclient-4.2.5-77.amzn2.1.3.x86_64 18/20
Verifying : expat-2.1.0-12.amzn2.x86_64 19/20
Verifying : 12:dhcp-common-4.2.5-77.amzn2.1.3.x86_64 20/20
=====
Updated:
cyrus-sasl-lib.x86_64 0:2.1.26-24.amzn2
cyrus-sasl-plain.x86_64 0:2.1.26-24.amzn2
dhclient.x86_64 12:4.2.5-77.amzn2.1.4
dhcp-common.x86_64 12:4.2.5-77.amzn2.1.4
dhcp-libs.x86_64 12:4.2.5-77.amzn2.1.4
dracut-config-ec2.noarch 0:2.0-3.amzn2
expat.x86_64 0:2.1.0-12.amzn2.0.2
iproute.x86_64 0:5.10.0-2.amzn2.0.1
```

```
ec2-user@ip-172-31-30-210-
dhclient.x86_64 12:4.2.5-77.amzn2.1.4
dhcp-common.x86_64 12:4.2.5-77.amzn2.1.4
dhcp-lib.x86_64 12:4.2.5-77.amzn2.1.4
dracut-config-ec2.noarch 0:2.0-3.amzn2
expat.x86_64 0:2.1.0-12.amzn2.0.2
iproute.x86_64 0:5:10.0-2.amzn2.0.1
microcode_ctl.x86_64 2:2.1-47.amzn2.0.11
rsyslog.x86_64 0:8.24.0-57.amzn2.1

Complete!
[ec2-user@ip-172-31-30-210 ~]$ sudo yum install -y httpd
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
Resolving Dependencies
--> Running transaction check
--> Package httpd.x86_64 0:2.4.52-1.amzn2 will be installed
--> Processing Dependency: httpd-tools = 2.4.52-1.amzn2 for package: httpd-2.4.52-1.amzn2.x86_64
--> Processing Dependency: httpd-filessystem = 2.4.52-1.amzn2 for package: httpd-2.4.52-1.amzn2.x86_64
--> Processing Dependency: system-logos-httpd for package: httpd-2.4.52-1.amzn2.x86_64
--> Processing Dependency: mod_http2 for package: httpd-2.4.52-1.amzn2.x86_64
--> Processing Dependency: httpd-filessystem for package: httpd-2.4.52-1.amzn2.x86_64
--> Processing Dependency: /etc/mime.types for package: httpd-2.4.52-1.amzn2.x86_64
--> Processing Dependency: libaprutil-1.so.0()(64bit) for package: httpd-2.4.52-1.amzn2.x86_64
--> Processing Dependency: libapr-1.so.0()(64bit) for package: httpd-2.4.52-1.amzn2.x86_64
--> Running transaction check
--> Package apr.x86_64 0:1.7.0-9.amzn2 will be installed
--> Package apr-util.x86_64 0:1.6.1-5.amzn2.0.2 will be installed
--> Processing Dependency: apr-util-bdb(x86-64) = 1.6.1-5.amzn2.0.2 for package: apr-util-1.6.1-5.amzn2.0.2.x86_64
--> Package generic-logos-httpd.noarch 0:18.0.0-4.amzn2 will be installed
--> Package httpd-filessystem.noarch 0:2.4.52-1.amzn2 will be installed
--> Package httpd-tools.x86_64 0:2.4.52-1.amzn2 will be installed
--> Package mailcap.noarch 0:2.1.41-2.amzn2 will be installed
--> Package mod_http2.x86_64 0:1.15.19-1.amzn2.0.1 will be installed
--> Running transaction check
--> Package apr-util-bdb.x86_64 0:1.6.1-5.amzn2.0.2 will be installed
--> Finished Dependency Resolution

Dependencies Resolved

=====
Package                                Arch                                Version                                Repository                                Size
=====
Installing:
httpd                                  x86_64                              2.4.52-1.amzn2                        amzn2-core                                1.3 M
Installing for dependencies:
apr                                    x86_64                              1.7.0-9.amzn2                        amzn2-core                                122 k
apr-util                              x86_64                              1.6.1-5.amzn2.0.2                    amzn2-core                                99 k
apr-util-bdb                          x86_64                              1.6.1-5.amzn2.0.2                    amzn2-core                                19 k
generic-logos-httpd                   noarch                              18.0.0-4.amzn2                       amzn2-core                                19 k
httpd-filessystem                     noarch                              2.4.52-1.amzn2                       amzn2-core                                24 k
=====
```

```
ec2-user@ip-172-31-30-210-
generic-logos-httpd                   noarch                              18.0.0-4.amzn2                       amzn2-core                                19 k
httpd-filessystem                     noarch                              2.4.52-1.amzn2                       amzn2-core                                24 k
httpd-tools                           x86_64                              2.4.52-1.amzn2                       amzn2-core                                88 k
mailcap                               noarch                              2.1.41-2.amzn2                       amzn2-core                                31 k
mod_http2                             x86_64                              1.15.19-1.amzn2.0.1                 amzn2-core                                149 k

Transaction Summary
-----
Install 1 Package (+8 Dependent packages)

Total download size: 1.9 M
Installed size: 5.2 M
Downloading packages:
(1/9): apr-1.7.0-9.amzn2.x86_64.rpm | 122 kB 00:00:00
(2/9): apr-util-1.6.1-5.amzn2.0.2.x86_64.rpm | 99 kB 00:00:00
(3/9): apr-util-bdb-1.6.1-5.amzn2.0.2.x86_64.rpm | 19 kB 00:00:00
(4/9): generic-logos-httpd-18.0.0-4.amzn2.noarch.rpm | 19 kB 00:00:00
(5/9): httpd-filessystem-2.4.52-1.amzn2.noarch.rpm | 24 kB 00:00:00
(6/9): httpd-tools-2.4.52-1.amzn2.x86_64.rpm | 88 kB 00:00:00
(7/9): httpd-2.4.52-1.amzn2.x86_64.rpm | 1.3 MB 00:00:00
(8/9): mailcap-2.1.41-2.amzn2.noarch.rpm | 31 kB 00:00:00
(9/9): mod_http2-1.15.19-1.amzn2.0.1.x86_64.rpm | 149 kB 00:00:00
-----
Total | 8.5 MB/s | 1.9 MB 00:00:00

