

A screenshot of a terminal window on an Amazon Linux 2023 instance. The terminal shows the following commands and output:
1. `https://aws.amazon.com/linux/amazon-linux-2023`
2. `Last login: Thu Sep 12 03:13:51 2024 from 13.48.4.203`
3. `[ec2-user@ip-172-31-46-96 ~]\$ sudo su`
4. `[root@ip-172-31-46-96 ec2-user]# yum install httpd -y`
5. `Last metadata expiration check: 1 day, 1:37:37 ago on Thu Sep 12 03:13:34 2024.`
6. `Package httpd-2.4.62-1.amzn2023.x86_64 is already installed.`
7. `Dependencies resolved.`
8. `Nothing to do.`
9. `Complete!`
10. `[root@ip-172-31-46-96 ec2-user]# service httpd start`
11. `Redirecting to /bin/systemctl start httpd.service`
12. `[root@ip-172-31-46-96 ec2-user]# cd /var/www/html`
13. `[root@ip-172-31-46-96 html]# vi linux.html`
14. `[root@ip-172-31-46-96 html]# cat linux.html`
15. `this is machine 2`
16. `[root@ip-172-31-46-96 html]#`
Below the terminal window, the instance details are shown:
- Instance ID: i-08f6900321ffd916a (ZAFREENlinux)
- Public IPs: 16.170.205.15
- Private IPs: 172.31.46.96
The bottom of the image shows a Windows taskbar with various application icons and system tray information.

Course: 19AI411-Neural N...TTM4: S5-M4-D3-L1-String...Load balancer details | EC...EC2 Instance Connect...EC2 Instance Connect...classic12-159305461.eu-n...

eu-north-1.console.aws.amazon.com/ec2-instance-connect/ssh?connType=standard&instanceId=i-09c6cc30dff66c07f&osUser=ec2-user®ion=eu-north-1&sshPort=22#/

awsServicesSearch[Alt+S]

#####Amazon Linux 2023#####https://aws.amazon.com/linux/amazon-linux-2023

Last login: Thu Sep 12 03:13:41 2024 from 13.48.4.202
[ec2-user@ip-172-31-23-207 ~]\$ sudo su
[root@ip-172-31-23-207 ec2-user]#
[root@ip-172-31-23-207 ec2-user]# yum install httpd -y
Last metadata expiration check: 1 day, 1:38:11 ago on Thu Sep 12 03:12:36 2024.
Package httpd-2.4.62-1.amzn2023.x86_64 is already installed.
Dependencies resolved.
Nothing to do.
Complete!
[root@ip-172-31-23-207 ec2-user]# service httpd start
Redirecting to /bin/systemctl start httpd.service
[root@ip-172-31-23-207 ec2-user]# cd /var/www/html
[root@ip-172-31-23-207 html]# vi linux.html
[root@ip-172-31-23-207 html]# cat linux.html
i am zaifreen from cse department
this is MACHINE 1
[root@ip-172-31-23-207 html]#

i-09c6cc30dff66c07f (ZAFlinux)
PublicIPs: 51.20.136.137 PrivateIPs: 172.31.23.207

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19AI411: PART B and C ANSWER

Load balancers | EC2 | eu-north-1

EC2 Instance Connect

EC2 Instance Connect

eu-north-1.console.aws.amazon.com/ec2/home?region=eu-north-1#LoadBalancers:

awsServicesSearch[Alt+S]

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AMI Catalog

Elastic Block Store

Volumes

Snapshots

Lifecycle Manager

Network & Security

Security Groups

Elastic IPs

Placement Groups

Key Pairs

Network Interfaces

Load Balancing

Load Balancers

Target Groups

Trust Stores

Auto Scaling

Auto Scaling Groups

Settings

EC2 > Load balancers

Load balancers (1/2)

Elastic Load Balancing scales your load balancer capacity automatically in response to changes in incoming traffic.

