

Assignment Day 7 and 8 | 18th October 2020

Manish Patel

PROJECT 1: VPC peering

Ss1: VPCs list

The screenshot displays the AWS Management Console interface. The main content area shows 'Your VPCs (1)' with a table containing one VPC:

Name	VPC ID	State	IPv4 CIDR	IPv6 CIDR
-	vpc-7074d71b	Available	172.31.0.0/16	-

The left sidebar shows the navigation menu with 'VIRTUAL PRIVATE CLOUD' selected. The bottom status bar shows the date 22/10/2020.

Demo1 created

The screenshot displays the AWS Management Console interface after creating a new VPC. A green notification banner at the top states: 'You successfully created vpc-0cb2d1ed0c10fb228 / demo1'. The main content area shows 'Your VPCs (2)' with a table containing two VPCs:

Name	VPC ID	State	IPv4 CIDR	IPv6 CIDR
demo1	vpc-0cb2d1ed0c10fb228	Available	172.19.0.0/16	-
-	vpc-7074d71b	Available	172.31.0.0/16	-

The left sidebar shows the navigation menu with 'VIRTUAL PRIVATE CLOUD' selected. The bottom status bar shows the date 22/10/2020.

us-east-2.console.aws.amazon.com/vpc/home?region=us-east-2#vpcs:

Services

New VPC Experience
Tell us what you think

VPC Dashboard **New**

Filter by VPC:
Select a VPC

VIRTUAL PRIVATE CLOUD

Your VPCs **New**

Subnets

Route Tables

Internet Gateways **New**

Egress Only Internet Gateways **New**

DHCP Options Sets **New**

Elastic IPs **New**

Managed Prefix Lists **New**

Endpoints

Endpoint Services

NAT Gateways **New**

Peering Connections

SECURITY

Your VPCs (3) **Info**

Filter VPCs

1

<input type="checkbox"/>	Name	VPC ID	State	IPv4 CIDR	IPv6 CIDR
<input type="checkbox"/>	demo1	vpc-0cb2d1ed0c10fb228	Available	172.19.0.0/16	-
<input type="checkbox"/>	-	vpc-7074d71b	Available	172.31.0.0/16	-
<input type="checkbox"/>	demo1vpc2	vpc-0744efba8bdbc9104	Available	172.16.0.0/16	-

Select a VPC above

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demo2.rdp demo1.rdp LetsUpgrade-AWS...txt LetsUpgrade-AWS...txt LetsUpgrade-AWS...txt Show all

Type here to search

15:14 22/10/2020

Ss2: igw list

Internet gateway igw-077260d47b3df6bfa successfully attached to vpc-0cb2d1ed0c10fb228

Internet gateways (2) **Info**

Filter internet gateways

1

<input type="checkbox"/>	Name	Internet gateway ID	State	VPC ID	Owner
<input type="checkbox"/>	myigw1	igw-077260d47b3df6bfa	Attached	vpc-0cb2d1ed0c10fb228 demo1	8033582
<input type="checkbox"/>	-	igw-36f9b45e	Attached	vpc-7074d71b	8033582

Select an internet gateway above

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LetsUpgrade-AWS...txt LetsUpgrade-AWS...txt LetsUpgrade-AWS...txt LetsUpgrade-AWS...txt Show all

Type here to search

13:31 22/10/2020

aws Services

New VPC Experience
Tell us what you think

VPC Dashboard **New**

Filter by VPC:
Select a VPC

VIRTUAL PRIVATE CLOUD

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

Internet gateways (3) Info

Filter internet gateways

	Name	Internet gateway ID	State	VPC ID	Owner
<input type="checkbox"/>	myigw1	igw-077260d47b3df6bfa	Attached	vpc-0cb2d1ed0c10fb228 demo1	8033582
<input type="checkbox"/>	myigw2	igw-07b2173edf31e7a4c	Attached	vpc-0744efba8bdbc9104 demovpc2	8033582
<input type="checkbox"/>	-	igw-36f9b45e	Attached	vpc-7074d71b	8033582

Select an internet gateway above

demo2.rdp demo1.rdp LetsUpgrade-AWS....txt LetsUpgrade-AWS....txt LetsUpgrade-AWS....txt Show all

Type here to search

15:13 22/10/2020

Ss3: edit route list

aws Services

New VPC Experience
Tell us what you think

VPC Dashboard **New**

Filter by VPC:
Select a VPC

VIRTUAL PRIVATE CLOUD

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

Create route table Actions

Filter by tags and attributes or search by keyword

	Name	Route Table ID	Explicit subnet association	Edge associations	Main	VPC ID	Owner
<input checked="" type="checkbox"/>	demoroute1	rtb-079938a483cdf3d7	-	-	Yes	vpc-0cb2d1ed0c10fb228 ...	80335821735
<input type="checkbox"/>		rtb-0de61aa949afed6e	-	-	No	vpc-0cb2d1ed0c10fb228 ...	80335821735
<input type="checkbox"/>		rtb-790b6012	-	-	Yes	vpc-7074d71b	80335821735

