

AWS Assignment day 7 & 8

Project 1: VPC peering

Task 1: VPCs list

The screenshot shows the AWS VPC Management console with the following interface elements:

- Top Bar:** Includes the AWS logo, navigation icons (back, forward, search, refresh), and links for Business Opportunity, Roshni Dhal, 95% Discount Offer, Your VPCs, New VPC Experience, VPC Dashboard, Filter by VPC, Select a VPC, and various AWS services like Lambda, CloudWatch, and S3.
- Left Sidebar:** Lists VPC-related services: VIRTUAL PRIVATE CLOUD, Your VPCs, Subnets, Route Tables, Internet Gateways, Egress Only Internet Gateways, DHCP Options Sets, Elastic IP Sets, Managed Prefix Lists, Endpoints, Endpoint Services, NAT Gateways, Peering Connections, SECURITY, Network ACLs, Security Groups, VIRTUAL PRIVATE NETWORK (VPN), Customer Gateways, Virtual Private Gateways, and Site-to-Site VPN.
- Main Content Area:**
 - Your VPCs (1/3) Info:** A table showing three VPCs:

Name	VPC ID	State	IPv4 CIDR	IPv6 CIDR	IPv6 pool	DHCP
vpc1	vpc-0b339128b8e225666	Available	172.31.0.0/16	-	-	dopt-t
vpc2	vpc-06490a670f3bebb1	Available	172.16.0.0/16	-	-	dopt-t
 - Details:** A detailed view for VPC vpc-0b339128b8e225666 / vpc1:

Details	CIDRs	Flow logs	Tags
vpc-0b339128b8e225666 / vpc1	-	-	-
 - Route Tables:** A list of route tables associated with the VPC.
- Bottom Right:** Includes links for Privacy Policy, Terms of Use, and footer information: © 2008–2020 Amazon Internet Services Private Ltd. or its affiliates. All rights reserved., ENG 1232, 19-0-2020, and a set of small icons for various AWS services.

The screenshot shows the AWS VPC Management console. The top navigation bar includes links for Home, Your VPCs, VPC Manager, Business Opportunities, Rosini Dhal, 95% Discount Offer..., Speak2Connect, Digital Marketing, Analytics, Temp Mail - Dispos., Channel dashboard, IBM Z Global Studie, Java Study, Attendance Manager, Let's Upgrade, Learn more - Bizagu, know more - Bizagu, manoj k, Ohio, Support, and a Help icon.

The main content area displays the "Your VPCs (1/3) Info" page. It features a table titled "Your VPCs" with one item listed:

Name	VPC ID	State	IPv4 CIDR	IPv6 CIDR	IPv6 pool	DHCP
-	vpc-564fec3d	Available	172.31.0.0/16	-	-	dopt-t
vpcl	vpc-0b339128b8e225666	Available	172.19.0.0/16	-	-	dopt-t
vpcl	vpc-0649b0a670f3bebb1	Available	172.16.0.0/16	-	-	dopt-t

Below the table, there are tabs for "Details", "CIDRs", "Flow logs", and "Tags".

The right side of the screen shows the "Details" section for the VPC with ID vpc-0649b0a670f3bebb1. It includes fields for State (Available), DNS hostnames (Disabled), Route table (rtb-0e254b1462af02ba / route2), Network ACL (acl-0affa3da26e0ec6b4), and IPv6 CIDR (-).

At the bottom, there are sections for Endpoints, Endpoint Services, NAT Gateways, Peering Connections, SECURITY, Network ACLs, Security Groups, VIRTUAL PRIVATE NETWORK (VPN), Customer Gateways, Virtual Private Gateways, Site-to-Site VPN, Feedback, English (US), and a link to Terms of Use.

Task 2: igw list

The screenshot shows the AWS VPC Dashboard with the 'Internet Gateways' section selected. The top navigation bar includes links for Home, Business Opportunities, AWS Services, and Support. The main content area displays the 'Internet gateways (1/3) Info' table.

Name	Internet gateway ID	State	VPC ID	Owner
igw2	igw-03e0bfa3490423ca7	Attached	vpc-0649b0a670f3bebb1 vpc-2	245024665952
igw1	igw-08bf125df803a2f0dc	Attached	vpc-0b339128b8e223666 vpc-1	245024665952
-	igw-8e1b57e6	Attached	vpc-564fe3d	245024665952

Below the table, there is a 'Details' tab and a 'Tags' tab. The 'Details' tab shows the following information:

- Internet gateway ID: igw-08b125df803a2f0dc / igw1
- State: Attached
- Owner: 245024665952
- VPC ID: vpc-0b339128b8e223666 | vpc-1

The 'Tags' tab is currently empty.

On the left sidebar, other VPC components are listed: VIRTUAL PRIVATE CLOUD, Your VPCs, Subnets, Route Tables, Internet, Gateways, Egress Only Internet Gateways, DHCP Options Sets, Elastic IPs, Managed Prefix Lists, Endpoints, Endpoint Services, NAT Gateways, Peering Connections, and SECURITY.