Filter load balancers

< 1 >

	Name	DNS name	State	VPC ID	Availability Zones	Type
<input type="checkbox"/>	classic12	classic12-159305461.eu-n...	-	vpc-0702ad1ea495e2...	2 Availability Zones	classic
<input checked="" type="checkbox"/>	zafreen	zafreen-110403633.eu-no...	Active	vpc-0702ad1ea495e2...	2 Availability Zones	application

Load balancer: zafreen

Details

Listeners and rules

Network mapping

Resource map - new

Security

Monitoring

Integrations

Attributes

Tags

Details

Load balancer type	Status	VPC	Load balancer IP address type
Application	Active	vpc-0702ad1ea495e2e74	IPv4
Scheme	Hosted zone	Availability Zones	Date created
Internet-facing	Z23TAZ6LKFMNIO	subnet-004fbc397ceeb7252 eu-	September 20, 2024, 10:26

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Search

ENGIN

11:0920-09-2024

19AI411: PART B and C ANSWER

Target groups | EC2 | eu-north-1

EC2 Instance Connect

EC2 Instance Connect

eu-north-1.console.aws.amazon.com/ec2/home?region=eu-north-1#TargetGroups:

awsServicesSearch[Alt+S]

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AMI Catalog

Elastic Block Store

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Network & Security

Security Groups

Elastic IPs

Placement Groups

Key Pairs

Network Interfaces

Load Balancing

Load Balancers

Target Groups

Trust Stores

Auto Scaling

Auto Scaling Groups

Settings

Target groups (1/5)

Filter target groups

1

	Name	ARN	Port	Protocol	Target type	Load balancer
<input type="checkbox"/>	purchase11	arn:aws:elasticloadbalancing:eu-north-1:536697237832:targetgroup/purchase11/6c387a42b92ec3b2	80	HTTP	Instance	application1
<input checked="" type="checkbox"/>	zafreen	arn:aws:elasticloadbalancing:eu-north-1:536697237832:targetgroup/zafreen/6c387a42b92ec3b2	80	HTTP	Instance	None associated

Target group: zafreen

Details

Targets

Monitoring

Health checks

Attributes

Tags

Details

arn:aws:elasticloadbalancing:eu-north-1:536697237832:targetgroup/zafreen/6c387a42b92ec3b2

Target type	Protocol : Port	Protocol version	VPC
Instance	HTTP: 80	HTTP1	vpc-0702ad1ea495e2e74
IP address type	Load balancer		

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ENG IN

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Launch templates | EC2 | eu-nor

eu-north-1.console.aws.amazon.com/ec2/home?region=eu-north-1#LaunchTemplates:

Services

Search

[Alt+S]

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EC2 Global View

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Lifecycle Manager

Launch Templates (1/2)

Info

Actions

Create launch template

Search

1

Launch Template ID	Launch Template Name	Default Version	Latest Version	Create Time	Created ...
<input checked="" type="checkbox"/> lt-02506059afb065450	zafreen	1	1	2024-09-20T05:27:53.000Z	arn:aws:ia...
<input type="checkbox"/> lt-04884f6d0e0beb765	gayathri	1	1	2024-09-20T05:10:52.000Z	arn:aws:ia...

zafreen (lt-02506059afb065450)

Launch template details

Actions

Delete template

Launch template ID

lt-02506059afb065450

Launch template name

zafreen

Default version

1

Owner

arn:aws:iam::536697237832:root

Details

Versions

Template tags

Launch template version details

Actions

Delete template version

CloudShell

Feedback

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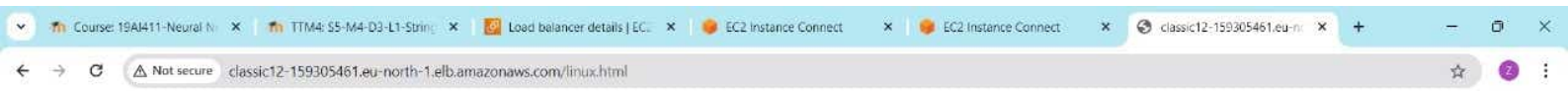
Search

ENG

IN

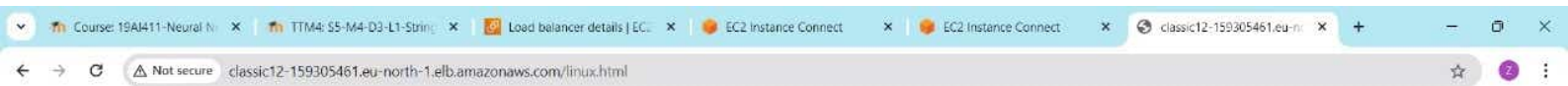
11:30

20-09-2024



i am zafreen from cse department this is mACHINE 1





this is machine 2



User report | Grades | 19AIS41

Instances | EC2 | eu-north-1

EC2 Instance Connect

EC2 Instance Connect

eu-north-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=eu-north-1&connType=standard&instanceId=i-08c29104384db9221&osUser=ec2-user&sshPort=22&addressFamily=ipv4#/

aws

Services

Search

[Alt+S]

Stockholm

ZafreenJagir

Keyboard shortcut

To tab out of the terminal window and select the next button element, press the left and right Shift keys together.