Route Table: rtb-079938a483cdf3d7

Summary Routes Subnet Associations Edge Associations Route Propagation Tags

Route Table ID: rtb-079938a483cdf3d7
Main: Yes
Explicitly Associated with: -
Owner: 803358217356
VPC: vpc-0cb2d1ed0c10fb228 | demo1

LetsUpgrade-AWS....txt LetsUpgrade-AWS....txt LetsUpgrade-AWS....txt LetsUpgrade-AWS....txt Show all

Type here to search

14:06 22/10/2020

aws Services

New VPC Experience
Tell us what you think

VPC Dashboard **New**
Filter by VPC:
Select a VPC

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

SECURITY

Create route table Actions

Filter by tags and attributes or search by keyword

Name	Route Table ID	Explicit subnet association	Edge associations	Main	VPC ID	Owner
rtb-0402ce217072c70de		-	-	No	vpc-0744efba8bdbc9104	803358217
demoroute1	rtb-079938a483cdf3d7	-	-	Yes	vpc-0cb2d1ed0c10fb228	803358217
demoroute2	rtb-086ec35357610d8a4	-	-	Yes	vpc-0744efba8bdbc9104	803358217
rtb-0de61aa949a9fed6e		-	-	No	vpc-0cb2d1ed0c10fb228	803358217
rtb-790b6012		-	-	Yes	vpc-7074d71b	803358217

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demo2.rdp demo1.rdp LetsUpgrade-AWS...txt LetsUpgrade-AWS...txt LetsUpgrade-AWS...txt Show all

Type here to search

15:13 22/10/2020

Ss4: subnet list

aws Services

New VPC Experience
Tell us what you think

VPC Dashboard **New**
Filter by VPC:
Select a VPC

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

SECURITY

Create subnet Actions

Filter by tags and attributes or search by keyword

Name	Subnet ID	State	VPC	IPv4 CIDR	Available IPv4	IPv6 CIDR	Availability Zone
demosub1	subnet-085195ee8c4d645d2	available	vpc-0cb2d1ed0c10fb228	172.19.19.0/24	251	-	us-east-2b
subnet-3e408b55		available	vpc-7074d71b	172.31.0.0/20	4091	-	us-east-2a
subnet-49533b05		available	vpc-7074d71b	172.31.32.0/20	4091	-	us-east-2c
subnet-ce5050b4		available	vpc-7074d71b	172.31.16.0/20	4091	-	us-east-2b

Feedback English (US)

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LetsUpgrade-AWS...txt LetsUpgrade-AWS...txt LetsUpgrade-AWS...txt LetsUpgrade-AWS...txt Show all

Type here to search

14:06 22/10/2020

aws Services

New VPC Experience

VPC Dashboard

Filter by VPC:

Subnets

Route Tables

Internet Gateways

Egress Only Internet Gateways

DHCP Options Sets

Elastic IPs

Managed Prefix Lists

Endpoints

Endpoint Services

NAT Gateways

Peering Connections

SECURITY

Create subnet

Actions

Filter by tags and attributes or search by keyword

Name	Subnet ID	State	VPC	IPv4 CIDR	Available IPv4	IPv6 CIDR	Availability Zone
demosub1	subnet-085195ee8c4d645d2	available	vpc-0cb2d1ed0c10fb228	172.19.19.0/24	250	-	us-east-2b
demosub2	subnet-0e8c56ea068911f1c	available	vpc-0744efba8bdbc9104	172.16.16.0/24	250	-	us-east-2a
	subnet-3e408b55	available	vpc-7074d71b	172.31.0.0/20	4091	-	us-east-2a
	subnet-49533b05	available	vpc-7074d71b	172.31.32.0/20	4091	-	us-east-2c
	subnet-ce5050b4	available	vpc-7074d71b	172.31.16.0/20	4091	-	us-east-2b

demo2.rdp demo1.rdp LetsUpgrade-AWS...txt LetsUpgrade-AWS...txt LetsUpgrade-AWS...txt

Type here to search

15:12 22/10/2020

Ss5: instance details

Sophos Plan Comparison Learn with Lets Instances | EC2 Administration Webex - Will a Cisco Codec AT Calls disconnect

us-east-2.console.aws.amazon.com/ec2/v2/home?region=us-east-2#Instances:

aws Services

New EC2 Experience

EC2 Dashboard

Events

Tags

Limits

Instances

Instances

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts

Capacity Reservations

Images

AMIs

Elastic Block Store

Volumes

Snapshots

Instance summary

Instance ID: i-0c8e8628cc18ee7d8 (demo1)

Instance state: Running

Instance type: t2.micro

IAM Role

Public IPv4 address: 52.15.220.58

Public IPv4 DNS

Elastic IP addresses

Subnet ID

Private IPv4 addresses: 172.19.19.36

Private IPv4 DNS: ip-172-19-19-36.us-east-2.compute.internal

VPC ID: vpc-0cb2d1ed0c10fb228 (demo1)