Running transaction check
Running transaction test
Transaction test succeeded
Running transaction
  Installing : apr-1.7.0-9.amzn2.x86_64 | 1/9
  Installing : apr-util-bdb-1.6.1-5.amzn2.0.2.x86_64 | 2/9
  Installing : apr-util-1.6.1-5.amzn2.0.2.x86_64 | 3/9
  Installing : httpd-tools-2.4.52-1.amzn2.x86_64 | 4/9
  Installing : generic-logos-httpd-18.0.0-4.amzn2.noarch | 5/9
  Installing : mailcap-2.1.41-2.amzn2.noarch | 6/9
  Installing : httpd-filessystem-2.4.52-1.amzn2.noarch | 7/9
  Installing : mod_http2-1.15.19-1.amzn2.0.1.x86_64 | 8/9
  Installing : httpd-2.4.52-1.amzn2.x86_64 | 9/9
  Verifying : apr-util-1.6.1-5.amzn2.0.2.x86_64 | 1/9
  Verifying : httpd-tools-2.4.52-1.amzn2.x86_64 | 2/9
  Verifying : apr-util-bdb-1.6.1-5.amzn2.0.2.x86_64 | 3/9
  Verifying : httpd-filessystem-2.4.52-1.amzn2.noarch | 4/9
  Verifying : httpd-2.4.52-1.amzn2.x86_64 | 5/9
  Verifying : mailcap-2.1.41-2.amzn2.noarch | 6/9
  Verifying : generic-logos-httpd-18.0.0-4.amzn2.noarch | 7/9
  Verifying : mod_http2-1.15.19-1.amzn2.0.1.x86_64 | 8/9
  Verifying : apr-1.7.0-9.amzn2.x86_64 | 9/9

Installed:
httpd.x86_64 0:2.4.52-1.amzn2
```

```
ec2-user@ip-172-31-30-210-
Dependency Installed:
apr.x86_64 0:1.7.0-9.amzn2          apr-util.x86_64 0:1.6.1-5.amzn2.0.2    apr-util-bdb.x86_64 0:1.6.1-5.amzn2.0.2    generic-logos-httpd.noarch 0:18.0.0-4.amzn2
httpdfilesystem.noarch 0:2.4.52-1.amzn2    httpd-tools.x86_64 0:2.4.52-1.amzn2    mailcap.noarch 0:2.1.41-2.amzn2            mod_http2.x86_64 0:1.15.19-1.amzn2.0.1

Complete!
[ec2-user@ip-172-31-30-210 ~]$ sudo systemctl start httpd
[ec2-user@ip-172-31-30-210 ~]$ sudo systemctl enable httpd
Created symlink from /etc/systemd/system/multi-user.target.wants/httpd.service to /usr/lib/systemd/system/httpd.service.
[ec2-user@ip-172-31-30-210 ~]$ sudo yum install wget -y
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
Package wget-1.14-18.amzn2.1.x86_64 already installed and latest version
Nothing to do
[ec2-user@ip-172-31-30-210 ~]$ java -version
-bash: java: command not found
[ec2-user@ip-172-31-30-210 ~]$ sudo yum install java -y
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
Resolving Dependencies
--> Running transaction check
--> Package java-17-amazon-corretto.x86_64 1:17.0.2+8-1.amzn2.1 will be installed
--> Processing Dependency: java-17-amazon-corretto-headless(x86-64) = 1:17.0.2+8-1.amzn2.1 for package: 1:java-17-amazon-corretto-17.0.2+8-1.amzn2.1.x86_64
--> Processing Dependency: dejavu-sans-mono-fonts for package: 1:java-17-amazon-corretto-17.0.2+8-1.amzn2.1.x86_64
--> Processing Dependency: dejavu-serif-fonts for package: 1:java-17-amazon-corretto-17.0.2+8-1.amzn2.1.x86_64
--> Processing Dependency: alsa-lib for package: 1:java-17-amazon-corretto-17.0.2+8-1.amzn2.1.x86_64
--> Processing Dependency: libXtst for package: 1:java-17-amazon-corretto-17.0.2+8-1.amzn2.1.x86_64
--> Processing Dependency: libXrandr for package: 1:java-17-amazon-corretto-17.0.2+8-1.amzn2.1.x86_64
--> Processing Dependency: libXrender for package: 1:java-17-amazon-corretto-17.0.2+8-1.amzn2.1.x86_64
--> Processing Dependency: libXi for package: 1:java-17-amazon-corretto-17.0.2+8-1.amzn2.1.x86_64
--> Processing Dependency: libXinerama for package: 1:java-17-amazon-corretto-17.0.2+8-1.amzn2.1.x86_64
--> Processing Dependency: libX11 for package: 1:java-17-amazon-corretto-17.0.2+8-1.amzn2.1.x86_64
--> Running transaction check
--> Package alsa-lib.x86_64 0:1.1.4.1-2.amzn2 will be installed
--> Package dejavu-sans-fonts.noarch 0:2.33-6.amzn2 will be installed
--> Processing Dependency: dejavu-fonts-common = 2.33-6.amzn2 for package: dejavu-sans-fonts-2.33-6.amzn2.noarch
--> Package dejavu-sans-mono-fonts.noarch 0:2.33-6.amzn2 will be installed
--> Package dejavu-serif-fonts.noarch 0:2.33-6.amzn2 will be installed
--> Package java-17-amazon-corretto-headless.x86_64 1:17.0.2+8-1.amzn2.1 will be installed
--> Processing Dependency: log4j-cve-2021-44228-cve-mitigations for package: 1:java-17-amazon-corretto-headless-17.0.2+8-1.amzn2.1.x86_64
--> Processing Dependency: fontconfig for package: 1:java-17-amazon-corretto-headless-17.0.2+8-1.amzn2.1.x86_64
--> Processing Dependency: ipackage-utils for package: 1:java-17-amazon-corretto-headless-17.0.2+8-1.amzn2.1.x86_64
--> Package libXtst.x86_64 0:1.6.7-3.amzn2.0.2 will be installed
--> Processing Dependency: libXi-common = 1.6.7-3.amzn2.0.2 for package: libXtst-1.6.7-3.amzn2.0.2.x86_64
--> Processing Dependency: libxcb.so.1(64bit) for package: libXtst-1.6.7-3.amzn2.0.2.x86_64
--> Package libXi.x86_64 0:1.7.9-1.amzn2.0.2 will be installed
--> Processing Dependency: libXext.so.6(64bit) for package: libXi-1.7.9-1.amzn2.0.2.x86_64
--> Package libXinerama.x86_64 0:1.1.3-2.1.amzn2.0.2 will be installed
```

