

TS SDP4 (Cloud DevOps)

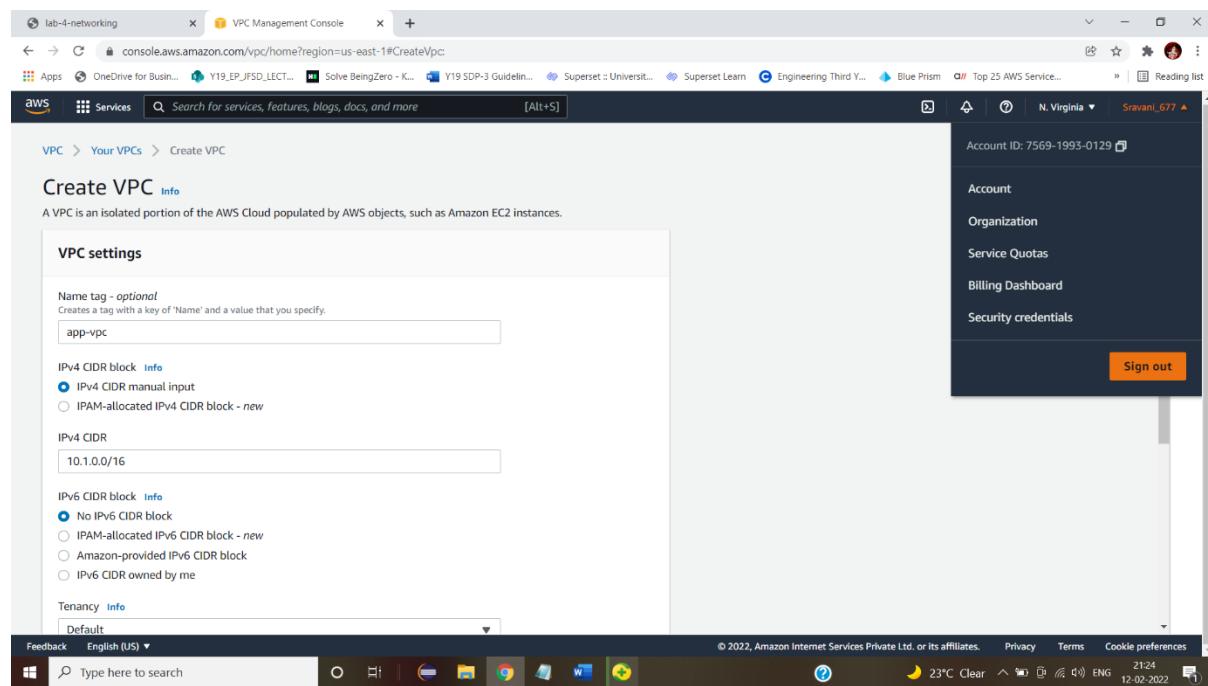
ID NO: 190030677

Name: K. Sravani

Skilling-8

Create second availability zone in VPC (another public and private subnets) followed by proper routing routing tables and use it to host another ec2 instance which is created as a resemblance of the first one which you had done. Now make elastic load balancer to control the traffic and ensure the hosted application is been delivered form both the instances in live.

Create launch templates and use those in auto scaling group to auto scale the instances. Connect the auto scaling with your ec2 and instances created and make that you application is auto scaled when the CPU utilization crosses the 70% mark. Set these in alarm to trigger the auto scale event and ensure that, additional instances are created for serving, when the load goes up.



Screenshot of the AWS VPC Management Console showing the creation of a new VPC.

IPv4 CIDR: 10.1.0.0/16

IPv6 CIDR block: No IPv6 CIDR block

Tenancy: Default

Tags:

Key	Value - optional
Name	app-vpc

Create VPC button

Feedback English (US) Type here to search © 2022, Amazon Internet Services Private Ltd. or its affiliates. Privacy Terms Cookie preferences

Screenshot of the AWS VPC Management Console showing the successful creation of a new VPC.