Instances (1/1) Info

Filter instances

Name	Instance ID	Instance state	Instance type	Status check	Alarm Status	Availability zone
demo1	i-0c8e8628cc18ee7d8	Running	t2.micro	2/2 checks ...	No alarms	us-east-2b

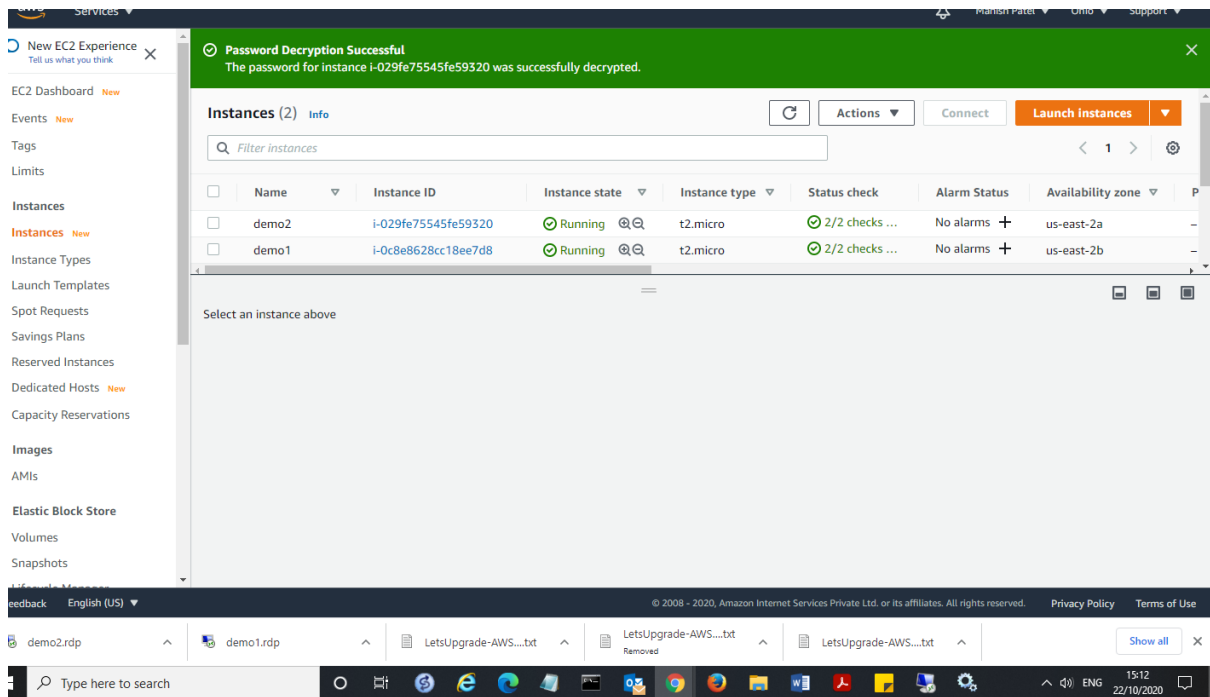
Instance: i-0c8e8628cc18ee7d8 (demo1)

Details Security Networking Storage Status Checks Monitoring Tags

Let's Upgrade-AWS...txt Let's Upgrade-AWS...txt Let's Upgrade-AWS...txt Let's Upgrade-AWS...txt

Type here to search

14:15 22/10/2020



SS

Ss6: success public, rto to private IP

```
C:\Users\Manish_patel>ping 52.15.220.58

Pinging 52.15.220.58 with 32 bytes of data:
Reply from 52.15.220.58: bytes=32 time=216ms TTL=100
Reply from 52.15.220.58: bytes=32 time=217ms TTL=100
Reply from 52.15.220.58: bytes=32 time=216ms TTL=100
Reply from 52.15.220.58: bytes=32 time=216ms TTL=100

Ping statistics for 52.15.220.58:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 216ms, Maximum = 217ms, Average = 216ms

C:\Users\Manish_patel>ping 172.19.19.36

Pinging 172.19.19.36 with 32 bytes of data:
Request timed out.
Request timed out.
Request timed out.

Ping statistics for 172.19.19.36:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

C:\Users\Manish_patel>
```

Ss7: peering with req and acceptor

us-east-2.console.aws.amazon.com/vpc/home?region=us-east-2#PeeringConnections:sort=vpcPeeringConnectionId

Services

New VPC Experience

Route Tables

Internet Gateways **New**

Egress Only Internet Gateways **New**

DHCP Options Sets **New**

Elastic IPs **New**

Managed Prefix Lists **New**

Endpoints

Endpoint Services

NAT Gateways **New**

Peering Connections

SECURITY

Network ACLs

Security Groups **New**

VIRTUAL PRIVATE NETWORK (VPN)