```
ec2-user@ip-172-31-30-210-
--> Package libXrandr.x86_64 0:1.5.1-2.amzn2.0.3 will be installed
--> Package libXrender.x86_64 0:0.9.10-1.amzn2.0.2 will be installed
--> Package libXt.x86_64 0:1.1.5-3.amzn2.0.2 will be installed
--> Processing Dependency: libSM.so.6(64bit) for package: libXt-1.1.5-3.amzn2.0.2.x86_64
--> Processing Dependency: libICE.so.6(64bit) for package: libXt-1.1.5-3.amzn2.0.2.x86_64
--> Package libXtst.x86_64 0:1.2.3-1.amzn2.0.2 will be installed
--> Running transaction check
--> Package dejavu-fonts-common.noarch 0:2.33-6.amzn2 will be installed
--> Processing Dependency: fontpackages-filesystem for package: dejavu-fonts-common-2.33-6.amzn2.noarch
--> Package fontconfig.x86_64 0:2.13.0-4.3.amzn2 will be installed
--> Package javapackages-tools.noarch 0:3.4.1-11.amzn2 will be installed
--> Processing Dependency: python-javapackages = 3.4.1-11.amzn2 for package: javapackages-tools-3.4.1-11.amzn2.noarch
--> Processing Dependency: libxslt for package: javapackages-tools-3.4.1-11.amzn2.noarch
--> Package libICE.x86_64 0:1.0.9-9.amzn2.0.2 will be installed
--> Package libSM.x86_64 0:1.2.2-2.amzn2.0.2 will be installed
--> Package libX11-common.noarch 0:1.6.7-3.amzn2.0.2 will be installed
--> Package libXext.x86_64 0:1.3.3-3.amzn2.0.2 will be installed
--> Package libxcb.x86_64 0:1.12-1.amzn2.0.2 will be installed
--> Processing Dependency: libXau.so.6(64bit) for package: libxcb-1.12-1.amzn2.0.2.x86_64
--> Package log4j-cve-2021-44228-hotpatch.noarch 0:1.1-13.amzn2 will be installed
--> Running transaction check
--> Package fontpackages-filesystem.noarch 0:1.44-8.amzn2 will be installed
--> Package libXau.x86_64 0:1.0.8-2.1.amzn2.0.2 will be installed
--> Package libxslt.x86_64 0:1.1.28-6.amzn2 will be installed
--> Package python-javapackages.noarch 0:3.4.1-11.amzn2 will be installed
--> Processing Dependency: python-lxml for package: python-javapackages-3.4.1-11.amzn2.noarch
--> Running transaction check
--> Package python-lxml.x86_64 0:3.2.1-4.amzn2.0.3 will be installed
--> Finished Dependency Resolution

Dependencies Resolved

=====
Package Arch Version Repository Size
=====
Installing:
java-17-amazon-corretto x86_64 1:17.0.2+8-1.amzn2.1 amzn2-core 178 k
Installing for dependencies:
alsa-lib x86_64 1.1.4.1-2.amzn2 amzn2-core 425 k
dejavu-fonts-common noarch 2.33-6.amzn2 amzn2-core 64 k
dejavu-sans-fonts noarch 2.33-6.amzn2 amzn2-core 1.4 M
dejavu-sans-mono-fonts noarch 2.33-6.amzn2 amzn2-core 433 k
dejavu-serif-fonts noarch 2.33-6.amzn2 amzn2-core 777 k
fontconfig x86_64 2.13.0-4.3.amzn2 amzn2-core 253 k
fontpackages-filesystem noarch 1.44-8.amzn2 amzn2-core 10 k
java-17-amazon-corretto-headless x86_64 1:17.0.2+8-1.amzn2.1 amzn2-core 94 M
javapackages-tools noarch 3.4.1-11.amzn2 amzn2-core 73 k
libICE x86_64 1.0.9-9.amzn2.0.2 amzn2-core 67 k
libSM x86_64 1.2.2-2.amzn2.0.2 amzn2-core 39 k
```