VPC ID: [vpc-0cea7ee430c94263b](#)

State: Available

DHCP options set: [dopt-0d0a43f2ba68b2278](#)

Default VPC: No

IPv4 CIDR: 10.1.0.0/16

Route 53 Resolver DNS Firewall rule groups: -

Owner ID: 756919930129

CIDRS | Flow logs | Tags

Feedback English (US) Type here to search © 2022, Amazon Internet Services Private Ltd. or its affiliates. Privacy Terms Cookie preferences

Screenshot of the AWS Management Console showing the "Attach to VPC" dialog box. The URL is <https://console.aws.amazon.com/vpc/home?region=us-east-1#AttachInternetGateway:internetGatewayId=igw-072c81e63e163f7f8>. The sidebar shows "Available VPCs" with the ID "vpc-0cea7ee430c94263b" selected. The main action button is "Attach internet gateway".

Screenshot of the AWS Management Console showing the "Create internet gateway" dialog box. The URL is <https://console.aws.amazon.com/vpc/home?region=us-east-1#CreateInternetGateway>. The sidebar shows "Internet gateway settings" with a "Name tag" field containing "app-igw". The "Tags - optional" section shows one tag: "Name" with value "app-igw". The main action button is "Create internet gateway".

Screenshot of the AWS VPC Management Console showing the successful attachment of an Internet gateway to a VPC.

Details:

Internet gateway ID	igw-072c81e63e163f7f8
State	Attached
VPC ID	vpc-0cea7ee430c94263b app-vpc
Owner	756919930129

Tags:

Key	Value
Name	app-igw

Navigation: VPC > Internet gateways > igw-072c81e63e163f7f8

Actions: Actions ▾

Header: lab-4-networking VPC Management Console

Bottom Bar: © 2022, Amazon Internet Services Private Ltd. or its affiliates. Privacy Terms Cookie preferences

Screenshot of the AWS VPC Management Console showing the creation of a new subnet.

VPC ID: vpc-0cea7ee430c94263b (app-vpc)

Associated VPC CIDRs: 10.1.0.0/16

Subnet settings:

Subnet 1 of 4:

Subnet name: public subnet 1

Account Sidebar:

- Account ID: 7569-1993-0129
- Organization
- Service Quotas
- Billing Dashboard
- Security credentials

Bottom Bar: © 2022, Amazon Internet Services Private Ltd. or its affiliates. Privacy Terms Cookie preferences

Screenshot of the AWS VPC Management Console showing the creation of Subnet 1 of 4.

Subnet 1 of 4

Subnet name: public subnet 1

Availability Zone: US East (N. Virginia) / us-east-1a

IPv4 CIDR block: 10.1.1.0/24

Tags - optional:

Key	Value - optional
Name	public subnet 1

Subnet 2 of 4

Subnet name: public subnet 2

Availability Zone: US East (N. Virginia) / us-east-1b

IPv4 CIDR block: 10.1.2.0/24

Tags - optional:

Key	Value - optional
Name	public subnet 2

Subnet 3 of 4

Subnet name: public subnet 3

Availability Zone: US East (N. Virginia) / us-east-1c

IPv4 CIDR block: 10.1.3.0/24

Tags - optional:

Key	Value - optional
Name	public subnet 3

Subnet 4 of 4

Subnet name: public subnet 4

Availability Zone: US East (N. Virginia) / us-east-1d

IPv4 CIDR block: 10.1.4.0/24

Tags - optional:

Key	Value - optional
Name	public subnet 4

Screenshot of the AWS VPC Management Console showing the creation of Subnet 2 of 4.

Subnet 2 of 4

Subnet name: public subnet 2

Availability Zone: US East (N. Virginia) / us-east-1b

IPv4 CIDR block: 10.1.2.0/24

Tags - optional:

Key	Value - optional
Name	public subnet 2

Subnet 3 of 4

Subnet name: public subnet 3

Availability Zone: US East (N. Virginia) / us-east-1c

IPv4 CIDR block: 10.1.3.0/24

Tags - optional:

Key	Value - optional
Name	public subnet 3

Subnet 4 of 4

Subnet name: public subnet 4

Availability Zone: US East (N. Virginia) / us-east-1d

IPv4 CIDR block: 10.1.4.0/24

Tags - optional:

Key	Value - optional
Name	public subnet 4

Subnet 3 of 4

Subnet name
Create a tag with a key of 'Name' and a value that you specify.