Customer Gateways

Virtual Private Gateways

Site-to-Site VPN

Create Peering Connection

Actions

Filter by tags and attributes or search by keyword

1 to 1 of 1

Name	Peering Connecti...	Status	Requester VPC	Acceptor VPC	Requester CIDRs	Acceptor CIDRs	Requester Owner
demopeer	pcx-0f69cb0e335f...	Active	vpc-0cb2d1ed0c1...	vpc-0744efba8bdb...	172.19.0.0/16	172.16.0.0/16	803358217356

Peering Connection: pcx-0f69cb0e335f43ac4

Description DNS Route Tables Tags

This VPC Peering Connection is associated with the following route tables

Route Table ID	VPC ID	Main	Associated with
rtb-079938a4...	vpc-0cb2d1e...	Yes	0 subnets
rtb-086ec353...	vpc-0744efb...	Yes	0 subnets

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demo2.rdp demo1.rdp LetsUpgrade-AWS...txt LetsUpgrade-AWS...txt LetsUpgrade-AWS...txt Show all

Type here to search

16:18 22/10/2020

Ss8: success for private

Hostname: EC2AMAZ-H2HOKBS
Instance ID: I-029fe75545fe59320
Public IP Address: 3.137.190.34
Private IP Address: 172.16.16.59
Instance Size: t2.micro
Availability Zone: us-east-2a
Architecture: AMD64
Total Memory: 1024 MB
Network Performance: Low to Moderate

```
C:\Users\Administrator>
C:\Users\Administrator>ping 172.19.19.36

Pinging 172.19.19.36 with 32 bytes of data:
Reply from 172.19.19.36: bytes=32 time=1ms TTL=128
Reply from 172.19.19.36: bytes=32 time=1ms TTL=128
Reply from 172.19.19.36: bytes=32 time=1ms TTL=128
Reply from 172.19.19.36: bytes=32 time=1ms TTL=128

Ping statistics for 172.19.19.36:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 1ms, Maximum = 1ms, Average = 1ms

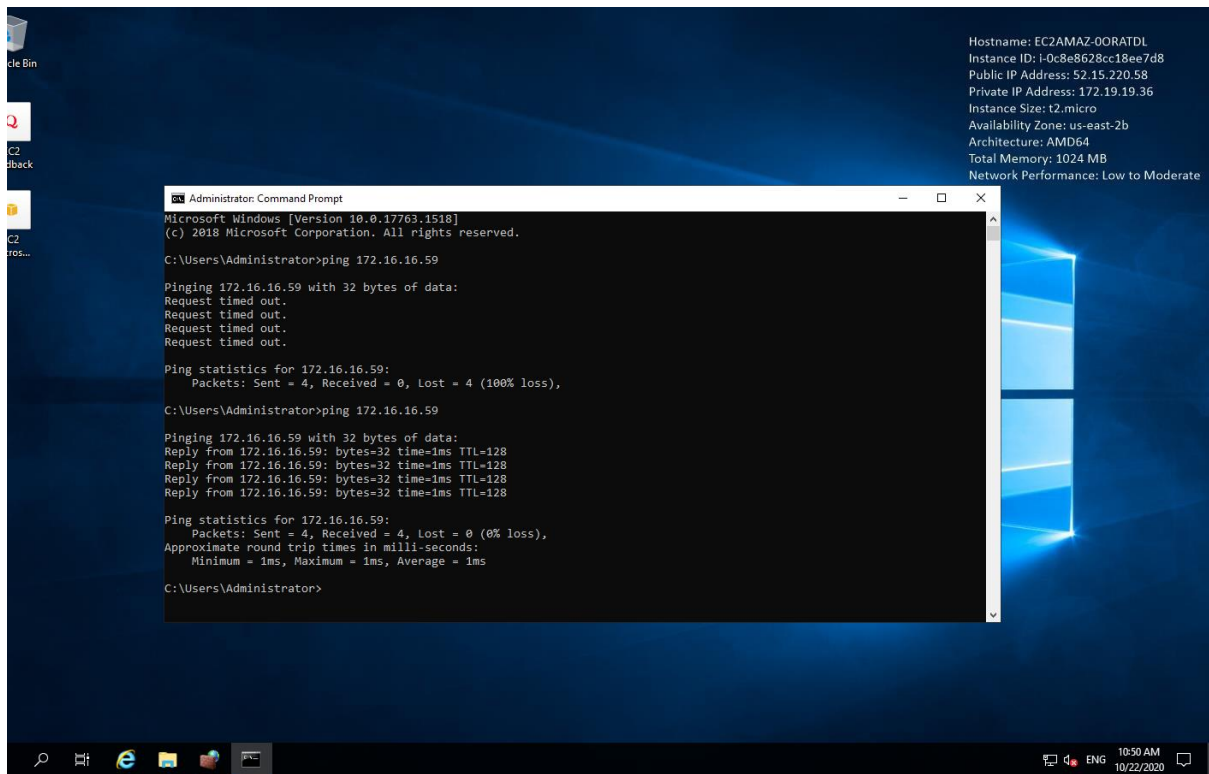
C:\Users\Administrator>ping 52.15.220.58

Pinging 52.15.220.58 with 32 bytes of data:
Reply from 52.15.220.58: bytes=32 time=1ms TTL=127
Reply from 52.15.220.58: bytes=32 time=1ms TTL=127
Reply from 52.15.220.58: bytes=32 time=1ms TTL=127
Reply from 52.15.220.58: bytes=32 time=1ms TTL=127

Ping statistics for 52.15.220.58:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 1ms, Maximum = 1ms, Average = 1ms

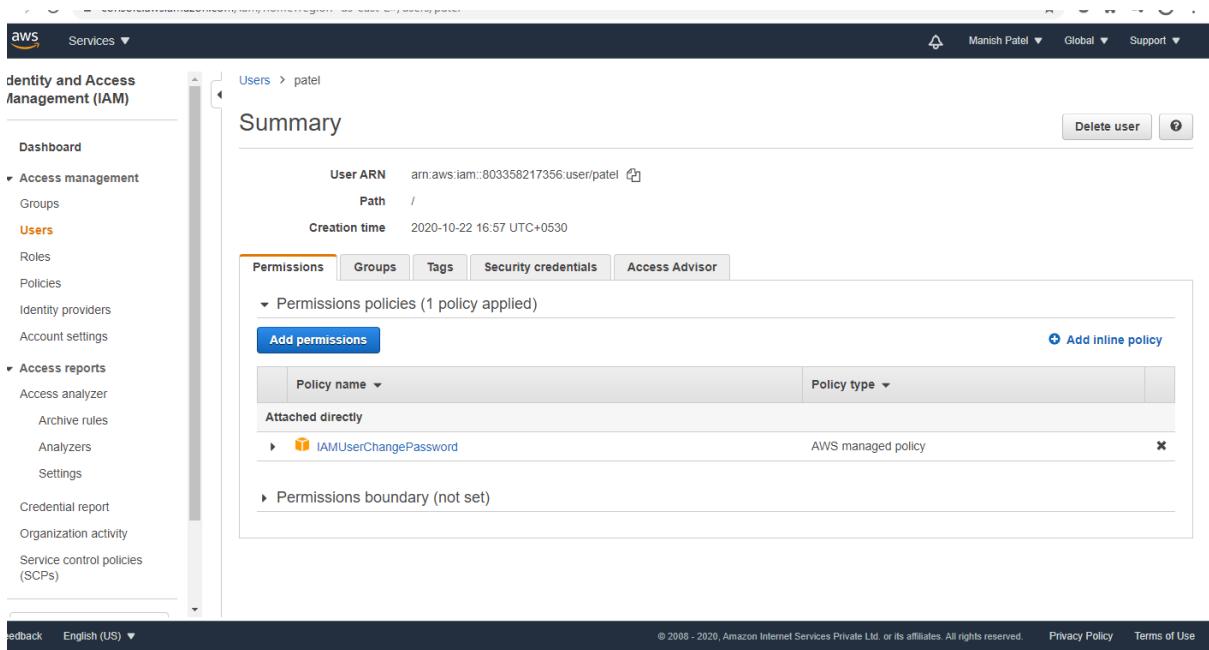
C:\Users\Administrator>
```