The screenshot shows the AWS Management Console with the following details:

- Header:** Shows various AWS services like CloudWatch Metrics, Lambda, S3, and others.
- Left Navigation:** Includes "New VPC Experience", "VPC Dashboard", "Services" (with "AWS" selected), and "Feedback".
- Top Bar:** Shows search, filter, and navigation icons.
- Page Title:** "Internet gateways (1 / 3) | Info".
- Table Headers:** Name, Internet gateway ID, State, VPC ID, Owner.
- Table Data:** Three rows of internet gateway information:
 - igw-03e0bfa3490423ca7 (Attached, vpc-0649b0a670f3bebb1 | vpc2, 245024665952)
 - igw-08b125df803a2f0dc (Attached, vpc-0b339128db8e225b66 | vpc1, 245024665952)
 - (Attached, vpc-564fec3d, 245024665952)
- Details View:** For the first gateway (igw-03e0bfa3490423ca7 / igw2). It shows the VPC ID (vpc-0649b0a670f3bebb1 | vpc2) and Owner (245024665952). The "Details" tab is selected.
- Bottom Navigation:** Includes links for Egress Only Internet Gateways, DHCP Options Sets, Managed Prefix Lists, Endpoints, NAT Gateways, Peering Connections, and SECURITY.
- Footer:** Shows the AWS logo, copyright notice (© 2008–2020, Amazon Internet Services Private Ltd. or its affiliates. All rights reserved.), and links for Privacy Policy, Terms of Use, Feedback, English (US), and Support.

Task 3: edit route list

The screenshot shows the AWS VPC Dashboard with the 'Route Tables' section selected. A specific route table, 'rtb-057f328119b0ddbe0', is highlighted and being edited.

Name	Route Table ID	Explicit subnet association	Edge associations	Main	VPC ID	Owner
route1	rtb-057f328119b0ddbe0	-	-	Yes	vpc-03339128b8e225666 ...	245024665952
route2	rtb-0254b1162af02ba	-	-	No	vpc-0649b0a6703beb1 ...	245024665952
	rtb-05ab165a800b57fb8	-	-	Yes	vpc-0649b0a6703beb1 ...	245024665952
	rtb-30147f5b	-	-	No	vpc-06339128b8e225666 ...	245024665952

Route Table: rtb-057f328119b0ddbe0

Routes tab selected.

Summary | **Routes** (selected) | **Subnet Associations** | **Edge Associations** | **Route Propagation** | **Tags**

View: All routes ▾

Destination	Target	Status	Propagated
172.19.0.0/16	(local)	active	No
0.0.0.0/0	igw-088b125df803a2f0dc	active	No

SECURITY

VIRTUAL PRIVATE NETWORK (VPN)

Customer Gateways
Virtual Private Gateways
Site-to-Site VPN

Feedback English (US) ▾

Privacy Policy Terms of Use

ENG 1233 19-10-2020

Route Tables: VPC Manager | +

< > C ⌂ | 🔒 us-east-2.console.aws.amazon.com/vpc/home

Business Opportunity... 📈 Roshi Dhal 🎉 95% Discount Offer... 🎉 know more - Bizzu... 🎉 Digital Marketing... 🎉 Analytics 🎉 Temp Mail - Dispos... 🎉 Channel dashboard... 🎉 IBM Z Global Studie... 🎉 Attendance Manag... 🎉 Java Study || Progra... 🎉

manage K Ohio ▾ Support ▾

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

Network ACLs

Security Groups New

VIRTUAL PRIVATE NETWORK (VPN)

Customer Gateways

Virtual Private Gateways

Site-to-Site VPN

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
route1	rtb-057732811900ddbe0	-	-	Yes	vpc-0b339128b8e225666 ...	245024665952
route2	rtb-0e254b1462af02ba	-	-	No	vpc-0649b0a670f3beb1 ...	245024665952
	rtb-0e254b1462af02ba	-	-	Yes	vpc-0649b0a670f3beb1 ...	245024665952
	rtb-0eab9a800b57fb8	-	-	No	vpc-0b339128b8e225666 ...	245024665952
	rtb-30147f5b	-	-	Yes	vpc-564fec3d	245024665952

Route Table: rtb-0e254b1462af02ba

Summary Routes Subnet Associations Edge Associations Route Propagation Tags

View All routes ▾

Destination	target	Status	Propagated
172.16.0.0/16	local	active	No
0.0.0.0/0	igw-03ed0bfa3490423ca7	active	No

Feedback English (US) ▾

© 2008 - 2020 Amazon Internet Services Private Ltd. or its affiliates. All rights reserved.

Privacy Policy Terms of Use

2 1 2 3 ENG 19-10-2020

Task 4: subnet list

VPC Dashboard [New](#)

Filter by VPC: [Select a VPC](#)

Name	Subnet ID	State	VPC	IPv4 CIDR	IPv6 CIDR	Available IPv4	Available IPv6	Availability Zone	Availability Zone ID	Route table
subnet2	subnet-00166825d616ed8e8c8	available	vpc-064900467031eb0b11...	172.16.0.0/24	250	-	-	us-east-2c	use2-az3	rtb-0e254b41462a02ba route2
subnet1	subnet-0664428a6d9ebf17	available	vpc-0033912808e225666...	172.19.0.0/24	250	-	-	us-east-2a	use2-az1	rtb-057328119b0ddbe0 route1
	subnet-657cb70e	available	vpc-564fec3d	172.31.0.0/20	4091	-	-	us-east-2a	use2-az1	rtb-301475b
	subnet-0a77f770	available	vpc-564fec3d	172.31.16.0/20	4091	-	-	us-east-2b	use2-az2	rtb-301475b
	subnet-0e563ae42	available	vpc-564fec3d	172.31.32.0/20	4091	-	-	us-east-2c	use2-az3	rtb-301475b

Subnet: [subnet-0664428a6d9ebf17](#)