Close permanently

Verifying : apr-1.7.2-2.amzn2023.0.2.x86_64 1/12

Verifying : apr-util-1.6.3-1.amzn2023.0.1.x86_64 2/12

Verifying : apr-util-openssl-1.6.3-1.amzn2023.0.1.x86_64 3/12

Verifying : generic-logos-httpd-18.0.0-12.amzn2023.0.3.noarch 4/12

Verifying : httpd-2.4.62-1.amzn2023.x86_64 5/12

Verifying : httpd-core-2.4.62-1.amzn2023.x86_64 6/12

Verifying : httpd-filesystem-2.4.62-1.amzn2023.noarch 7/12

Verifying : httpd-tools-2.4.62-1.amzn2023.x86_64 8/12

Verifying : libbrotli-1.0.9-4.amzn2023.0.2.x86_64 9/12

Verifying : mailcap-2.1.49-3.amzn2023.0.3.noarch 10/12

Verifying : mod_http2-2.0.27-1.amzn2023.0.3.x86_64 11/12

Verifying : mod_lua-2.4.62-1.amzn2023.x86_64 12/12

Installed:

apr-1.7.2-2.amzn2023.0.2.x86_64 apr-util-1.6.3-1.amzn2023.0.1.x86_64 apr-util-openssl-1.6.3-1.amzn2023.0.1.x86_64

generic-logos-httpd-18.0.0-12.amzn2023.0.3.noarch httpd-2.4.62-1.amzn2023.x86_64 httpd-core-2.4.62-1.amzn2023.x86_64

httpd-filesystem-2.4.62-1.amzn2023.noarch httpd-tools-2.4.62-1.amzn2023.x86_64 libbrotli-1.0.9-4.amzn2023.0.2.x86_64

mailcap-2.1.49-3.amzn2023.0.3.noarch mod_http2-2.0.27-1.amzn2023.0.3.x86_64 mod_lua-2.4.62-1.amzn2023.x86_64

Complete!

[root@ip-172-31-35-176 ec2-user]# service httpd start

Redirecting to /bin/systemctl start httpd.service

[root@ip-172-31-35-176 ec2-user]# cd /var/www/html

[root@ip-172-31-35-176 html]# vi linux.html

[root@ip-172-31-35-176 html]# cat linux.html

from CSE department 2 Year

[root@ip-172-31-35-176 html]#

i-08c29104384db9221 (ZAFREENLINUX)

PublicIPs: 13.60.17.244 PrivateIPs: 172.31.35.176

CloudShell

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Mostly cloudy

Search

09:04

17-10-2024

User report | Grades | 19A1S41 | Instances | EC2 | eu-north-1 | EC2 Instance Connect | EC2 Instance Connect

eu-north-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=eu-north-1&connType=standard&instanceId=i-08adefc43c0a48877&osUser=ec2-user&sshPort=22&addressFamily=ipv4#

Services Search [Alt+S]

Stockholm Zaheen Jagir

Keyboard shortcut
To tab out of the terminal window and select the next button element, press the left and right Shift keys together.

Close permanently

Verifying : apr-util-1.6.3-1.amzn2023.0.1.x86_64 2/12
Verifying : apr-util-openssl-1.6.3-1.amzn2023.0.1.x86_64 3/12
Verifying : generic-logos-httpd-18.0.0-12.amzn2023.0.3.noarch 4/12
Verifying : httpd-2.4.62-1.amzn2023.x86_64 5/12
Verifying : httpd-core-2.4.62-1.amzn2023.x86_64 6/12
Verifying : httpd-filesystem-2.4.62-1.amzn2023.noarch 7/12
Verifying : httpd-tools-2.4.62-1.amzn2023.x86_64 8/12
Verifying : libbrotli-1.0.9-4.amzn2023.0.2.x86_64 9/12
Verifying : mailcap-2.1.49-3.amzn2023.0.3.noarch 10/12
Verifying : mod_http2-2.0.27-1.amzn2023.0.3.x86_64 11/12
Verifying : mod_lua-2.4.62-1.amzn2023.x86_64 12/12