10:44 AM 10/22/2020



Project 2: IAM

Task 1: Creating users without permissions-IAM password policy check.
Ss1: user summary with all tab information



Task 2: Creating users without the IAM password policy.
Ss2: user summary with all tab information

console.aws.amazon.com/iam/home?region=us-east-2#/security_credentials

Services

patel @ 8033-5821-7356 Global Support

Identity and Access Management (IAM)

Dashboard

Access management

Groups

Users

Roles

Policies

Identity providers

Account settings

Access reports

Access analyzer

Archive rules

Analyzers

Settings

Credential report

Organization activity

Service control policies (SCPs)

user name: patel

User ARN: N/A

AWS account ID: 803358217356

Account canonical user ID: a79902b83f6bcc1f04b5585dedd814fe66417809ab870d652030a59

AWS IAM credentials

AWS CodeCommit credentials

Amazon MCS credentials

Password for console access

As an IAM user, you need a password to access the AWS Management Console. We recommend changing your password.

Change password

Access keys for CLI, SDK, & API access

Use access keys to make programmatic calls to AWS from the AWS Command Line Interface (AWS CLI), Tools for Windows PowerShell, the AWS SDKs, or direct AWS API calls. If you lose or forget your secret key, you cannot retrieve it. Instead, create a new access key and make the old key inactive. Learn more

Create access key

You need permissions

You do not have the permission required to perform this operation. Ask your administrator to add permissions. Learn more

User: am:aws:iam::803358217356:user:patel is not authorized to perform: iam:ListAccessKeys on resource: user:null:patel

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Task 3: Create a user with S3 full access

Ss3: User summary

new_user_credenti...csv demo2.rdp demo1.rdp LetsUpgrade-AWS...txt Removed LetsUpgrade-AWS...txt Removed Show all

17:13

aws Services

Manish Patel Global Support

Identity and Access Management (IAM)