```
ec2-user@ip-172-31-30-210-
libX11 x86_64 1.7.9-1.amzn2.0.2 amzn2-core 41 k
libXinerama x86_64 1.1.3-2.1.amzn2.0.2 amzn2-core 14 k
libXrandr x86_64 1.5.1-2.amzn2.0.3 amzn2-core 27 k
libXrender x86_64 0.9.10-1.amzn2.0.2 amzn2-core 26 k
libXt x86_64 1.1.5-3.amzn2.0.2 amzn2-core 177 k
libXtst x86_64 1.2.3-1.amzn2.0.2 amzn2-core 20 k
libxcb x86_64 1.12-1.amzn2.0.2 amzn2-core 216 k
libxslt x86_64 1.1.28-6.amzn2 amzn2-core 240 k
log4j-cve-2021-44228-hotpatch noarch 1.1-13.amzn2 amzn2-core 144 k
python-javapackages noarch 3.4.1-11.amzn2 amzn2-core 31 k
python-lxml x86_64 3.2.1-4.amzn2.0.3 amzn2-core 1.0 M

Transaction Summary
-----
Install 1 Package (+26 Dependent packages)

Total download size: 100 M
Installed size: 256 M
Downloading packages:
(1/27): dejavu-fonts-common-2.33-6.amzn2.noarch.rpm | 64 kB 00:00:00
(2/27): alsa-lib-1.1.4-1.2.amzn2.x86_64.rpm | 425 kB 00:00:00
(3/27): dejavu-sans-mono-fonts-2.33-6.amzn2.noarch.rpm | 433 kB 00:00:00
(4/27): dejavu-sans-fonts-2.33-6.amzn2.noarch.rpm | 1.4 MB 00:00:00
(5/27): fontconfig-2.13.0-4.3.amzn2.x86_64.rpm | 253 kB 00:00:00
(6/27): dejavu-serif-fonts-2.33-6.amzn2.noarch.rpm | 177 kB 00:00:00
(7/27): fontpackages-filesystem-1.44-8.amzn2.noarch.rpm | 10 kB 00:00:00
(8/27): java-17-amazon-corretto-headless-17.0.2+8-1.amzn2.1.x86_64.rpm | 176 kB 00:00:00
(9/27): javapackages-tools-3.4.1-11.amzn2.noarch.rpm | 73 kB 00:00:00
(10/27): libICE-1.0.9-9.amzn2.0.2.x86_64.rpm | 67 kB 00:00:00
(11/27): libSM-1.2.2-2.amzn2.0.2.x86_64.rpm | 39 kB 00:00:00
(12/27): libX11-1.6.7-3.amzn2.0.2.x86_64.rpm | 666 kB 00:00:00
(13/27): libX11-common-1.6.7-3.amzn2.0.2.noarch.rpm | 165 kB 00:00:00
(14/27): libXau-1.0.8-2.1.amzn2.0.2.x86_64.rpm | 29 kB 00:00:00
(15/27): libXext-1.3.3-3.amzn2.0.2.x86_64.rpm | 39 kB 00:00:00
(16/27): libXft-1.7.9-1.amzn2.0.2.x86_64.rpm | 41 kB 00:00:00
(17/27): libXinerama-1.1.3-2.1.amzn2.0.2.x86_64.rpm | 14 kB 00:00:00
(18/27): libXrandr-1.5.1-2.amzn2.0.3.x86_64.rpm | 27 kB 00:00:00
(19/27): libXrender-0.9.10-1.amzn2.0.2.x86_64.rpm | 26 kB 00:00:00
(20/27): libXt-1.1.5-3.amzn2.0.2.x86_64.rpm | 177 kB 00:00:00
(21/27): libXtst-1.2.3-1.amzn2.0.2.x86_64.rpm | 20 kB 00:00:00
(22/27): libxcb-1.12-1.amzn2.0.2.x86_64.rpm | 216 kB 00:00:00
(23/27): libxslt-1.1.28-6.amzn2.x86_64.rpm | 240 kB 00:00:00
(24/27): log4j-cve-2021-44228-hotpatch-1.1-13.amzn2.noarch.rpm | 144 kB 00:00:00
(25/27): python-javapackages-3.4.1-11.amzn2.noarch.rpm | 31 kB 00:00:00
(26/27): python-lxml-3.2.1-4.amzn2.0.3.x86_64.rpm | 1.0 MB 00:00:00
(27/27): java-17-amazon-corretto-headless-17.0.2+8-1.amzn2.1.x86_64.rpm | 94 MB 00:00:01
Total 49 MB/s | 100 MB 00:00:02
Running transaction check
```