Description	Flow Logs	Route Table	Network ACL	Tags	Sharing
Subnet ID: subnet-0664428a6d9ebf17	VPC: vpc-0033912808e225666 vpc1	Available IPv4 Addresses: 250	Availability Zone: us-east-2a (use2-az1)	Network ACL: acl-082c26650jeff6b50	Auto-assign public IPv4 address: Yes
Endpoints	Endpoint Services: Endpoint Services	NAT Gateways: New	Peering Connections: Peering Connections	Customer-owned IP4 pool: -	Outpost ID: -
Endpoint Services	NAT Gateways: New	Peering Connections: Peering Connections	Customer-owned IP4 pool: -	Outpost ID: -	
Customer Gateways	Virtual Private Gateways: Virtual Private Gateways	Site-to-Site VPN: Site-to-Site VPN			
Virtual Private Gateways	Site-to-Site VPN: Site-to-Site VPN				
Site-to-Site VPN					

New VPC Experience Tell us what you think

Create subnet Actions

Filter by tags and attributes or search by keyword

Subnets VPC Manager: [X](#) +

< > C 88 | 🔒 us-east-2.console.aws.amazon.com/vpc/home

Business Opportunity... Roshi Dhal 95% Discount Offer... Special Connect LetsUpgrade [Learn]

Know more - Bizgu... Digital Marketing... Analytics Temp Mail - Dispos... Channel Dashboard... IBM Z Global Studie... Attendance Manag... Java Study [Prog... mandjK Ohio Support

Amazon Services ▾

Feedback English (US) ▾

Privacy Policy Terms of Use

© 2008–2020, Amazon Internet Services Private Ltd. or its affiliates. All rights reserved.

1233 19-10-2020

New VPC Experience Tell us what you think

Subnets | VPC Management +

VIRTUAL PRIVATE CLOUD Your VPCs Subnets Route Tables Internet Gateways Egress Only Internet Gateways DHCP Options Sets Elastic IPs Lists Managed Prefix Endpoints Endpoint Services NAT Gateways Peering Connections SECURITY Network ACLs Security Groups Site-to-Site VPN

Business Opportuni... Roshni Dhal 95% Discount Offer... LetsUpgrade Lear... know more - Bizgu... Digital Marketing... Temp Mail - Dispos... Analytics IBM Z Global Stud... Channel dashboard... Attendance Manag... Java Study 11 Progra... manoj K Ohio Support

New VPC Dashboard New

Filter by VPC: Select a VPC

Subnet: subnet-0016b825d6f6ed8c8

Name	Subnet ID	State	VPC	Available IPv4 CIDR	Available IPv6 CIDR	Availability Zone	Availability Zone ID
subnet2	subnet-0016b825d6f6ed8c8	available	vpc-0649b0a6705bbeb1	172.16.16.0/24	250	-	us-east-2c
subnet1	subnet-0664f428a6cd9ebf17	available	vpc-0b339128b8e225666	172.19.19.0/24	250	-	us-east-2a
	subnet-657cb70e	available	vpc-564fec3d	172.31.0.0/20	4091	-	us-east-2a
	subnet-0af77f70	available	vpc-564fec3d	172.31.16.0/20	4091	-	us-east-2b
	subnet-0e63e42	available	vpc-564fec3d	172.31.32.0/20	4091	-	us-east-2c
	subnet-0e63e42	available	vpc-564fec3d	172.31.32.0/20	4091	-	us-east-2c

Route Table: subnet-0016b825d6f6ed8c8

Description Flow Logs Route Table Network ACL Tags Sharing

Subnet ID	VPC	Available IPv4 Addresses	Availability Zone	Network ACL	Auto-assign public IPv4 address	Customer-owned IPv4 address	Auto-assign IPv6 address	Owner
subnet-0016b825d6f6ed8c8	vpc-0649b0a6705bbeb1	250	us-east-2c (use2-az3)	acl-0affa3da2ce01ec6b4	Yes	No	No	245024665952

VIRTUAL PRIVATE NETWORK (VPN) Customer Gateways Virtual Private Gateways

Feedback English (US) Privacy Policy Terms of Use

© 2008 - 2020, Amazon Internet Services Private Ltd. or its affiliates. All rights reserved.

12:33 ENG 19-10-2020

Task 5: instance details

The screenshot shows the AWS EC2 Instances page. At the top, there are two instances listed:

Name	Instance ID	Instance State	Status check	Alarm Status	Availability zone	Public IPv4 DNS	Public IPv4 IP	Elastic IP
Inst2	i-082ae0a7b20055708	Running	2/2 checks ...	No alarms	us-east-2c	-	3.16.163.94	-
inst1	i-01e737e7089d3aaac	Running	2/2 checks ...	No alarms	us-east-2a	-	3.16.69.87	-

Below the instances, there is a detailed view for instance i-01e737e7089d3aaac (inst1). The 'Details' tab is selected, showing the following information:

Details	Security	Networking	Storage	Status Checks	Monitoring	Tags
Instance ID: i-01e737e7089d3aaac (inst1)						