Dashboard

Access management

Groups

Users

Roles

Policies

Identity providers

Account settings

Access reports

Access analyzer

Archive rules

Analyzers

Settings

Credential report

Organization activity

Service control policies (SCPs)

Users > siju

Summary

Delete user

User ARN: am:aws:iam::803358217356:user:siju

Path: /

Creation time: 2020-10-22 17:16 UTC+0530

Permissions

Groups

Tags

Security credentials

Access Advisor

Permissions policies (1 policy applied)

Add permissions

Add inline policy

Policy name

Policy type

Attached directly

AmazonS3FullAccess

AWS managed policy

Permissions boundary (not set)

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new_user_credenti...csv new_user_credenti...csv demo2.rdp demo1.rdp LetsUpgrade-AWS...txt Removed Show all

Type here to search

17:19 22/10/2020

The top screenshot shows the AWS Management Console 'Create bucket' wizard. The 'Name and region' step is selected, showing a text input for 'Bucket name' with a placeholder 'Enter DNS-compliant bucket name' and a dropdown for 'Region' set to 'US East (Ohio)'. Below this is a section for 'Copy settings from an existing bucket' with a dropdown showing 'You have no buckets0 Buckets'.

The bottom screenshot shows the AWS Management Console 'IAM dashboard'. The left sidebar shows 'Identity and Access Management (IAM)' with a 'Dashboard' link. The main content area shows the 'IAM dashboard' with error messages: 'User: am:aws:iam:803358217356:user:siju is not authorized to perform: iam:GetAccountSummary on resource: *' and 'User: am:aws:iam:803358217356:user:siju is not authorized to perform: iam:ListAccountAliases on resource: *'. Below this is a section for 'IAM resources' with similar error messages. The 'Best practices' section lists several recommendations: 'Grant least privilege access', 'Enable Identity federation', 'Enable MFA', 'Rotate credentials regularly', and 'Enable IAM Access Analyzer'. The right sidebar shows 'Additional information' with links to 'IAM documentation', 'Videos, IAM release history and additional resources', 'Tools', 'Web identity federation playground', 'Policy simulator', 'Quick links', and 'My access key'.

Task4: Create a group with ec2 full access
Ss4: group summary

← → ↻ console.aws.amazon.com/iam/home?region=us-east-2#/groups

aws Services

Manish Patel Global Support

Identity and Access Management (IAM)

- Dashboard
- Access management
 - Groups**
 - Users
 - Roles
 - Policies
 - Identity providers
 - Account settings
- Access reports
 - Access analyzer
 - Archive rules
 - Analyzers
 - Settings
 - Credential report
 - Organization activity
 - Service control policies (SCPs)

Create New Group Group Actions

Search Showing 1 results

<input type="checkbox"/>	Group Name ↕	Users	Inline Policy	Creation Time ↕
<input type="checkbox"/>	EC2	1		2020-10-22 17:26 UTC+0530

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new_user_credenti...csv new_user_credenti...csv demo2.rdp demo1.rdp LetsUpgrade-AWS...txt Removed Show all

Type here to search

Task 5: Add user to a group and check if user policy and the group policy is reflecting on the user

Ss5: user summary with permissions

← → ↻ console.aws.amazon.com/iam/home?region=us-east-2#/groups/EC2

aws Services

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Identity and Access Management (IAM)

- Dashboard
- Access management
 - Groups**
 - Users
 - Roles
 - Policies
 - Identity providers
 - Account settings
- Access reports
 - Access analyzer
 - Archive rules
 - Analyzers
 - Settings
 - Credential report
 - Organization activity
 - Service control policies (SCPs)

IAM > Groups > EC2

Summary

Group ARN: [arn:aws:iam::803358217356:group/EC2](#)

Users (in this group): 1

Path: /

Creation Time: 2020-10-22 17:26 UTC+0530

Users Permissions Access Advisor

This view shows all users in this group: 1 User [Remove Users from Group](#) [Add Users to Group](#)

User	Actions
patel	Remove User from Group

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new_user_credenti...csv new_user_credenti...csv demo2.rdp demo1.rdp LetsUpgrade-AWS...txt Removed Show all

Type here to search

The screenshot shows the AWS IAM console interface. On the left is a navigation menu with options like 'Dashboard', 'Access management', 'Groups', 'Users', 'Roles', 'Policies', etc. The main content area is titled 'IAM > Groups > EC2'. It shows a 'Summary' tab with details: Group ARN: am:aws:iam::803358217356:group/EC2, Users (in this group): 1, Path: /, and Creation Time: 2020-10-22 17:26 UTC+0530. Below this are tabs for 'Users', 'Permissions', and 'Access Advisor'. The 'Permissions' tab is active, showing 'Managed Policies'. A message states: 'The following managed policies are attached to this group. You can attach up to 10 managed policies.' Below this is a table with one row: 'Policy Name' is 'AmazonEC2FullAccess' and 'Actions' are 'Show Policy', 'Detach Policy', and 'Simulate Policy'. There is also an 'Attach Policy' button. At the bottom, a Windows taskbar is visible with various application icons and a search bar.