```
ec2-user@ip-172-31-30-210-
(27/27): java-17-amazon-corretto-headless-17.0.2+8-1.amzn2.1.x86_64.rpm | 94 MB 00:00:01
Total 49 MB/s | 100 MB 00:00:02
Running transaction check
Running transaction test
Transaction test succeeded
Running transaction
Installing : libICE-1.0.9-9.amzn2.0.2.x86_64 1/27
Installing : libX11-1.6.7-3.amzn2.0.2.x86_64 2/27
Installing : fontpackages-filesystem-1.44-8.amzn2.noarch 3/27
Installing : dejavu-fonts-common-2.33-6.amzn2.noarch 4/27
Installing : dejavu-sans-fonts-2.33-6.amzn2.noarch 5/27
Installing : fontconfig-2.13.0-4.3.amzn2.x86_64 6/27
Installing : dejavu-serif-fonts-2.33-6.amzn2.noarch 7/27
Installing : dejavu-sans-mono-fonts-2.33-6.amzn2.noarch 8/27
Installing : python-lxml-3.2.1-4.amzn2.0.3.x86_64 9/27
Installing : python-javapackages-3.4.1-11.amzn2.noarch 10/27
Installing : javapackages-tools-3.4.1-11.amzn2.noarch 11/27
Installing : libSM-1.2.2-2.amzn2.0.2.x86_64 12/27
Installing : alsa-lib-1.1.4-1.2.amzn2.x86_64 13/27
Installing : log4j-cve-2021-44228-hotpatch-1.1-13.amzn2.noarch 14/27
Created symlink from /etc/systemd/system/auti-user.target.wants/log4j-cve-2021-44228-hotpatch.service to /usr/lib/systemd/system/log4j-cve-2021-44228-hotpatch.service.
Installing : libXau-1.0.8-2.1.amzn2.0.2.x86_64 15/27
Installing : libxcb-1.12-1.amzn2.0.2.x86_64 16/27
Installing : libX11-common-1.6.7-3.amzn2.0.2.noarch 17/27
Installing : libX11-1.6.7-3.amzn2.0.2.x86_64 18/27
Installing : libXext-1.3.3-3.amzn2.0.2.x86_64 19/27
Installing : libXft-1.7.9-1.amzn2.0.2.x86_64 20/27
Installing : libXrender-0.9.10-1.amzn2.0.2.x86_64 21/27
Installing : libXrandr-1.5.1-2.amzn2.0.3.x86_64 22/27
Installing : libXinerama-1.1.3-2.1.amzn2.0.2.x86_64 23/27
Installing : libXt-1.1.5-3.amzn2.0.2.x86_64 24/27
Installing : libXtst-1.2.3-1.amzn2.0.2.x86_64 25/27
Installing : java-17-amazon-corretto-headless-17.0.2+8-1.amzn2.1.x86_64 26/27
Verifying : dejavu-serif-fonts-2.33-6.amzn2.noarch 1/27
Verifying : python-lxml-3.2.1-4.amzn2.0.3.x86_64 2/27
Verifying : fontpackages-filesystem-1.44-8.amzn2.noarch 3/27
Verifying : l:java-17-amazon-corretto-headless-17.0.2+8-1.amzn2.1.x86_64 4/27
Verifying : libxcb-1.12-1.amzn2.0.2.x86_64 5/27
Verifying : libXrandr-1.5.1-2.amzn2.0.3.x86_64 6/27
Verifying : libXext-1.3.3-3.amzn2.0.2.x86_64 7/27
Verifying : libX11-1.6.7-3.amzn2.0.2.x86_64 8/27
Verifying : dejavu-sans-mono-fonts-2.33-6.amzn2.noarch 9/27
Verifying : l:java-17-amazon-corretto-headless-17.0.2+8-1.amzn2.1.x86_64 10/27
Verifying : libX11-common-1.6.7-3.amzn2.0.2.noarch 11/27
Verifying : dejavu-fonts-common-2.33-6.amzn2.noarch 12/27
Verifying : libXau-1.0.8-2.1.amzn2.0.2.x86_64 13/27
Verifying : libxslt-1.1.28-6.amzn2.x86_64 14/27
```



```
ec2-user@ip-172-31-30-210-
--> Finished Dependency Resolution

Dependencies Resolved

=====
Package Arch Version Repository Size
=====
Installing:
epel-release noarch 7-11 amazon2extra-epel 15 k
=====
Transaction Summary
=====
Install 1 Package

Total download size: 15 k
Installed size: 24 k
Downloading packages:
epel-release-7-11.noarch.rpm | 15 kB 00:00:00
Running transaction check
Running transaction test
Transaction test succeeded
Running transaction
Installing : epel-release-7-11.noarch 1/1
Verifying : epel-release-7-11.noarch 1/1

Installed:
epel-release.noarch 0:7-11

Complete!
0 ansible2 available \
  [ =2.4.2 =2.4.6 =2.8 =stable ]
2 httpd_modules available [ =1.0 =stable ]
3 memcached1.5 available \
  [ =1.5.1 =1.5.16 =1.5.17 ]
5 postgresql9.6 available \
  [ =9.6.6 =9.6.8 =stable ]
6 postgresql10 available [ =10 =stable ]
9 R3.4 available [ =3.4.3 =stable ]
10 rust1 available \
  [ =1.22.1 =1.26.0 =1.26.1 =1.27.2 =1.31.0 =1.39.0
    =stable ]
11 vim available [ =8.0 =stable ]
18 libreoffice available \
  [ =5.0.6.2_15 =5.3.6.1 =stable ]
19 gimp available [ =2.8.22 ]
20 docker=latest enabled \
  [ =17.12.1 =18.03.1 =18.06.1 =18.09.9 =stable ]
21 mate-desktop.x available \
  [ =1.19.0 =1.20.0 =stable ]
```

```
ec2-user@ip-172-31-30-210-
20 docker=latest enabled \
  [ =17.12.1 =18.03.1 =18.06.1 =18.09.9 =stable ]
21 mate-desktop.x available \
  [ =1.19.0 =1.20.0 =stable ]
22 GraphicsMagick1.3 available \
  [ =1.3.29 =1.3.32 =1.3.34 =stable ]
23 tomat8.3 available \
  [ =0.3.31 =0.5.32 =0.5.38 =0.5.40 =0.5.42 =0.5.50
    =stable ]
24 epel=latest enabled [ =7.11 =stable ]
25 testing available [ =1.0 =stable ]
26 ecs available [ =stable ]
27 corretto8 available \
  [ =1.8.0_192 =1.8.0_202 =1.8.0_212 =1.8.0_222 =1.8.0_232
    =1.8.0_242 =stable ]
28 firecracker available [ =0.11 =stable ]
29 golang1.11 available \
  [ =1.11.3 =1.11.11 =1.11.13 =stable ]
30 squid4 available [ =4 =stable ]
32 lustre2.10 available \
  [ =2.10.5 =2.10.8 =stable ]
33 java-openjdk11 available [ =11 =stable ]
34 lnyis available [ =stable ]
35 kernel-ng available [ =stable ]
36 BCC available [ =0.x =stable ]
37 mono available [ =5.x =stable ]
38 nginx1 available [ =stable ]
39 ruby2.6 available [ =2.6 =stable ]
40 mock available [ =stable ]
41 postgresql11 available [ =11 =stable ]
42 php7.4 available [ =stable ]
43 livepatch available [ =stable ]
44 python3.8 available [ =stable ]
45 haproxy2 available [ =stable ]
46 collectd available [ =stable ]
47 aws-nitro-enclaves-cli available [ =stable ]
48 R4 available [ =stable ]
_ kernel-5.4 available [ =stable ]
50 selinux-ng available [ =stable ]
51 php8.0 available [ =stable ]
52 tomat9 available [ =stable ]
53 unbound1.13 available [ =stable ]
54 mariadb10.5 available [ =stable ]
55 kernel-5.10=latest enabled [ =stable ]
56 redis6 available [ =stable ]
57 ruby3.0 available [ =stable ]
58 postgresql12 available [ =stable ]
59 postgresql13 available [ =stable ]
60 mock2 available [ =stable ]
```