The name can be up to 256 characters long.

Availability Zone [Info](#)
Choose the zone in which your subnet will reside, or let Amazon choose one for you.

IPv4 CIDR block [Info](#)

▼ Tags - optional

Key	Value - optional
<input type="text" value="Name"/>	<input type="text" value="private subnet 1"/>

[Add new tag](#)
You can add 49 more tags.

[Remove](#)

Subnet 4 of 4

Subnet name
Create a tag with a key of 'Name' and a value that you specify.

Feedback English (US) ▾ Type here to search © 2022, Amazon Internet Services Private Ltd. or its affiliates. Privacy Terms Cookie preferences 21:30 12-02-2022

Subnet 4 of 4

Subnet name
Create a tag with a key of 'Name' and a value that you specify.

The name can be up to 256 characters long.

Availability Zone [Info](#)
Choose the zone in which your subnet will reside, or let Amazon choose one for you.

IPv4 CIDR block [Info](#)

▼ Tags - optional

Key	Value - optional
<input type="text" value="Name"/>	<input type="text" value="private subnet 2"/>

[Add new tag](#)
You can add 49 more tags.

[Remove](#)

[Add new subnet](#)

Feedback English (US) ▾ Type here to search © 2022, Amazon Internet Services Private Ltd. or its affiliates. Privacy Terms Cookie preferences 21:30 12-02-2022

Subnets | VPC Management Con... +

console.aws.amazon.com/vpc/home?region=us-east-1#subnets:SubnetId=subnet-0b09d769c79445292,subnet-0e3c0a5ac1dd3c043,subnet-05e7e71070ceb236e,subnet-061fb1f82ce52a6f8

Apps OneDrive for Busin... Y19_EP_JFSD_LECT... Solve BeingZero - K... Y19 SDP-3 Guidelin... Superset :: Univers... Superset Learn Engineering Third Y... Blue Prism Top 25 AWS Service... Reading list N. Virginia Sravani, 677

New VPC Experience Tell us what you think

VPC Dashboard EC2 Global View New Filter by VPC: Select a VPC

VIRTUAL PRIVATE CLOUD

- Your VPCs
- Subnets**
- Route Tables
- Internet Gateways
- Egress Only Internet Gateways
- Carrier Gateways
- DHCP Options Sets
- Elastic IPs
- Managed Prefix Lists
- Endpoints New
- Endpoint Services
- NAT Gateways
- Peering Connections

Feedback English (US) Type here to search © 2022, Amazon Internet Services Private Ltd. or its affiliates. Privacy Terms Cookie preferences 21:30 23°C Clear ENG 12-02-2022

You have successfully created 4 subnets: subnet-0b09d769c79445292, subnet-0e3c0a5ac1dd3c043, subnet-05e7e71070ceb236e, subnet-061fb1f82ce52a6f8

Subnets (4) Info Actions Create subnet

Filter subnets

Subnet ID: subnet-0b09d769c79445292 Subnet ID: subnet-0e3c0a5ac1dd3c043 Subnet ID: subnet-05e7e71070ceb236e

Subnet ID: subnet-061fb1f82ce52a6f8 Clear filters

Name	Subnet ID	State	VPC	IPv4 CIDR	IPv6 CIDR
public subnet 2	subnet-0e3c0a5ac1dd3c043	Available	vpc-0cea7ee430c94263b app...	10.1.2.0/24	-
public subnet 1	subnet-0b09d769c79445292	Available	vpc-0cea7ee430c94263b app...	10.1.1.0/24	-
private subnet 2	subnet-061fb1f82ce52a6f8	Available	vpc-0cea7ee430c94263b app...	10.1.4.0/24	-
private subnet 1	subnet-05e7e71070ceb236e	Available	vpc-0cea7ee430c94263b app...	10.1.3.0/24	-