Ss6: login as this user show that this policy is in effect

The screenshot shows the AWS Management Console interface. The top navigation bar includes the AWS logo, 'Services', and user information. The left sidebar contains a navigation menu with categories like 'New EC2 Experience', 'EC2 Dashboard', 'Events', 'Tags', 'Limits', 'Instances', 'Images', and 'Elastic Block Store'. The main content area is titled 'Instances Info'. It features a search bar, a table with columns for 'Name', 'Instance ID', 'Instance state', 'Instance type', 'Status check', 'Alarm Status', and 'Availability zone', and a 'Launch Instances' button. Below the table, a message says 'Select an instance above'. At the bottom, a Windows taskbar is visible with various application icons and a search bar.

Task 6: Copy policies from the existing user

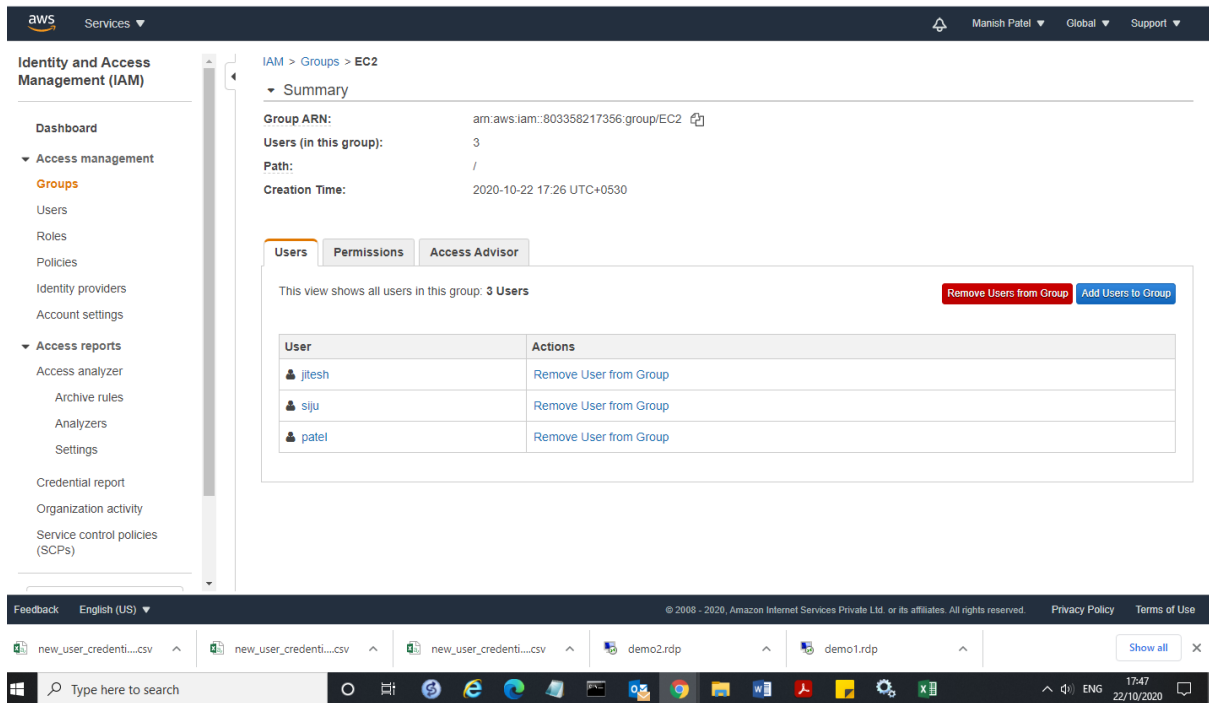
Ss7: attach user summary of the user from which you create a new user

The screenshot shows the AWS IAM console 'Summary' page for a user named 'jitesh'. The user's ARN is 'arn:aws:iam::803358217356:user/jitesh', the path is '/', and it was created on '2020-10-22 17:41 UTC+0530'. Under the 'Groups (1)' tab, a table lists the 'EC2' group with 'AmazonEC2FullAccess' permissions. The left sidebar contains the IAM navigation menu, and the top bar shows the user 'Manish Patel' is logged in.