```
ec2-user@ip-172-31-30-210-
60 mock2 available [ =stable ]
61 dnsmasq2.85 available [ =stable ]
[ec2-user@ip-172-31-30-210 ~]$ sudo amazon-linux-extras install epel -y
Installing epel-release
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
Cleaning repos: amzn2-core amzn2extra-docker amzn2extra-epel amzn2extra-kernel-5.10 epel jenkins
30 metadata files removed
12 sqlite files removed
0 metadata files removed
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
amzn2-core | 3.7 kB 00:00:00
amzn2extra-docker | 3.0 kB 00:00:00
amzn2extra-epel | 3.0 kB 00:00:00
amzn2extra-kernel-5.10 | 3.0 kB 00:00:00
epel/x86_64/metalink | 11 kB 00:00:00
epel | 4.7 kB 00:00:00
jenkins | 2.9 kB 00:00:00
(1/13): amzn2-core/2/x86_64/group_gz | 2.5 kB 00:00:00
(2/13): amzn2-core/2/x86_64/updateinfo | 452 kB 00:00:00
(3/13): amzn2extra-epel/2/x86_64/primary_db | 1.8 kB 00:00:00
(4/13): amzn2extra-kernel-5.10/2/x86_64/updateinfo | 12 kB 00:00:00
(5/13): amzn2extra-docker/2/x86_64/updateinfo | 5.9 kB 00:00:00
(6/13): amzn2extra-epel/2/x86_64/updateinfo | 76 B 00:00:00
(7/13): amzn2extra-docker/2/x86_64/primary_db | 86 kB 00:00:00
(8/13): amzn2extra-kernel-5.10/2/x86_64/primary_db | 7.4 MB 00:00:00
(9/13): epel/x86_64/group_gz | 96 kB 00:00:00
(10/13): epel/x86_64/updateinfo | 1.0 MB 00:00:00
(11/13): epel/x86_64/primary_db | 7.0 MB 00:00:00
(12/13): jenkins/primary_db | 40 kB 00:00:00
(13/13): amzn2-core/2/x86_64/primary_db | 60 MB 00:00:02
209 packages excluded due to repository priority protections
Package epel-release-7-11.noarch already installed and latest version
Nothing to do
0 ansible2 available \
  [ =2.4.2 =2.4.6 =2.8 =stable ]
2 httpd modules available [ =1.0 =stable ]
3 memcached1.5 available \
  [ =1.5.1 =1.5.16 =1.5.17 ]
5 postgresql9.6 available \
  [ =9.6.6 =9.6.8 =stable ]
6 postgresql10 available [ =10 =stable ]
9 R3.4 available [ =3.4.3 =stable ]
10 rust1 available \
  [ =1.22.1 =1.26.0 =1.26.1 =1.27.2 =1.31.0 =1.39.0
  =stable ]
11 vim available [ =8.0 =stable ]
18 libreoffice available \
  [ =5.0.6.2_15 =5.3.6.1 =stable ]
19 gimp available [ =2.8.22 ]
```

```
ec2-user@ip-172-31-30-210-
18 libreoffice available \
  [ =5.0.6.2_15 =5.3.6.1 =stable ]
19 gimp available [ =2.8.22 ]
20 docker=latest enabled \
  [ =17.12.1 =18.03.1 =18.06.1 =18.09.9 =stable ]
21 mate-desktop1.x available \
  [ =1.19.0 =1.20.0 =stable ]
22 GraphicsMagick1.3 available \
  [ =1.3.29 =1.3.32 =1.3.34 =stable ]
23 tomcat8.5 available \
  [ =8.5.31 =8.5.32 =8.5.39 =8.5.40 =8.5.42 =8.5.50
  =stable ]
24 epel=latest enabled [ =7.11 =stable ]
25 testing available [ =1.0 =stable ]
26 eww available [ =stable ]
27 corretto8 available \
  [ =1.8.0_192 =1.8.0_202 =1.8.0_212 =1.8.0_222 =1.8.0_232
  =1.8.0_242 =stable ]
28 firecracker available [ =0.11 =stable ]
29 golang1.11 available \
  [ =1.11.3 =1.11.11 =1.11.13 =stable ]
30 squid4 available [ =4 =stable ]
32 lustre2.10 available \
  [ =2.10.5 =2.10.8 =stable ]
33 java-openjdk11 available [ =11 =stable ]
34 lynis available [ =stable ]
35 kernel-ng available [ =stable ]
36 gcc available [ =8.x =stable ]
37 mono available [ =5.x =stable ]
38 nginx1 available [ =stable ]
39 ruby2.6 available [ =2.6 =stable ]
40 mock available [ =stable ]
41 postgresql11 available [ =11 =stable ]
42 php7.4 available [ =stable ]
43 libreoffice available [ =stable ]
44 python3.8 available [ =stable ]
45 haproxy2 available [ =stable ]
46 collectd available [ =stable ]
47 aws-nitro-enclaves-cli available [ =stable ]
48 R4 available [ =stable ]
49 kernel-5.4 available [ =stable ]
50 selinux-ng available [ =stable ]
51 php8.0 available [ =stable ]
52 tomcat9 available [ =stable ]
53 unbound1.13 available [ =stable ]
54 mariadb10.5 available [ =stable ]
55 kernel-5.10=latest enabled [ =stable ]
56 redis6 available [ =stable ]
57 ruby3.0 available [ =stable ]
```