Select a subnet

Subnets | VPC Management Con... +

console.aws.amazon.com/vpc/home?region=us-east-1#subnets:SubnetId=subnet-0b09d769c79445292,subnet-0e3c0a5ac1dd3c043,subnet-05e7e71070ceb236e,subnet-061fb1f82ce52a6f8

Apps OneDrive for Busin... Y19_EP_JFSD_LECT... Solve BeingZero - K... Y19 SDP-3 Guidelin... Superset :: Univers... Superset Learn Engineering Third Y... Blue Prism Top 25 AWS Service... Reading list N. Virginia Sravani, 677

New VPC Experience Tell us what you think

VPC Dashboard EC2 Global View New Filter by VPC: Select a VPC

VIRTUAL PRIVATE CLOUD

- Your VPCs
- Subnets**
- Route Tables
- Internet Gateways
- Egress Only Internet Gateways
- Carrier Gateways
- DHCP Options Sets
- Elastic IPs
- Managed Prefix Lists
- Endpoints New
- Endpoint Services
- NAT Gateways
- Peering Connections

Feedback English (US) Type here to search © 2022, Amazon Internet Services Private Ltd. or its affiliates. Privacy Terms Cookie preferences 21:32 23°C Clear ENG 12-02-2022

You have successfully created 4 subnets: subnet-0b09d769c79445292, subnet-0e3c0a5ac1dd3c043, subnet-05e7e71070ceb236e, subnet-061fb1f82ce52a6f8

Subnets (1/4) Info Actions Create subnet

Filter subnets

Subnet ID: subnet-0b09d769c79445292 Subnet ID: subnet-0e3c0a5ac1dd3c043 Subnet ID: subnet-05e7e71070ceb236e

Subnet ID: subnet-061fb1f82ce52a6f8 Clear filters

Name	Subnet ID	State	VPC	IPv4 CIDR
public subnet 2	subnet-0e3c0a5ac1dd3c043	Available	vpc-0cea7ee430c94263b app...	10.1.2.0/2
<input checked="" type="checkbox"/> public subnet 1	subnet-0b09d769c79445292	Available	vpc-0cea7ee430c94263b app...	10.1.1.0/2

Actions

- View details
- Create flow log
- Edit subnet settings
- Edit IPv6 CIDRs
- Edit network ACL association
- Edit route table association
- Edit CIDR reservations
- Share subnet
- Manage tags
- Delete subnet

Customer-owned IPv4 pool Auto-assign public IPv4 address No IPv4 CIDR reservations - No IPv6 CIDR reservations - Resource name DNS A record Disabled Resource name DNS AAAA record Disabled

IPv6-only No Hostname type IP name

DNS64 Enabled

Screenshot of the AWS VPC Management Console showing the configuration of a subnet named "public subnet".

Subnet ID: subnet-0b09d769c79445292

Name: public subnet

Auto-assign IP settings: Enable auto-assign public IPv4 address

Resource-based name (RBN) settings:

- Enable resource name DNS A record on launch
- Enable resource name DNS AAAA record on launch

Hostname type: IP name

DNS64 settings:

- Enable DNS64

Feedback English (US) ▾ © 2022, Amazon Internet Services Private Ltd. or its affiliates. Privacy Terms Cookie preferences 21:35 12-02-2022

Screenshot of the AWS VPC Management Console showing the configuration of a subnet.

Enable auto-assign public IPv4 address:

Resource-based name (RBN) settings:

- Enable resource name DNS A record on launch
- Enable resource name DNS AAAA record on launch

Hostname type: IP name

DNS64 settings:

- Enable DNS64

Cancel Save Feedback English (US) ▾ © 2022, Amazon Internet Services Private Ltd. or its affiliates. Privacy Terms Cookie preferences 21:36 12-02-2022

lab-4-networking VPC Management Console

A route table specifies how packets are forwarded between the subnets within your VPC, the Internet, and your VPN connection.

Route table settings

Name - optional
Create a tag with a key of 'Name' and a value that you specify.

VPC
The VPC to use for this route table.