Ss8: login as this user show that this policy is in effect

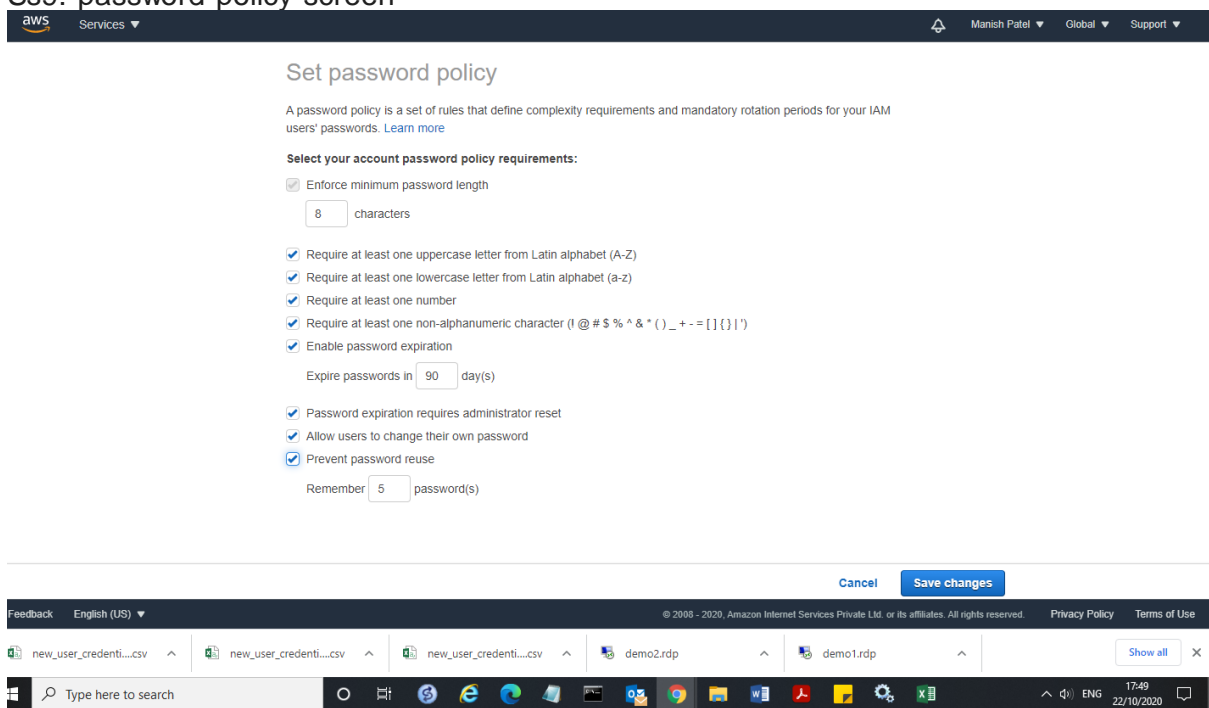
The screenshot displays the 'Step 1: Choose an Amazon Machine Image (AMI)' page in the AWS IAM console. It features a search bar and a list of available AMIs. Three AMIs are shown: 'Amazon Linux 2 AMI (HVM, SSD Volume Type)', 'Amazon Linux AMI 2018.03.0 (HVM, SSD Volume Type)', and 'Red Hat Enterprise Linux 8 (HVM, SSD Volume Type)'. Each entry includes a 'Select' button. The left sidebar lists 'My AMIs', 'AWS Marketplace', and 'Community AMIs'. The top navigation bar indicates the user 'jitesh @ 8033-5821-7356' is logged in.

Task 7: Add user to a group in the process of creating a user



Task8: setting a password policy

Ss9: password policy screen



Ss10: login as the user and show password incompatibility error

aws Services

User name* rashmin

+ Add another user

Select AWS access type

Select how these users will access AWS. Access keys and autogenerated passwords are provided in the last step. [Learn more](#)

Access type* ☒ **Programmatic access**
Enables an **access key ID** and **secret access key** for the AWS API, CLI, SDK, and other development tools.

☒ **AWS Management Console access**
Enables a **password** that allows users to sign-in to the AWS Management Console.

Console password* ☐ Autogenerated password
☒ Custom password

pass@12345

☒ Show password

The password does not conform to the account password policy:

- it must contain an upper case character

Require password reset ☒ User must create a new password at next sign-in

* Required

Cancel Next: Permissions

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new_user_credenti...csv new_user_credenti...csv new_user_credenti...csv demo2.rdp demo1.rdp Show all X

Type here to search

Task 9: Enabling MFA and using an MFA device

Ss11: enable MFA

console.aws.amazon.com/iam/home?region=us-east-2#/security_credentials\$mfa

aws Services

Identity and Access Management (IAM)

Dashboard

Access management

- Groups
- Users
- Roles
- Policies
- Identity providers
- Account settings

Access reports

- Access analyzer
 - Archive rules
 - Analyzers
 - Settings
- Credential report
- Organization activity

Your Security Credentials

Use this page to manage the credentials for your AWS account. To manage credentials for AWS Identity and Access Management (IAM) users, use the [IAM Console](#).

To learn more about the types of AWS credentials and how they're used, see [AWS Security Credentials](#) in AWS General Reference.

▲ Password

▼ Multi-factor authentication (MFA)

Use MFA to increase the security of your AWS environments. Signing in to MFA-protected accounts requires a user name, password, and an authentication code from an MFA device.

Device type	Serial number	Actions
Virtual	arn:aws:iam::803358217356:mfa/root-account-mfa-device	Manage

▲ Access keys (access key ID and secret access key)

▲ CloudFront key pairs

▲ X.509 certificate

▲ Account identifiers

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Type here to search

Ss12: login screen for MFA