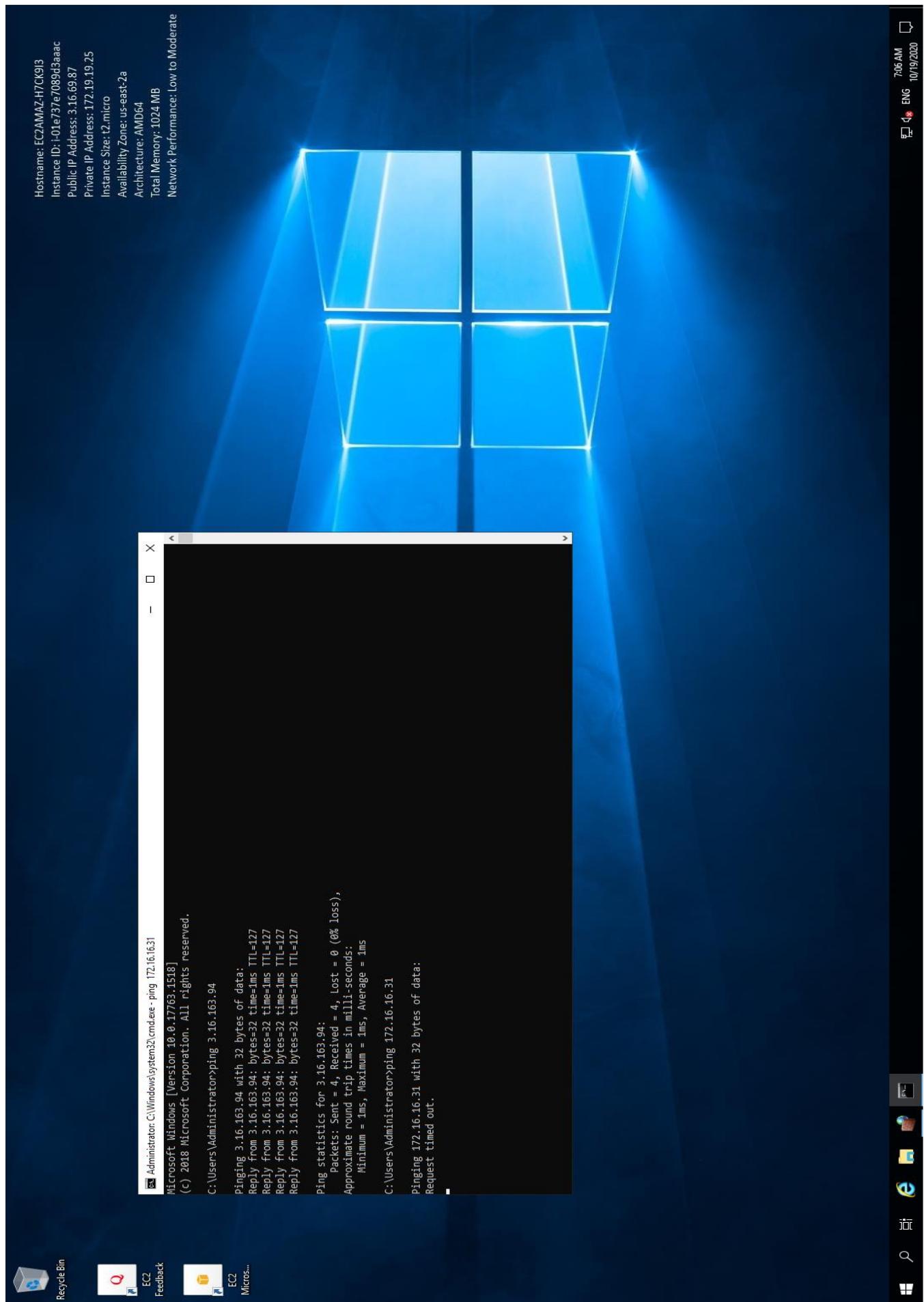
Under the 'Info' tab, the following details are shown:

Public IPv4 address	Private IPv4 addresses
3.16.69.87 open address	172.19.19.25

Other tabs available include 'Summary' and 'Logs'.

At the bottom of the page, there are links for 'AMI ID', 'Platform', 'Network Interface', 'Feedback', 'English (US)', 'Privacy Policy', and 'Terms of Use'.