Tags
A tag is a label that you assign to an AWS resource. Each tag consists of a key and an optional value. You can use tags to search and filter your resources or track your AWS costs.

Key	Value - optional
<input type="text" value="Name"/>	<input type="text" value="app-routetable-public"/>

Add new tag
You can add 49 more tags.

Cancel **Create route table**

Feedback English (US) Type here to search © 2022, Amazon Internet Services Private Ltd. or its affiliates. Privacy Terms Cookie preferences 23°C Clear 21:37 12-02-2022

lab-4-networking Route tables | VPC Management

New VPC Experience Tell us what you think

CLOUD Your VPCs Subnets

Route Tables Internet Gateways Egress Only Internet Gateways Carrier Gateways DHCP Options Sets Elastic IPs Managed Prefix Lists Endpoints New Endpoint Services NAT Gateways Peering Connections

SECURITY Network ACLs Security Groups

NETWORK ANALYSIS Reachability Analyzer

Route tables (1/3) **Info**

Filter route tables

Name	Route table ID	Explicit subnet associat...	Edge associations	Main	VPC	Owner
rtb-009e0975416e822f	-	-	-	Yes	vpc-093e879616074866 ts7	7567
app-routetable-public	rtb-00cd2351710a9707a	-	-	No	vpc-0cea7ee430c94263b app...	7567

rtb-00cd2351710a9707a / app-routetable-public

Details **Routes** Subnet associations Edge associations Route propagation Tags

Filter routes Both

Destination	Target	Status	Propagated
10.1.0.0/16	local	Active	No

Edit routes

Feedback English (US) Type here to search © 2022, Amazon Internet Services Private Ltd. or its affiliates. Privacy Terms Cookie preferences 23°C Clear 21:38 12-02-2022

Screenshot of the AWS VPC Management Console showing the 'Edit routes' page for route table ID rtb-00cd2351710a9707a.

The table shows two routes:

Destination	Target	Status	Propagated
10.1.0.0/16	local	Active	No
0.0.0.0/0	igw-072c81e63e163f7f8	-	No

Buttons at the bottom include 'Add route', 'Cancel', 'Preview', and 'Save changes'.

Feedback bar: English (US) ▾ Type here to search © 2022, Amazon Internet Services Private Ltd. or its affiliates. Privacy Terms Cookie preferences 23°C Clear 21:42 12-02-2022

Screenshot of the AWS VPC Management Console showing the 'Edit subnet associations' page for route table ID rtb-00cd2351710a9707a.

The table shows available subnets:

Name	Subnet ID	IPv4 CIDR	IPv6 CIDR	Route table ID
public subnet 2	subnet-0e3c0a5ac1dd5c043	10.1.2.0/24	-	Main (rtb-072cdd73cb788d592 / ts7)
public subnet 1	subnet-0b09d769c79445292	10.1.1.0/24	-	Main (rtb-072cdd73cb788d592 / ts7)
private subnet 2	subnet-061fb1f82ce52a6f8	10.1.4.0/24	-	Main (rtb-072cdd73cb788d592 / ts7)
private subnet 1	subnet-05e7e71070ceb236e	10.1.3.0/24	-	Main (rtb-072cdd73cb788d592 / ts7)

The selected subnets are:

- subnet-0e3c0a5ac1dd5c043 / public subnet 2
- subnet-0b09d769c79445292 / public subnet 1

Buttons at the bottom include 'Cancel' and 'Save associations'.

Feedback bar: English (US) ▾ Type here to search © 2022, Amazon Internet Services Private Ltd. or its affiliates. Privacy Terms Cookie preferences 23°C Clear 21:43 12-02-2022

Screenshot of the AWS VPC Management Console showing the creation of a new route table.

Route table settings

Name - optional: app-routeable-private

VPC: vpc-0cea7ee430c94263b (app-vpc)

Tags

A tag is a label that you assign to an AWS resource. Each tag consists of a key and an optional value. You can use tags to search and filter your resources or track your AWS costs.

Key	Value - optional
Q Name	Q app-routeable-private X Remove

Add new tag

You can add 49 more tags.