Installed:
apr-1.7.2-2.amzn2023.0.2.x86_64 apr-util-1.6.3-1.amzn2023.0.1.x86_64 apr-util-openssl-1.6.3-1.amzn2023.0.1.x86_64
generic-logos-httpd-18.0.0-12.amzn2023.0.3.noarch httpd-2.4.62-1.amzn2023.x86_64 httpd-core-2.4.62-1.amzn2023.x86_64
httpd-filesystem-2.4.62-1.amzn2023.noarch httpd-tools-2.4.62-1.amzn2023.x86_64 libbrotli-1.0.9-4.amzn2023.0.2.x86_64
mailcap-2.1.49-3.amzn2023.0.3.noarch mod_http2-2.0.27-1.amzn2023.0.3.x86_64 mod_lua-2.4.62-1.amzn2023.x86_64

Complete!
[root@ip-172-31-37-101 ec2-user]# mkdir shop2
[root@ip-172-31-37-101 ec2-user]# cd shop2
[root@ip-172-31-37-101 shop2]# vi shop2
[root@ip-172-31-37-101 shop2]# vi shop2.html
[root@ip-172-31-37-101 shop2]# cat shop2.html
This is machine2!

[root@ip-172-31-37-101 shop2]#

i-08adefc43c0a48877 (ZAFREENLINUX)

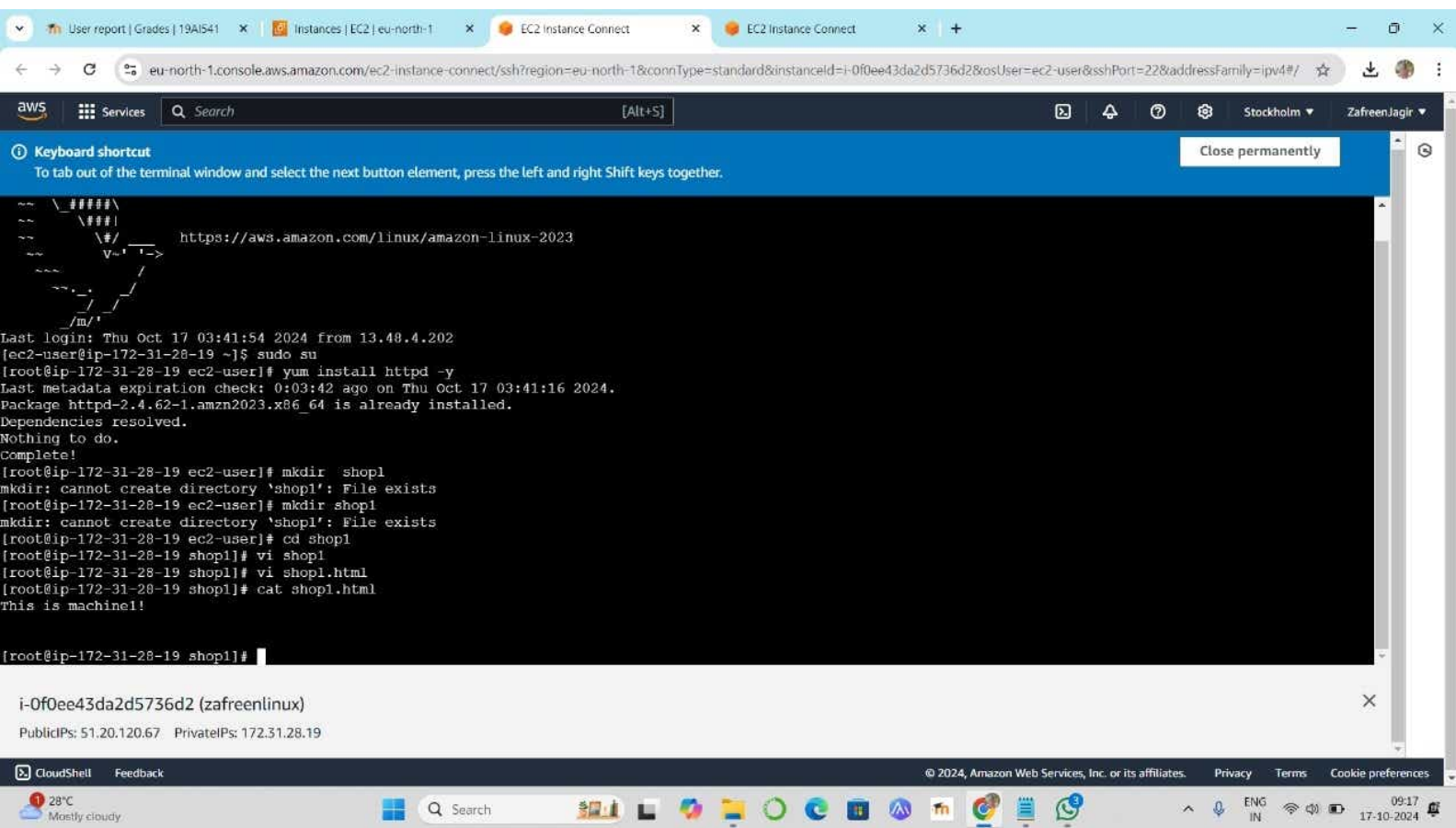
PublicIPs: 16.170.228.120 PrivateIPs: 172.31.37.101