```
ec2-user@ip-172-31-30-210-
Verifying : libfontenc-1.1.3-3.amzn2.0.2.x86_64 22/44
Verifying : libthai-0.1.14-9.amzn2.0.2.x86_64 23/44
Verifying : xorg-x11-fonts-Type1-7.5-9.amzn2.noarch 24/44
Verifying : gtk2-2.24.31-1.amzn2.0.2.x86_64 25/44
Verifying : avahi-libs-0.6.31-20.amzn2.x86_64 26/44
Verifying : gdk-pixbuf2-2.36.12-3.amzn2.x86_64 27/44
Verifying : libwayland-client-1.17.0-1.amzn2.x86_64 28/44
Verifying : harfbuzz-1.7.5-2.amzn2.x86_64 29/44
Verifying : jenkins-2.332.1-1.noarch 30/44
Verifying : giflib-4.1.6-9.amzn2.0.2.x86_64 31/44
Verifying : cairo-1.15.12-4.amzn2.x86_64 32/44
Verifying : 1:java-1.8.0-openjdk-devel-1.8.0.312.b07-1.amzn2.0.2.x86_64 33/44
Verifying : libXxf86vm-1.1.4-1.amzn2.0.2.x86_64 34/44
Verifying : libXxf86vm-5.0.3-1.amzn2.0.2.x86_64 35/44
Verifying : 1:java-1.8.0-openjdk-headless-1.8.0.312.b07-1.amzn2.0.2.x86_64 36/44
Verifying : pcsc-lite-libs-1.8.8-7.amzn2.x86_64 37/44
Verifying : libXft-2.3.2-2.amzn2.0.2.x86_64 38/44
Verifying : copy-jdk-configs-3.3-10.amzn2.noarch 39/44
Verifying : jasper-libs-1.900.1-33.amzn2.x86_64 40/44
Verifying : 1:libglvnd-glx-1.0.1-0.1.git5baa1e5.amzn2.0.1.x86_64 41/44
Verifying : fridbi-1.0.2-1.amzn2.i.x86_64 42/44
Verifying : fridbi-1.0.2-1.amzn2.i.x86_64 43/44
Verifying : graphite2-1.3.10-1.amzn2.0.2.x86_64 44/44

Installed:
java-1.8.0-openjdk-devel.x86_64 1:1.8.0.312.b07-1.amzn2.0.2 jenkins.noarch 0:2.332.1-1.1

Dependency Installed:
atk.x86_64 0:2.22.0-3.amzn2.0.2 avahi-libs.x86_64 0:0.6.31-20.amzn2 cairo.x86_64 0:1.15.12-4.amzn2
copy-jdk-configs.noarch 0:3.3-10.amzn2 cups-libs.x86_64 1:1.6.3-51.amzn2 fridbi.x86_64 0:1.0.2-1.amzn2.1
gdk-pixbuf2.x86_64 0:2.36.12-3.amzn2 giflib.x86_64 0:4.1.6-9.amzn2.0.2 graphite2.x86_64 0:1.3.10-1.amzn2.0.2
gtk-update-icon-cache.x86_64 0:3.22.30-3.amzn2 gtk2.x86_64 0:2.24.31-1.amzn2.0.2 harfbuzz.x86_64 0:1.7.5-2.amzn2
hicolor-icon-theme.noarch 0:0.12-7.amzn2 java-1.8.0-openjdk-devel.x86_64 1:1.8.0.312.b07-1.amzn2.0.2
libXcomposite.x86_64 0:0.4.4-4.1.amzn2.0.2 libXcursor.x86_64 0:1.1.15-1.amzn2
libXft.x86_64 0:2.3.2-2.amzn2.0.2 libXxf86vm.x86_64 0:5.0.3-1.amzn2.0.2 libXxf86vm-5.0.3-1.amzn2.0.2
libglvnd.x86_64 0:1.0.1-0.1.git5baa1e5.amzn2.0.1 libglvnd-glx.x86_64 0:1.0.1-0.1.git5baa1e5.amzn2.0.1
libglvnd-egl.x86_64 0:1.0.1-0.1.git5baa1e5.amzn2.0.1 libglvnd-server.x86_64 0:1.17.0-1.amzn2
libwayland-client.x86_64 0:1.17.0-1.amzn2 libwayland-server.x86_64 0:1.17.0-1.amzn2
libxshmfence.x86_64 0:1.2-1.amzn2.0.2 mesa-libBGL.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 pangoc.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 ttfkfdir.x86_64 0:3.0.9-42.amzn2.0.2
tddata-java.noarch 0:2021e-1.amzn2 xorg-x11-font-util.x86_64 1:7.5-21.amzn2 xorg-x11-fonts-Type1.noarch 0:7.5-9.amzn2