Cancel Create route table

Feedback English (US) Type here to search © 2022, Amazon Internet Services Private Ltd. or its affiliates. Privacy Terms Cookie preferences 23°C Clear 21:44 12-02-2022

Screenshot of the AWS VPC Management Console showing the editing of subnet associations for a route table.

Edit subnet associations

Change which subnets are associated with this route table.

Available subnets (2/4)

Name	Subnet ID	IPv4 CIDR	IPv6 CIDR	Route table ID
public subnet 2	subnet-0e3c0a5ac1dd5c043	10.1.2.0/24	-	rtb-00cd2351710a9707a / app-routeable-public
public subnet 1	subnet-0b09d769c79445292	10.1.1.0/24	-	rtb-00cd2351710a9707a / app-routeable-public
private subnet 2	subnet-061fb1f82ce52a6f8	10.1.4.0/24	-	Main (rtb-072cd73cb788d592 / ts7)
private subnet 1	subnet-05e7e71070ceb236e	10.1.3.0/24	-	Main (rtb-072cd73cb788d592 / ts7)

Selected subnets

subnet-05e7e71070ceb236e / private subnet 1 X subnet-061fb1f82ce52a6f8 / private subnet 2 X

Cancel Save associations

Feedback English (US) Type here to search © 2022, Amazon Internet Services Private Ltd. or its affiliates. Privacy Terms Cookie preferences 23°C Clear 21:45 12-02-2022

lab-4-networking

Launch instance wizard | EC2 M...

console.aws.amazon.com/ec2/v2/home?region=us-east-1#LaunchInstanceWizard:

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

1. Choose AMI 2. Choose Instance Type 3. Configure Instance 4. Add Storage 5. Add Tags 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, and storage. Use the filters to narrow down your search.

Currently selected: t2.micro (- ECUs, 1 vCPUs, 2.5 GHz, ~ 1 GiB memory, EBS only)

Family	Type	vCPUs	Memory (GiB)	Instance Storage (GB)	EBS-Optimized Available	Networking
i2	t2.nano	1	0.5	EBS only	-	
i2	t2.micro <small>Free tier eligible</small>	1	1	EBS only	-	
i2	t2.small	1	2	EBS only	-	Low to Moderate Yes
i2	t2.medium	2	4	EBS only	-	Low to Moderate Yes
i2	t2.large	2	8	EBS only	-	Low to Moderate Yes
i2	t2.xlarge	4	16	EBS only	-	Moderate Yes
i2	t2.2xlarge	8	32	EBS only	-	Moderate Yes
i3	t3.nano	2	0.5	FRS only	Yes	Up to 5 Gbps Yes

Cancel Previous Review and Launch Next: Configure Instance Details

Feedback English (US) ▾ Type here to search © 2022, Amazon Internet Services Private Ltd. or its affiliates. Privacy Terms Cookie preferences 23°C Clear 21:48 12-02-2022

lab-4-networking

Launch instance wizard | EC2 M...

console.aws.amazon.com/ec2/v2/home?region=us-east-1#LaunchInstanceWizard:

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

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

Step 3: Configure Instance Details

Network: vpc-0cea7ee430c94263b | app-vpc Create new VPC

Subnet: subnet-0b09d769c79445292 | public subnet 1 | us-east-1 Create new subnet
251 IP Addresses available

Auto-assign Public IP: Enable

Hostname type: Use subnet setting (IP name)

DNS Hostname: Enable IP name IPv4 (A record) DNS requests
 Enable resource-based IPv4 (A record) DNS requests
 Enable resource-based IPv6 (AAAA record) DNS requests

Placement group: Add instance to placement group

Capacity Reservation: Open

Domain join directory: No directory Create new directory

IAM role: fullaccess Create new IAM role

Shutdown behavior: Stop

C Cancel Previous Review and Launch Next: Add Storage

Feedback English (US) ▾ Type here to search © 2022, Amazon Internet Services Private Ltd. or its affiliates. Privacy Terms Cookie preferences 23°C Clear 22:07 12-02-2022

Screenshot of the AWS IAM Management Console showing the "Step 3: Configure Instance Details" page. The user is configuring an EC2 instance with the following settings:

- Device:** eth0
- Network Interface:** New network interface
- Subnet:** subnet-0b09d765
- Primary IP:** Auto-assign
- Secondary IP addresses:** Add IP
- IPv6 IPs:** The selected subnet does not support IPv6 because it does not have an IPv6 CIDR block.