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28°C Mostly cloudy 09:16 17-10-2024

A screenshot of a terminal window within a web browser. The browser's address bar shows the URL: eu-north-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=eu-north-1&connType=standard&instanceId=i-0e2b3464525a0f759&osUser=ec2-user&sshPort=22&addressFamily=ipv4#. The terminal output shows the user logging in as 'ec2-user' on 'Thu Oct 17 03:30:37 2024' from IP '13.48.4.203'. The user runs 'sudo su' to become root. Then, 'yum install httpd -y' is executed, showing that the package is already installed. The user then runs 'service httpd start', which is redirected to 'systemctl start httpd.service'. Next, the user navigates to '/var/www/html' and creates a file 'linux.html' using 'vi'. The content of 'linux.html' is 'Hi I am Zafreen'. The terminal prompt is '[root@ip-172-31-20-72 html]#'. The browser interface includes an AWS Services menu, a search bar, and a 'Close permanently' button in the top right of the terminal window.



19AI411: PART B and C ANSWER

Launch templates | EC2 | eu-nor

eu-north-1.console.aws.amazon.com/ec2/home?region=eu-north-1#LaunchTemplates:

Services

Search

[Alt+S]

Stockholm

ZaheenJagir

EC2 Dashboard

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Launch Templates (1/2)

Info

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Create launch template

Search

1

Launch Template ID	Launch Template Name	Default Version	Latest Version	Create Time	Created ...
lt-02506059afb065450	zafreen	1	1	2024-09-20T05:27:53.000Z	arn:aws:ia...
lt-04884f6d0e0beb765	gayathri	1	1	2024-09-20T05:10:52.000Z	arn:aws:ia...

gayathri (lt-04884f6d0e0beb765)

Launch template details

Actions

Delete template

Launch template ID

lt-04884f6d0e0beb765

Launch template name

gayathri

Default version

1

Owner

arn:aws:iam::536697237832:root

Details

Versions

Template tags

Launch template version details

Actions

Delete template version

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Search

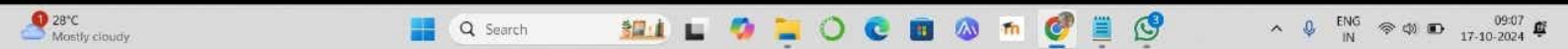
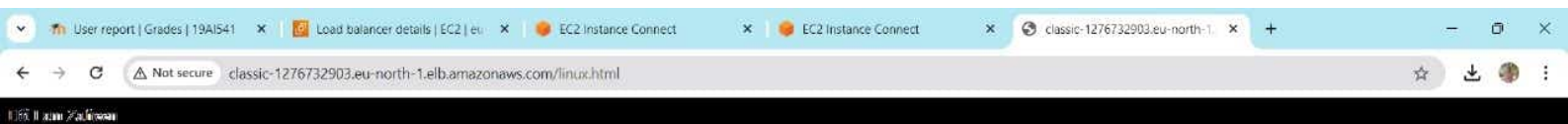
11:30

20-09-2024



from CSE department 2 Year





Course: 19AI411-Neural N

TTM4: S5-M4-D3-L1-String

Load balancer details | EC2

EC2 Instance Connect

EC2 Instance Connect

classic12-159305461.eu-n

eu-north-1.console.aws.amazon.com/ec2/home?region=eu-north-1#LoadBalancer:loadBalancerArn=classic12;tab=listeners

awsServicesSearch[Alt+S]