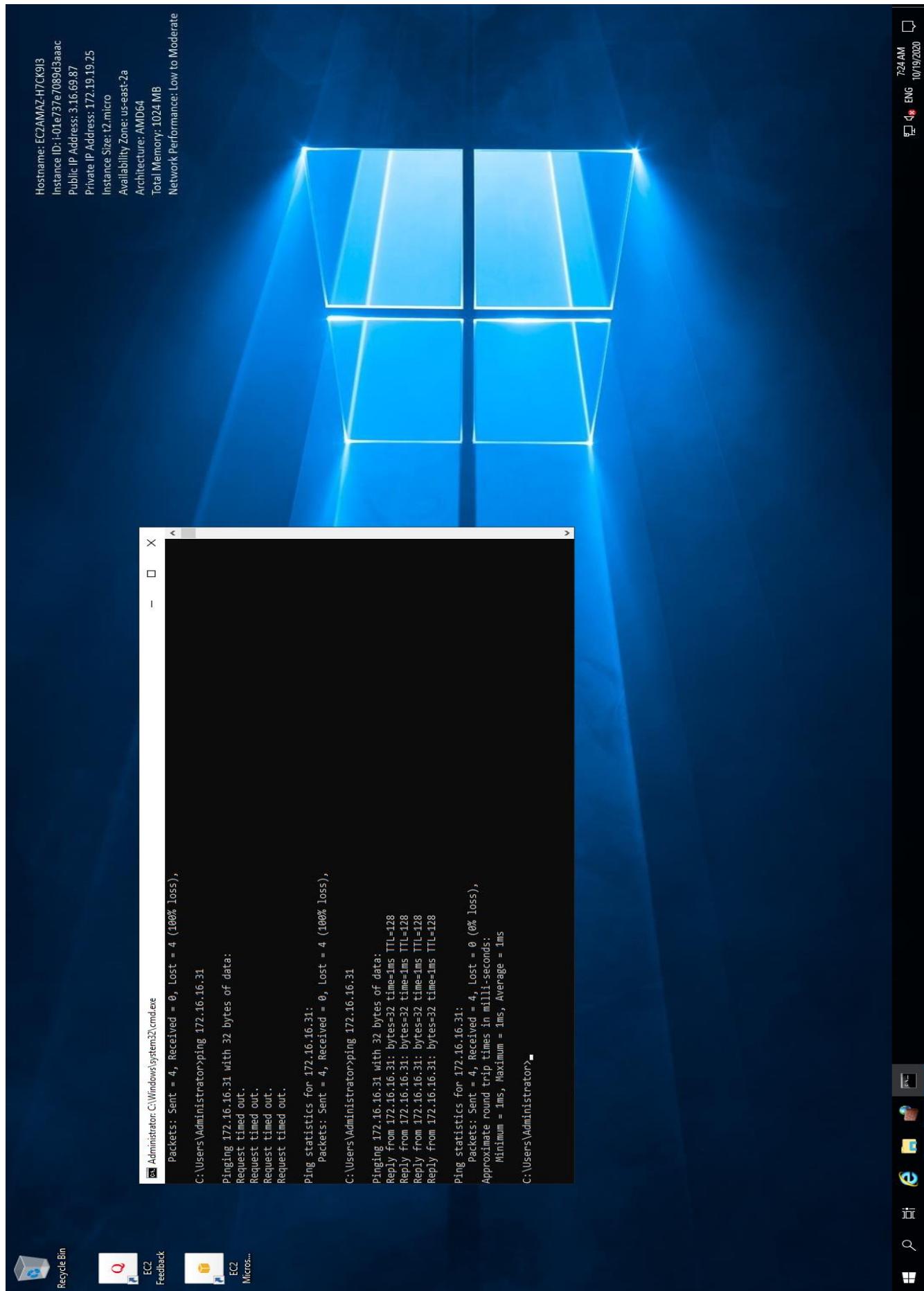
Task 6: success public, rto private IP



Task 7: peering with req and acceptor

The screenshot shows the AWS VPC Peering Connections page. At the top, there's a search bar and filter options for 'Name', 'Peer Connection', 'Status', 'Requester VPC', 'Acceptor VPC', 'Requester CIDRs', 'Acceptor CIDRs', 'Requester Owner', and 'Acceptor Owner'. Below the search bar is a table with one row of data. The table columns are: Peer Connection ID (peer1), Requester VPC (vpc-0649b0a670f...), Acceptor VPC (vpc-03391288be...), Requester CIDR (172.19.0.0/16), Acceptor CIDR (245024665952), Requester Owner (mano K), and Acceptor Owner (Java Study I | Prog..). The status is 'Active'. On the left side, there are navigation links for 'New VPC Experience', 'VPC Dashboard', 'Your VPCs', 'Subnets', 'Route Tables', 'Internet Gateways', 'Egress Only Internet Gateways', 'DHCP Options Sets', 'Elastic IPs', 'Managed Prefix Lists', 'Endpoints', 'Endpoint Services', 'NAT Gateways', and 'Peering Connections'. On the right side, there are sections for 'SECURITY' (Network ACLs, Security Groups), 'VIRTUAL PRIVATE NETWORK (VPN)' (Customer Gateways, Virtual Private Gateways, Site-to-Site VPN), and 'Feedback' (English (US)). The bottom right corner shows the AWS logo and the word 'aws'.

Task 8: success for private



PROJECT 2

Task 1:Creating users without permissions-IAM password policy check.

The screenshot shows the AWS IAM Management Console interface. On the left, there's a navigation sidebar with links like 'Identity and Access Management (IAM)', 'Dashboard', 'Access management', 'Groups', 'Users' (which is selected), 'Roles', 'Policies', 'Identity providers', 'Account settings', 'Access reports', 'Archive rules', 'Analyzers', 'Settings', 'Credential report', 'Organization activity', and 'Service control policies (SCPs)'. At the top right, there are buttons for 'Delete user' and a search bar. The main area is titled 'Summary' for the user 'user1'. It displays details such as User ARN: arn:aws:iam::245024655952:user/user1, Path: /, Creation time: 2020-10-19 13:54 UTC+0530, and tabs for 'Permissions', 'Groups', 'Tags', 'Security credentials', and 'Access Advisor'. A large blue box highlights the 'Add inline policy' button under the heading 'Get started with permissions'. Below it, a note says 'This user doesn't have any permissions yet. Get started by adding the user to a group, copying permissions from another user, or attaching a policy directly. Learn more' with a 'Learn more' link. Other sections include 'Permissions policies' (with a 'Add permissions' button), 'Account settings' (with 'Permissions boundary (not set)'), 'Access reports' (with 'Add inline policy'), 'Archive rules', 'Analyzers', 'Settings', 'Credential report', 'Organization activity', and 'Service control policies (SCPs)' (with a 'Search IAM' input field). At the bottom right, there are links for 'Feedback', 'English (US)', 'Privacy Policy', 'Terms of Use', and system status indicators. The status bar at the bottom shows the AWS account ID: 245024655952, the date: 19-10-2020, and the time: 13:57.

Task 2:Creating users without the IAM password policy.

The screenshot shows the AWS IAM Management Console interface. On the left, the navigation pane includes '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', and 'Service control policies (SCPs)'. The main content area is titled 'Summary' for a user named 'user2'. The user details are as follows:

User ARN	arn:aws:iam::245024665952:user/user2
Path	/
Creation time	2020-10-19 13:58 UTC+0530

Below these details, there are tabs for 'Permissions', 'Groups', 'Tags', 'Security credentials', and 'Access Advisor'. A blue button labeled 'Add permissions' is visible. To the right of the user details, there is a section for 'Permissions policies (1 policy applied)' which lists 'Permissions boundary (not set)'. Further down, sections for 'Attached directly' (listing 'IAMUserChangePassword') and 'AWS managed policy' (listing 'AWS managed policy') are shown. At the bottom of the page, there is a search bar ('Search IAM'), a link to 'AWS account ID: 245024665952', and footer links for 'Feedback', 'English (US)', 'Privacy Policy', 'Terms of Use', and copyright information ('© 2008 - 2020 Amazon Internet Services Private Ltd. or its affiliates. All rights reserved.').