Advanced Details:

- Enclave:** Enable
- Metadata accessible:** Enabled
- Metadata version:** V1 and V2 (token optional)
- Metadata token response hop limit:** 1
- Allow tags in metadata:** Disabled
- User data:** As text (radio button selected)
#!/bin/bash -ex
wget https://aws-tc-largeobjects.s3-us-west-2.amazonaws.com/DEV-AWS-MO-GCN2/FlaskApp.zip
unzip FlaskApp.zip
sed -i 's/"TextField"/StringField/g' FlaskApp/application.py
cd FlaskApp/

Buttons at the bottom: Cancel, Previous, Review and Launch (highlighted), Next: Add Storage.

Screenshot of the AWS IAM Management Console showing the "Step 5: Add Tags" page. The user is adding a tag to the EC2 instance:

A tag consists of a case-sensitive key-value pair. For example, you could define a tag with key = Name and value = Webserver.
A copy of a tag can be applied to volumes, instances or both.
Tags will be applied to all instances and volumes. [Learn more](#) about tagging your Amazon EC2 resources.

Key	(128 characters maximum)	Value	(256 characters maximum)	Instances	Volumes	Network Interfaces
employee-directory-app				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Add another tag (Up to 50 tags maximum)

Buttons at the bottom: Cancel, Previous, Review and Launch (highlighted), Next: Configure Security Group.

Step 6: Configure Security Group

A security group is a set of firewall rules that control the traffic for your instance. On this page, you can add rules to allow specific traffic to reach your instance. For example, if you want to set up a web server and allow internet traffic to reach your instance, add rules that allow unrestricted access to the HTTP and HTTPS ports. You can create a new security group or select from an existing one below. [Learn more](#) about Amazon EC2 security groups.

Assign a security group: Create a new security group
 Select an existing security group

Security group name:
Description: Enable HTTP access

Type	Protocol	Port Range	Source	Description
HTTP	TCP	80	Anywhere	0.0.0.0/0, ::/0
HTTPS	TCP	443	Anywhere	0.0.0.0/0, ::/0

[Add Rule](#)

Warning
You will not be able to connect to this instance as the AMI requires port(s) 22 to be open in order to have access. Your current security group doesn't have port(s) 22 open.

Feedback English (US) ▾

© 2022, Amazon Internet Services Private Ltd. or its affiliates. Privacy Terms Cookie preferences

23°C Clear 22:14 12-02-2022

Select an existing key pair or create a new key pair

A key pair consists of a **public key** that AWS stores, and a **private key file** that you store. Together, they allow you to connect to your instance securely. For Windows AMIs, the private key file is required to obtain the password used to log into your instance. For Linux AMIs, the private key file allows you to securely SSH into your instance. Amazon EC2 supports ED25519 and RSA key pair types.

Note: The selected key pair will be added to the set of keys authorized for this instance. Learn more about removing existing key pairs from a public AMI.

Create a new key pair
 RSA ED25519
Key pair name: app-key-pair

[Download Key Pair](#)

You have to download the **private key file** (*.pem file) before you can continue. **Store it in a secure and accessible location.** You will not be able to download the file again after it's created.

