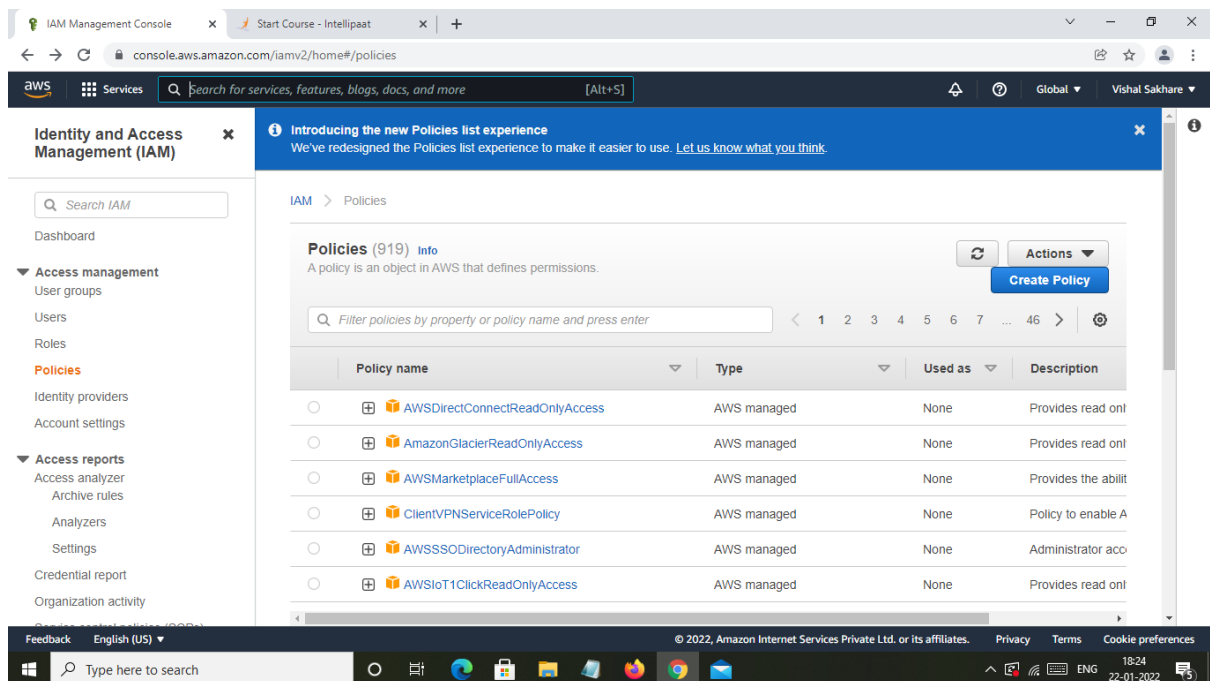
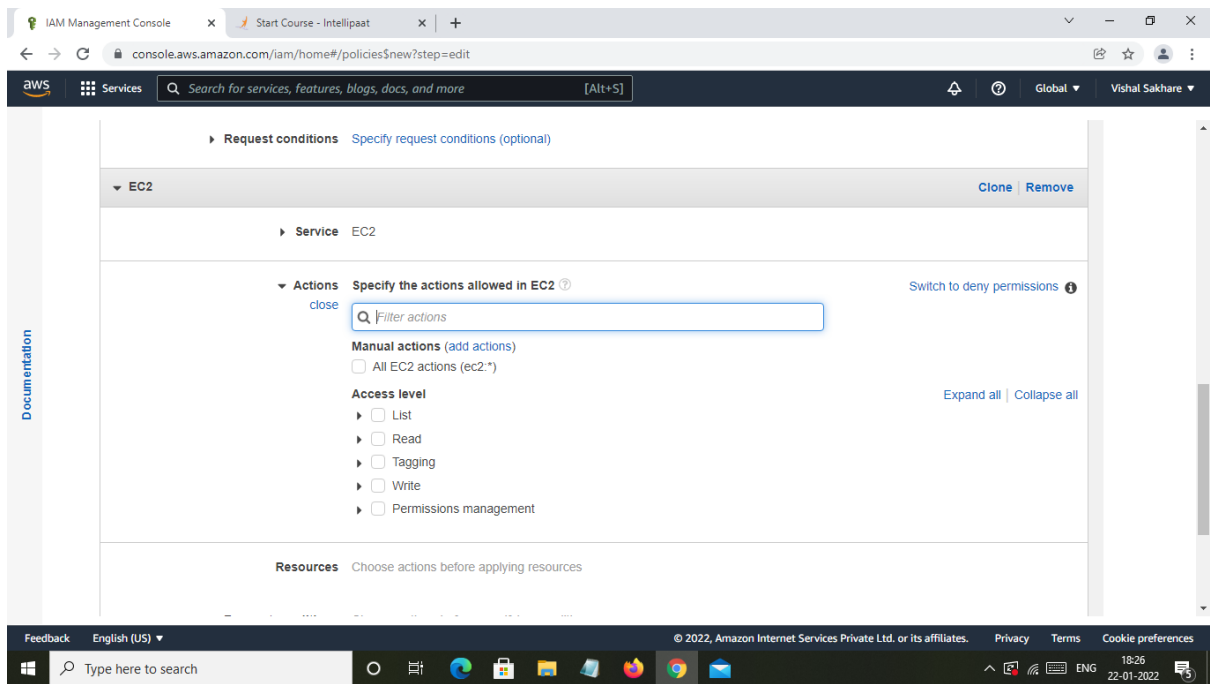