Task 3: Create a user with S3 full access

Task4: Create a group with ec2 full access

The screenshot shows the AWS IAM Management Console interface. The top navigation bar includes links for IAM Management Console, IAM Home, IAM ARN, IAM Groups, IAM Policies, IAM Roles, IAM Users, IAM Access Advisor, IAM Identity Providers, IAM Account Settings, IAM Access Reports, IAM Access Analyzer, IAM Archive Rules, IAM Analyzers, IAM Settings, IAM Credential Report, IAM Organization Activity, and IAM Service Control Policies (SCPs). A search bar at the bottom left is set to "Search IAM". The top right corner displays the AWS account ID (245024665952), language (English (US)), and date (19-10-2020).

The main content area shows the "Identity and Access Management (IAM)" dashboard. Under "Access management", the "Groups" section is selected, showing a list of existing groups: "Roshni Dhal" and "95% Discount Offer...". A new group, "ec2access", is being created, indicated by the "Create New Group" button.

In the "ec2access" group details view, the "Summary" tab is selected. It shows the Group ARN (arn:aws:iam::245024665952:group/ec2access), the number of users in the group (0), the path (/), and the creation time (2020-10-19 14:31 UTC+0530). The "Permissions" tab is also visible.

The "Permissions" tab displays managed policies attached to the group. One policy, "AmazonEC2FullAccess", is listed with actions: "Show Policy", "Detach Policy", and "Simulate Policy". The "Attach Policy" button is highlighted in blue.

The bottom of the screen shows the Windows taskbar with various pinned icons, including the Start button, File Explorer, Task View, Edge browser, File History, Task Scheduler, Task Manager, and File Replication Service.

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

The screenshot shows the AWS IAM Management Console interface. On the left, there's a navigation sidebar with links like 'Identity and Access Management (IAM)', 'Dashboard', 'Access management', 'Groups', 'Users' (which is highlighted in orange), 'Roles', 'Policies', 'Identity providers', 'Account settings', 'Access reports', 'Access analyzer', 'Archive rules', 'Analyzers', 'Settings', 'Credential report', 'Organization activity', and 'Service control policies (SCPs)'. A search bar at the bottom left says 'Search IAM'.

The main content area is titled 'Summary' for a user named 'user1'. It shows the User ARN as 'arn:aws:iam::245024665952:user/user1', Path as '/', Creation time as '2020-10-19 13:54 UTC+0530', and a creation date of '2020-10-19'. Below this, there are tabs for 'Permissions', 'Groups (1)', 'Tags', 'Security credentials', and 'Access Advisor'. The 'Permissions' tab is selected.

In the 'Permissions' section, there's a table with one row. The first column has a 'Policy name' dropdown set to 'AmazonEC2FullAccess'. The second column is labeled 'Attached from group' and shows a single item: 'AmazonEC2FullAccess'. The third column is labeled 'Policy type' and shows 'AWS managed policy from group ec2access'. There's also a note: 'AWS managed policy from group ec2access'.

Below the table, there's a section titled 'Permissions policies (1 policy applied)' with a link to 'Add permissions'. Under this, there's a note: 'Permissions boundary (not set)'.

At the bottom right of the main content area, there's a footer with links: 'Feedback', 'English (US)', 'Privacy Policy', 'Terms of Use', 'AWS account ID: 245024665952', and a timestamp '14:40 19-10-2020'.

Screenshot of the AWS EC2 Experience interface showing the creation of a new instance.

The top navigation bar includes links for Business Opportunities, 95% Discount Offer, Speck2Connect, LetsUpgrade Learner, Digital Marketing, Analytics, Temp Mail - Disposable, Channel dashboard, IBM Z Global Studies, Attendance Manager, Java Study, Java Program, user1@2450-2466-5952, Ohio, Support, and AWS Services.

The main window shows the "Instances (1/1) info" section. A table lists one instance:

	Name	Instance ID	Instance state	Status check	Alarm Status	Availability zone	Public IPv4 DNS	Public IPv4 ...	Elastic IP
<input checked="" type="checkbox"/>	user1	i-0cb0b3558270054cf	Running	2/2 checks ...	No alarms	+ us-east-2b	ec2-3-15-38-70.us-east-2...	3.15.38.70	-

Below the table, the "Instance summary" section provides detailed information:

- Public IPv4 address: 3.15.38.70 | open address
- Private IPv4 addresses: 172.31.31.95
- Public IPv4 DNS: ip-172-31-31-95.us-east-2.compute.internal
- VPC ID: vpc-564fec3d
- Subnet ID: subnet-0a7f770

The "Details" tab is selected in the navigation bar.

Other tabs include Security, Networking, Storage, Status Checks, Monitoring, and Tags.

The left sidebar includes links for EC2 Dashboard, Events, Tags, Limits, Instances (New), Instance Types, Launch Templates, Spot Requests, Savings Plans, Reserved Instances, Dedicated Hosts (New), Capacity Reservations, Images, AMIs, Elastic Block Store, Volumes, Snapshots, Lifecycle Manager, Network & Security, Security Groups (New), Elastic IPs (New), Placement Groups (New), Key Pairs (New), and Network Interfaces.

The bottom right corner shows system status: Feedback English (US), Privacy Policy, Terms of Use, © 2008 - 2020, Amazon Internet Services Private Ltd. or its affiliates. All rights reserved, 14:41, ENG, 19-10-2020, and various icons for browser and system status.