[Cancel](#) [Launch Instances](#)

Feedback English (US) ▾

app-key-pair.pem

© 2022, Amazon Internet Services Private Ltd. or its affiliates. Privacy Terms Cookie preferences

23°C Clear 22:14 12-02-2022

lab-4-networking Instances | EC2 Management Con IAM Management Console

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

New EC2 Experience Tell us what you think

Instances (1/3) Info

Name	Instance ID	Instance state	Instance type	Status check	Alarm status
employeeapp	i-0166726395a35e1e8	Running	t2.micro	2/2 checks passed	No alarms
ts6	i-08a231b2fa33b9764	Running	t2.micro	2/2 checks passed	No alarms
ts7	i-05311eaff52a0fd0a	Running	t2.micro	2/2 checks passed	No alarms

Instance: i-0166726395a35e1e8

Details Security Networking Storage Status checks Monitoring Tags

Instance summary Info

Instance ID	Public IP4 address	Private IP4 addresses
i-0166726395a35e1e8	54.152.194.17 open address	10.1.1.249
IPv6 address	Instance state	Public IPv4 DNS
-	Running	-

© 2022, Amazon Internet Services Private Ltd. or its affiliates. Privacy Terms Cookie preferences

Show all

Feedback English (US)

Type here to search

23°C Clear 22:19 12-02-2022

TSSDP4CD-19TS32925 2021-22 Billing Management Console EC2 Management Console Create launch template | EC2 Ma

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

EC2 > Launch templates > Create launch template

Create launch template

Creating a launch template allows you to create a saved instance configuration that can be reused, shared and launched at a later time. Templates can have multiple versions.

Launch template name and description

Launch template name - required

temp1

Must be unique to this account. Max 128 chars. No spaces or special characters like '&', '*', '@'.

Template version description

Trail

Max 255 chars

Auto Scaling guidance Info

Select this if you intend to use this template with EC2 Auto Scaling

Provide guidance to help me set up a template that I can use with EC2 Auto Scaling

► Template tags

Summary

Software Image (AMI)

Virtual server type (instance type)

Firewall (security group)

Storage (volumes)

Free tier: In your first year includes 750 hours of t2.micro (or t3.micro in the Regions in which t2.micro is unavailable) instance usage on free tier AMIs per month, 30 GiB of EBS storage, 2 million I/Os, 1 GB of snapshots, and...

Cancel Create launch template

© 2022, Amazon Internet Services Private Ltd. or its affiliates. Privacy Terms Cookie preferences

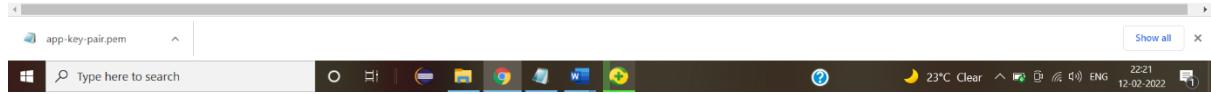
s8.pem

Type here to search

20:47 19-02-2022

The screenshot shows the 'Create Auto Scaling group' wizard in the AWS Management Console. The current step is 'Step 1: Choose launch template or configuration'. A sub-step 'Auto Scaling group name' is selected, showing the input field 'asg'. The sidebar on the left lists various EC2 services like Instances, Images, and AMIs. On the right, there's a navigation bar with links for Account, Organization, Service Quotas, Billing Dashboard, and Security credentials, along with a 'Sign out' button.

The screenshot shows the 'Employee Directory' interface in the AWS Management Console. The main title is 'Employee Directory'. Below it, a sub-section titled 'Employee Directory - Home' is visible, featuring an 'Add' button. The browser's address bar shows the URL 'lab-4-networking' and the IP '54.152.194.17'. The status bar at the bottom indicates the date '19-02-2022' and time '20:48'.



Screenshot of a web browser showing the "Employee Directory" page. The browser has multiple tabs open, including "lab-4-networking", "Instances | EC2 Management Con...", "Employee Directory", "IAM Management Console", and others.

The "Employee Directory" page displays a form with fields for "Full Name", "Location", and "Job Title". Below the form is a list of checkboxes for various employee categories:

- Mac User
- Windows User
- Linux User
- Digital Content Star
- Employee of the Month
- Photographer
- Frequent Flier
- Paperclip Afficionado
- Coffee Snob
- Gamer
- Bugfixer
- Seattle Fan

At the bottom of the browser window, the taskbar shows the file "app-key-pair.pem" and the system tray indicates the date and time as 22:21 12-02-2022.