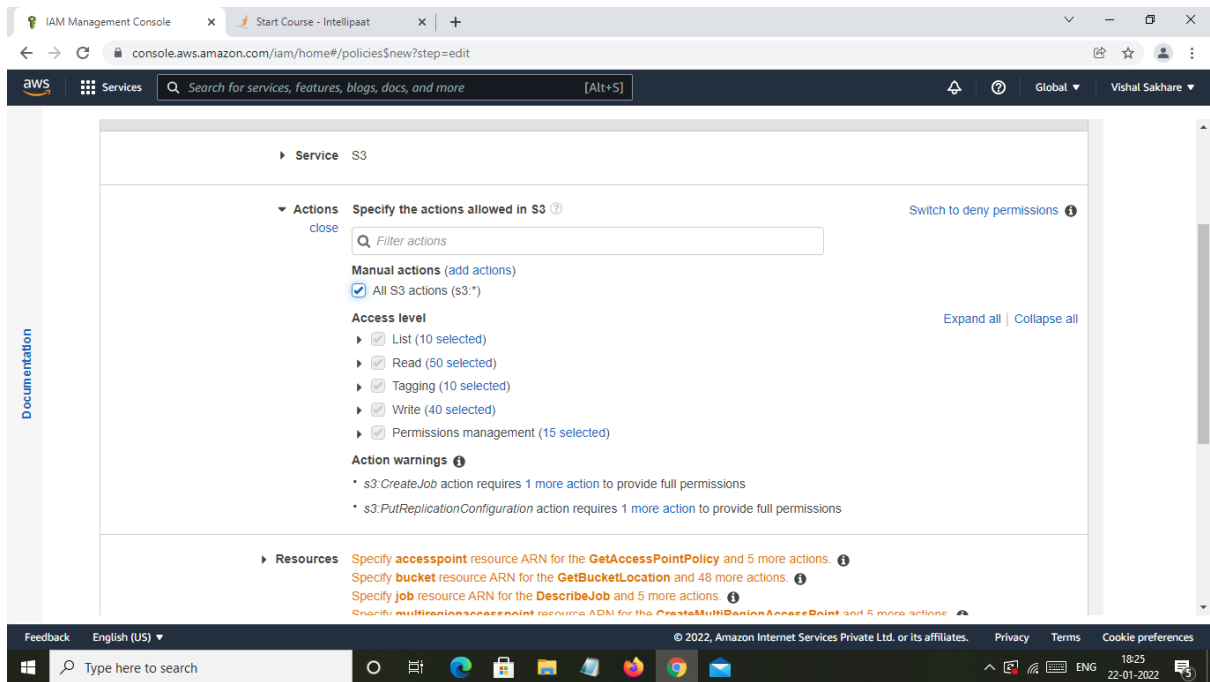


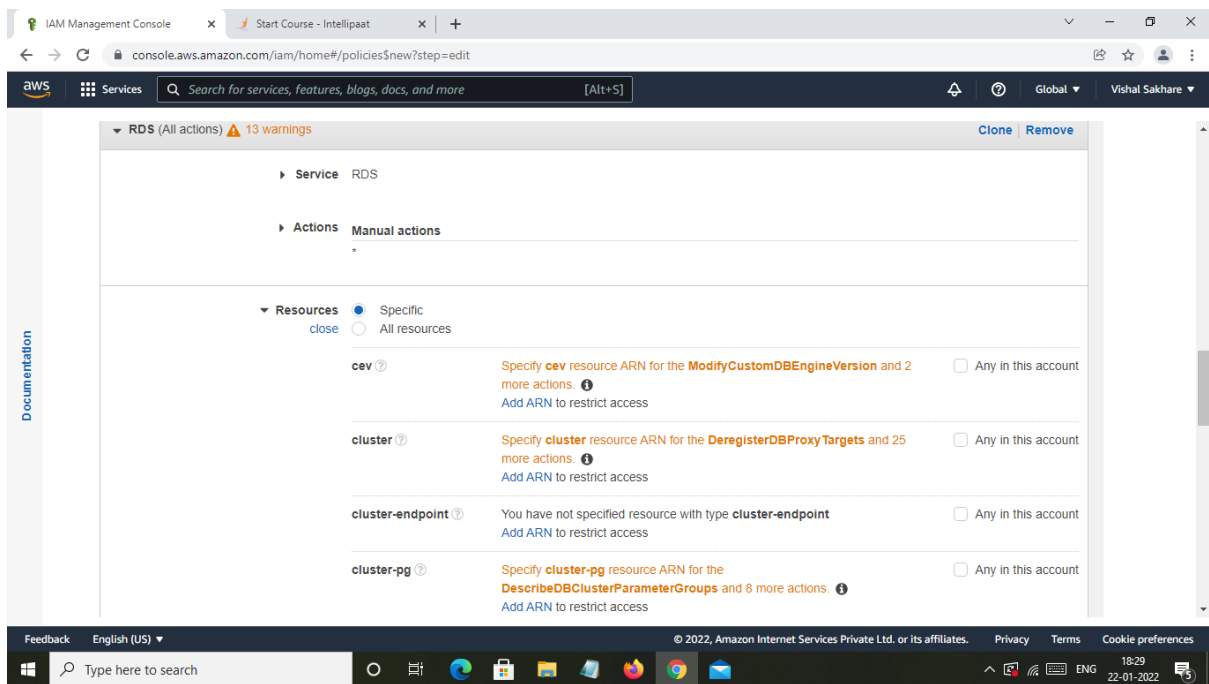