StockholmZafreen Jagir

EC2 Dashboard

EC2 Global View

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AMI Catalog

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Lifecycle Manager

EC2 > Load balancers > classic12

classic12

Details

Load balancer type

Classic

Status

2 of 2 instances in service

VPC

vpc-0702ad1ea495e2e74

Date created

September 13, 2024, 10:34 (UTC+05:30)

Scheme

Internet-facing

Hosted zone

Z23TAZ6LKFMNIO

Availability Zones

subnet-004fbc397ceeb7252 eu-north-1b (eu-n1-az2)

subnet-08bf10cd5e888ef98 eu-north-1a (eu-n1-az1)

DNS name copied

classic12-159305461.eu-north-1.elb.amazonaws.com (A Record)

This Classic Load Balancer can be migrated to a next generation load balancer. Migration wizard uses your load balancer's current configurations to create a new load balancer. Launch migration wizard

Distribution of targets by Availability Zone (AZ)

For each enabled Availability Zone, you can view the number of registered Instances and their current health states. Selecting any values here will apply the corresponding filter to the Target Instances table.

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Search

ENG IN

11:00 13-09-2024

19AI411: PART B and C ANSWERS

Instances | EC2 | eu-north-1

EC2 Instance Connect

EC2 Instance Connect

eu-north-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=eu-north-1&connType=standard&instanceId=i-05da47297fd3c17e9&osUser=ec2-user&sshPort=22&addressFamily=ipv4#/

aws

Services

Search

[Alt+S]

Stockholm

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Installing : mod_http2-2.0.27-1.amzn2023.0.3.x86_64 9/12

Installing : mod_lua-2.4.62-1.amzn2023.x86_64 10/12

Installing : generic-logos-httpd-18.0.0-12.amzn2023.0.3.noarch 11/12

Installing : httpd-2.4.62-1.amzn2023.x86_64 12/12

Running scriptlet: httpd-2.4.62-1.amzn2023.x86_64 12/12

Verifying : apr-1.7.2-2.amzn2023.0.2.x86_64 1/12

Verifying : apr-util-1.6.3-1.amzn2023.0.1.x86_64 2/12

Verifying : apr-util-openssl-1.6.3-1.amzn2023.0.1.x86_64 3/12

Verifying : generic-logos-httpd-18.0.0-12.amzn2023.0.3.noarch 4/12

Verifying : httpd-2.4.62-1.amzn2023.x86_64 5/12

Verifying : httpd-core-2.4.62-1.amzn2023.x86_64 6/12

Verifying : httpd-filesystem-2.4.62-1.amzn2023.noarch 7/12

Verifying : httpd-tools-2.4.62-1.amzn2023.x86_64 8/12

Verifying : libbrotli-1.0.9-4.amzn2023.0.2.x86_64 9/12

Verifying : mailcap-2.1.49-3.amzn2023.0.3.noarch 10/12

Verifying : mod_http2-2.0.27-1.amzn2023.0.3.x86_64 11/12

Verifying : mod_lua-2.4.62-1.amzn2023.x86_64 12/12

Installed:

apr-1.7.2-2.amzn2023.0.2.x86_64 apr-util-1.6.3-1.amzn2023.0.1.x86_64 apr-util-openssl-1.6.3-1.amzn2023.0.1.x86_64

generic-logos-httpd-18.0.0-12.amzn2023.0.3.noarch httpd-2.4.62-1.amzn2023.x86_64 httpd-core-2.4.62-1.amzn2023.x86_64

httpd-filesystem-2.4.62-1.amzn2023.noarch httpd-tools-2.4.62-1.amzn2023.x86_64 libbrotli-1.0.9-4.amzn2023.0.2.x86_64

mailcap-2.1.49-3.amzn2023.0.3.noarch mod_http2-2.0.27-1.amzn2023.0.3.x86_64 mod_lua-2.4.62-1.amzn2023.x86_64

Complete!

[root@ip-172-31-45-99 ec2-user]# cd /var/www/html

[root@ip-172-31-45-99 html]# vi index.html

[root@ip-172-31-45-99 html]#

i-05da47297fd3c17e9

PublicIPs: 16.170.228.47 PrivateIPs: 172.31.45.99

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11:10

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