Task 6: Copy policies from the existing user

IAM Management Console

Identity and Access Management (IAM)

Dashboard

Access management

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

Access reports

- Archive rules
- Analyzers
- Settings
- Credential report

Organization activity

Service control policies (SCPs)

Search IAM

Add inline policy

User ARN: arn:aws:iam::2450241665952:user/user4

Path: /

Creation time: 2020-10-19 14:44 UTC+0530

Permissions policies (2 policies applied)

- Add permissions
- Policy name:
- Attached directly
 - AmazonSSRFullAccess
- Attached from group
 - AmazonEC2FullAccess

Permissions boundary (not set)

AWS account ID: 2450241665952

Feedback English (US) ▾

... Terms of Use Privacy Policy

© 2008 -2020 Amazon Internet Services Private Ltd or its affiliates. All rights reserved.

14:45 19-10-2020 ENG

Windows

The screenshot shows the AWS S3 Management Console interface. At the top, there's a navigation bar with links like 'S3 Management Console', 'Services ▾', 'AWS', and 'Amazon S3'. Below the navigation is a banner for 'AWS Storage Gateway'.

The main content area is titled 'Amazon S3' and shows the 'Buckets' section. It includes a search bar, a 'Create bucket' button, and a table listing buckets:

Bucket	Region	Last modified
user3bucket	US East (Ohio)	Oct 19, 2020 2:15:39 PM GMT+0530

Below the table, there's a 'Feature spotlight' section with a link to 'Block public access (account settings)'. The bottom of the page features a footer with links for 'Feedback', 'English (US) ▾', 'Privacy Policy', 'Terms of Use', and social media icons.

The screenshot shows the AWS Management Console with the EC2 Instances page open. At the top, there's a navigation bar with various icons and links like 'Business Opportunity...', 'Rosini Dhal', '95% Discount Offer...', 'Speak2Connect', 'Let's Upgrade!', 'Know more - Big...', 'Digital Marketing...', 'Analytics', 'Temp Mail - Dispos...', 'Channel dashboard...', 'IBM Z Global Studie...', 'Attendance Manag...', 'Java Study | Progra...', 'Attendance Manag...', 'user4 @ 2450-2466-5952', 'Ohio', 'Support', and 'Privacy Policy'. Below the navigation is a search bar with placeholder 'Filter instances' and a 'Tell us what you think' button. The main content area has a header 'Instances (1) Info' with a 'Launch Instances' button. A table lists one instance: 'user1' (ID i-0cb0b558270054cf), running in 't2.micro' and 'us-east-2b' availability zone, with a public IP of 3.15.38.70. The status is 'Running' with 2/2 checks passing. Below the table are sections for 'Instances', 'Launch Templates', 'Images', 'AMIs', 'Elastic Block Store', 'Network & Security', and 'Feedback'. The bottom right corner shows the date as '19-10-2020' and time as '14:47'.

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

The screenshot shows the AWS IAM Management Console with the 'Add user' wizard open. The current step is 'Set permissions' (step 2 of 5). The 'Add user to group' section is highlighted with a blue border. A 'Create group' button is visible. To the right, a search bar shows 'Showing 1 result' with a single item: 'ec2Access' under the 'Attached policies' tab. The status bar at the bottom indicates 'Set permissions houndan'.

IAM Management Console | IAM Management Console X +

Add user

Set permissions ▾

Add user to group

Create group Refresh

Search

Showing 1 result

Group ▾	Attached policies
	AmazonEC2FullAccess

ec2Access

Copy permissions from existing user

Attach existing policies directly

Save Never

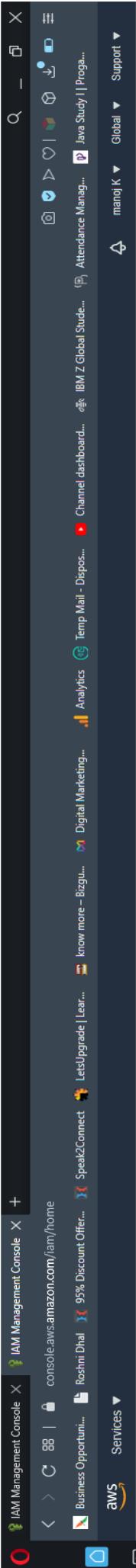
manoj K ▾ Global ▾ Support ▾

Feedback English (US) ▾

Privacy Policy Terms of Use

© 2008 - 2020 Amazon Internet Services Private Ltd or its affiliates. All rights reserved.

14:50 19-10-2020



Add user

Review

Review your choices. After you create the user, you can view and download the autogenerated password and access key.

User details

User name	user5
AWS access type	Programmatic access and AWS Management Console access
Console password type	Custom
Require password reset	No
Permissions boundary	Permissions boundary is not set

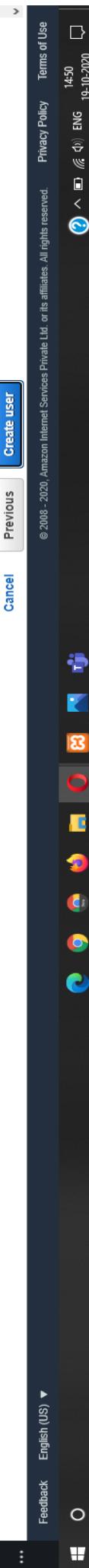
Permissions summary

The user shown above will be added to the following groups.

Type	Name
Group	ec2access

Tags

No tags were added.