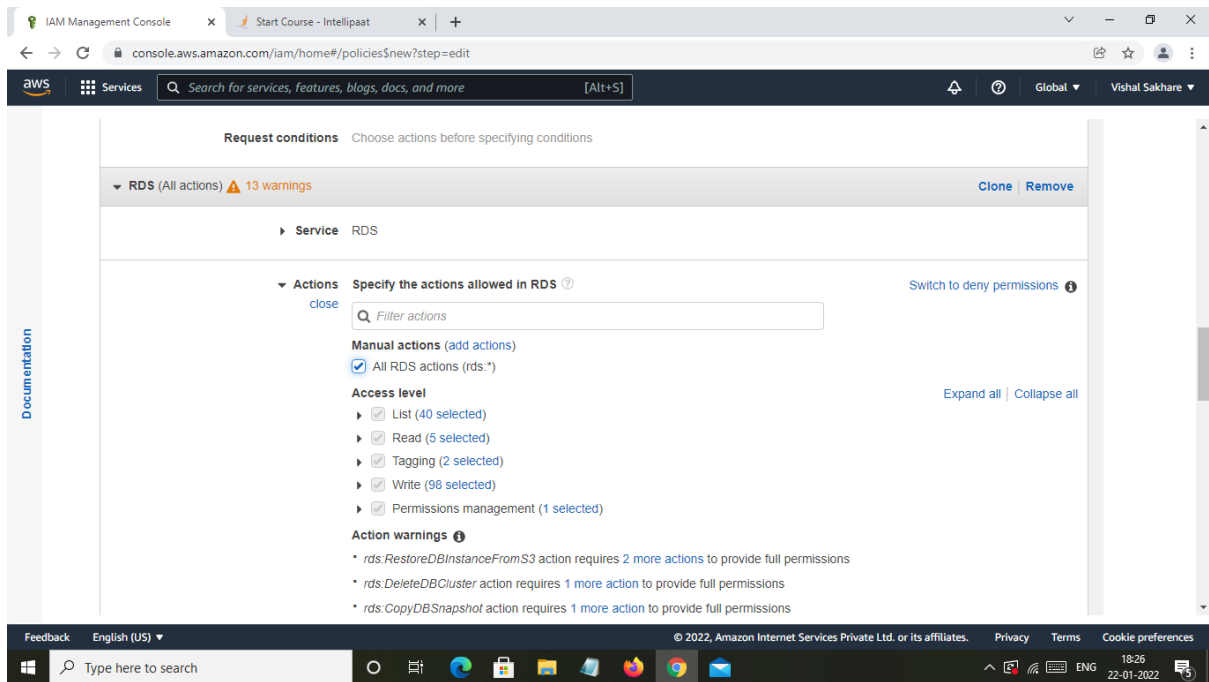
## Module-8: IAM Assignment – 2

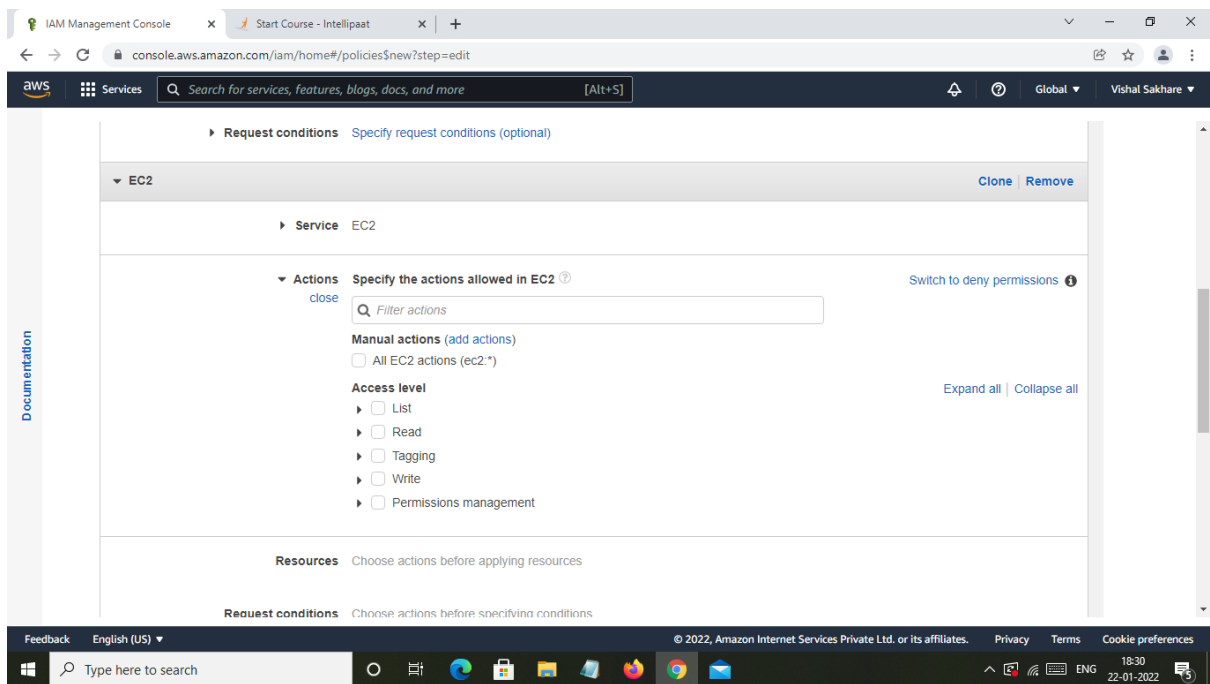
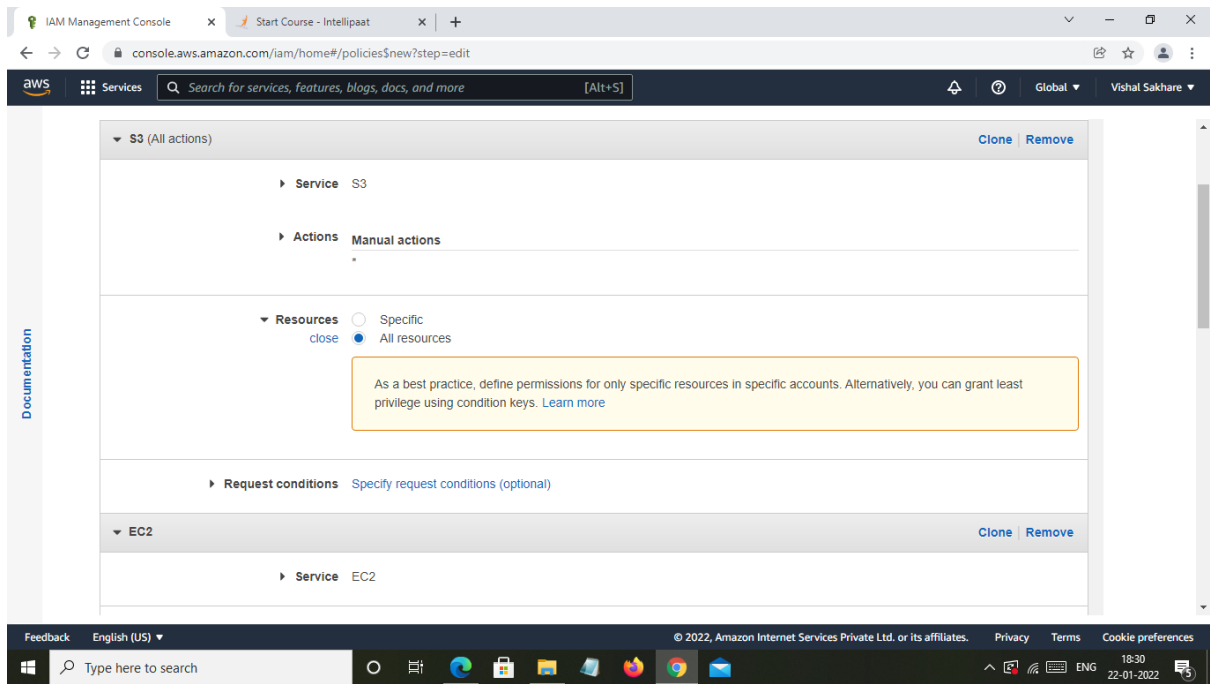