Complete!
[ec2-user@ip-172-31-30-210 ~]$ wget https://awspringbootdeploy.s3.amazonaws.com/my-spring-boot-web-aws-exe.jar
--2022-03-09 17:31:56-- https://awspringbootdeploy.s3.amazonaws.com/my-spring-boot-web-aws-exe.jar
Resolving awspringbootdeploy.s3.amazonaws.com (awspringbootdeploy.s3.amazonaws.com)... 52.217.87.124
Connecting to awspringbootdeploy.s3.amazonaws.com (awspringbootdeploy.s3.amazonaws.com) [52.217.87.124]:443... connected.
HTTP request sent, awaiting response... 200 OK
```

```
ec2-user@ip-172-31-30-210-
2022-03-09 17:33:08.583 INFO 19688 --- [ main] o.s.web.servlet.DispatcherServlet : Initializing Servlet 'dispatcherServlet'
2022-03-09 17:33:08.584 INFO 19688 --- [ main] o.s.web.servlet.DispatcherServlet : Completed initialization in 1 ms
2022-03-09 17:33:08.624 INFO 19688 --- [ main] o.e.jetty.server.AbstractConnector : Started ServerConnector@58e1d9d(HTTP/1.1, (http/1.1)){0.0.0.0:9090}
2022-03-09 17:33:08.630 INFO 19688 --- [ main] o.s.b.w.embedded.jetty.JettyWebServer : Jetty started on port(s) 9090 (http/1.1) with context path '/'
2022-03-09 17:33:08.630 INFO 19688 --- [ main] com.simplilearn.workshop.WyApplication : Started WyApplication in 6.057 seconds (JVM running for 7.959)
2022-03-09 17:41:58.143 INFO 19688 --- [ionShutdownHook] o.e.jetty.server.AbstractConnector : Stopped ServerConnector@58e1d9d(HTTP/1.1, (http/1.1)){0.0.0.0:9090}
2022-03-09 17:41:58.143 INFO 19688 --- [ionShutdownHook] org.eclipse.jetty.server.session : node0 Stopped scavenging
2022-03-09 17:41:58.149 INFO 19688 --- [ionShutdownHook] o.e.j.s.h.ContextHandler.application : Destroying Spring FrameworkServlet 'dispatcherServlet'
2022-03-09 17:41:58.150 INFO 19688 --- [ionShutdownHook] o.e.jetty.server.handler.ContextHandler : Stopped o.s.b.w.e.j.JettyEmbeddedWebAppContext@30e86bfe(application/, [file:///tmp/jetty
-dchbase.9090.6295596277141799148/], STOPPED)
[ec2-user@ip-172-31-30-210 ~]$ wget https://awspringbootdeploy.s3.amazonaws.com/SpringBoot-AWS-exe.jar
--2022-03-09 17:42:12-- https://awspringbootdeploy.s3.amazonaws.com/SpringBoot-AWS-exe.jar
Resolving awspringbootdeploy.s3.amazonaws.com (awspringbootdeploy.s3.amazonaws.com)... 52.216.140.100
Connecting to awspringbootdeploy.s3.amazonaws.com (awspringbootdeploy.s3.amazonaws.com) [52.216.140.100]:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 17057516 (16M) [binary/octet-stream]
Saving to: 'SpringBoot-AWS-exe.jar'

100%[=====] 17,057,516 63.3MB/s in 0.3s

2022-03-09 17:42:14 (63.3 MB/s) - 'SpringBoot-AWS-exe.jar' saved [17057516/17057516]

[ec2-user@ip-172-31-30-210 ~]$ ls
my-spring-boot-web-aws-exe.jar SpringBoot-AWS-exe.jar
[ec2-user@ip-172-31-30-210 ~]$ java -jar C
[ec2-user@ip-172-31-30-210 ~]$ SpringBoot-AWS-exe.jar
-bash: SpringBoot-AWS-exe.jar: command not found
[ec2-user@ip-172-31-30-210 ~]$ java -jar SpringBoot-AWS-exe.jar

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: Spring Boot : (v2.4.5)

2022-03-09 17:44:10.982 INFO 25327 --- [ main] c.example.demo.SpringBootAwsApplication : Starting SpringBootAwsApplication v0.0.1-SNAPSHOT using Java 17.0.2 on ip-172-31-30-210.
ec2.internal with PID 25327 (/home/ec2-user/SpringBoot-AWS-exe.jar started by ec2-user in /home/ec2-user)
2022-03-09 17:44:11.001 INFO 25327 --- [ main] c.example.demo.SpringBootAwsApplication : No active profile set, falling back to default profiles: default
2022-03-09 17:44:13.608 INFO 25327 --- [ main] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat initialized with port(s): 8081 (http)
2022-03-09 17:44:13.638 INFO 25327 --- [ main] o.apache.catalina.core.StandardService : Starting service [Tomcat]
2022-03-09 17:44:13.639 INFO 25327 --- [ main] org.apache.catalina.core.StandardEngine : Starting Servlet engine: [Apache Tomcat/9.0.45]
2022-03-09 17:44:13.746 INFO 25327 --- [ main] o.a.c.c.C.[Tomcat].[localhost].[/] : Initializing Spring embedded WebApplicationContext
2022-03-09 17:44:13.750 INFO 25327 --- [ main] w.s.c.ServletWebServerApplicationContext : Root WebApplicationContext: initialization completed in 2569 ms
2022-03-09 17:44:14.698 INFO 25327 --- [ main] o.s.b.c.Concurrent.ThreadPoolTaskExecutor : Initializing ExecutorService 'applicationTaskExecutor'
2022-03-09 17:44:15.165 INFO 25327 --- [ main] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat started on port(s): 8081 (http) with context path '/'
2022-03-09 17:44:15.190 INFO 25327 --- [ main] c.example.demo.SpringBootAwsApplication : Started SpringBootAwsApplication in 5.684 seconds (JVM running for 6.708)
```