Task8: setting a password policy

The screenshot shows the AWS IAM Management Console with the following details:

- Navigation Bar:** IAM Management Console, IAM Management Console, IAM Management Console.
- Main Navigation:** IAM Management Console, IAM Management Console, IAM Management Console.
- Left Sidebar:** Identity and Access Management (IAM) -> Dashboard -> Access management -> Groups, Users, Roles, Policies, Identity providers, Account settings, Access reports, Access analyzer, Archive rules, Analyzers, Settings.
- Central Content:**
 - Section: Password policy**

A password policy is a set of rules that define the type of password an IAM user can set. [Learn more](#)

This AWS account uses a password policy

Minimum password length is 10 characters
Require at least one uppercase letter from Latin alphabet (A-Z)
Require at least one lowercase letter from Latin alphabet (a-z)
Require at least one number
Require at least one non-alphanumeric character (! @ # \$ % ^ & * () _ + - = [{ }])
Password expires in 90 days(s)
Remember last 2 password(s) and prevent reuse

[Change password policy](#) [Delete password policy](#)
 - Section: Security Token Service (STS)**

[Session Tokens from the STS endpoints](#)

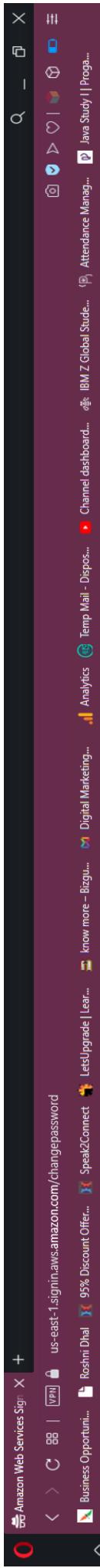
AWS recommends using regional STS endpoints to reduce latency. Session tokens from regional STS endpoints are valid in all AWS Regions. If you use regional STS endpoints, no action is required.

Session tokens from the global STS endpoint (<https://sts.amazonaws.com>) are valid only in AWS Regions that are enabled by default. If you intend to enable a new Region for your account, you can use session tokens from regional STS endpoints or activate the global STS endpoint to issue session tokens that are valid in all AWS Regions. [Learn more](#)

Endpoints	Region compatibility of session tokens	Actions
Global endpoint	Valid only in AWS Regions enabled by default	Edit
Regional endpoints	Valid in all AWS Regions	

Endpoints
You can enable additional endpoints from which you can request temporary credentials. Activate only endpoints you intend to use. [Learn more](#)

Region name	Endpoint	STS status	Actions
Search IAM			
AWS account ID:	245024665952		
- Bottom Right:** Feedback English (US), Privacy Policy, Terms of Use, © 2008 - 2020, Amazon Internet Services Private Ltd. or its affiliates. All rights reserved., 14:52, ENG, 19-10-2020.



AWS account 245024665952

IAM user name User6

Old password

New password

Retype new password

Confirm password change

[Send link using SSO user email](#)

English

[Terms of Use](#) [Privacy Policy](#) © 1996-2020 Amazon Web Services, Inc. or its affiliates.



Task 9:Enabling MFA and using an MFA device

The screenshot shows the AWS IAM Management Console with the following details:

- Identity and Access Management (IAM)** is selected in the navigation bar.
- Your Security Credentials** page is displayed.
- A message at the top says: "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." and "To learn more about the types of AWS credentials and how they're used, see AWS Security Credentials in AWS General Reference."
- Device type** and **Serial number** columns are shown in a table for a single entry.
- The entry in the table is:

Device type	Serial number	Actions
Virtual	arn:aws:iam::245024665952:mfa/root-account-mfa-device	Manage
- Access reports** section is expanded, listing:
 - Access keys (access key ID and secret access key)
 - CloudFront key pairs
 - X.509 certificate
 - Account identifiers
- Credential report**, **Organization activity**, and **Service control policies (SCPs)** sections are listed below the reports.
- Search IAM** search bar is present.
- AWS account ID:** 245024665952
- Feedback** and **English (US)** buttons are at the bottom.
- Page footer:** © 2008–2020 Amazon Internet Services Private Ltd. or its affiliates. All rights reserved. Privacy Policy Terms of Use ENG 14:59 19-10-2020

IAM Management Console X Amazon Web Services Sign In +

signin.amazon.com/signin

Roshni Dhal 95% Discount Offer... Speak2Connect LetsUpgrade Lear... LetsUpgrade | Learn...

Business Opportuni... 95% Discount Offer... Speak2Connect LetsUpgrade Lear... LetsUpgrade | Learn...

Would you like the password manager to save the password for "https://signin.aws.amazon.com"?

Q - Q - Save Never



Multi-factor authentication

Your account is secured using multi-factor authentication (MFA). To finish signing in, turn on or view your MFA device and type the authentication code below.

Email address: manojmanu3868@gmail.com

MFA code

Submit

Troubleshoot MFA

Cancel

About Amazon.com Sign In
Amazon Web Services uses information from your Amazon.com account to identify you and allow access to Amazon Web Services. Your use of this site is governed by our Terms of Use and Privacy Policy linked below. Your use of Amazon Web Services products and services is governed by the AWS Customer Agreement linked below unless you have entered into a separate agreement with Amazon Web Services or an AWS Value Added Reseller to purchase these products and services. The AWS Customer Agreement was updated on March 31, 2017. For more information about these updates, see Recent Changes.

© 2020, Amazon Web Services, Inc. or its affiliates. All rights reserved. Terms of Use | Privacy Policy | AWS Customer Agreement

English ▾

Build Mobile and Web Apps Fast

Add authentication and data syncing with AWS Amplify in just a few lines of code

LEARN MORE