You have been asked to:

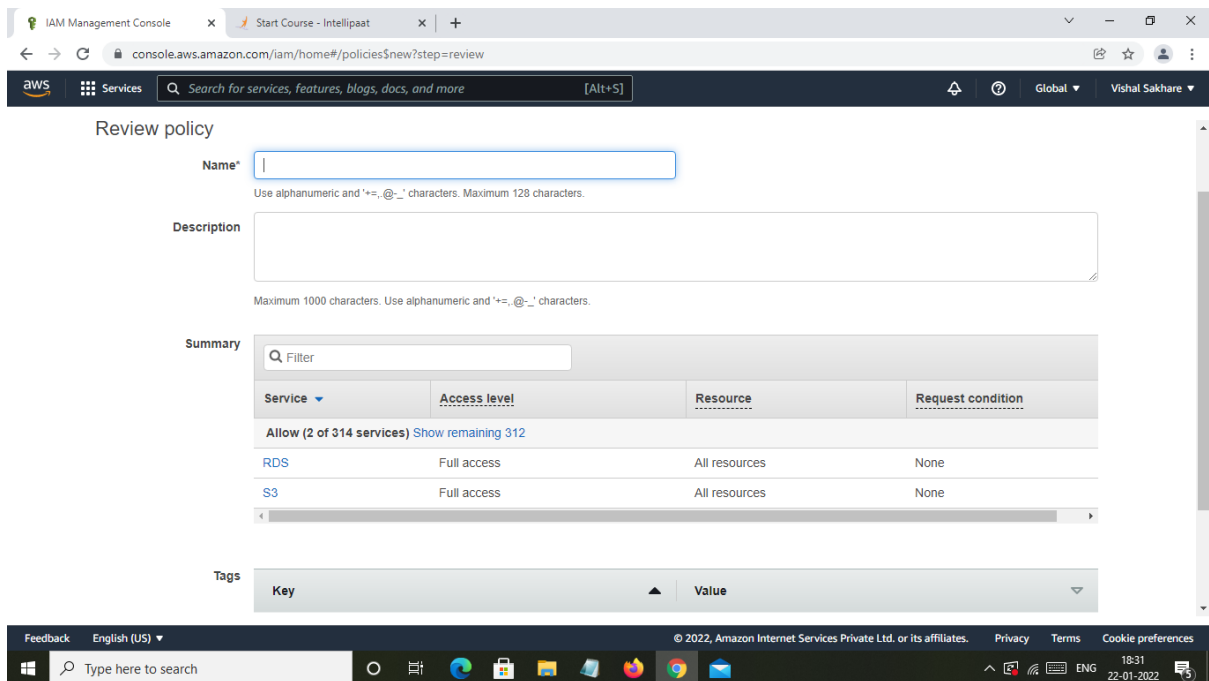
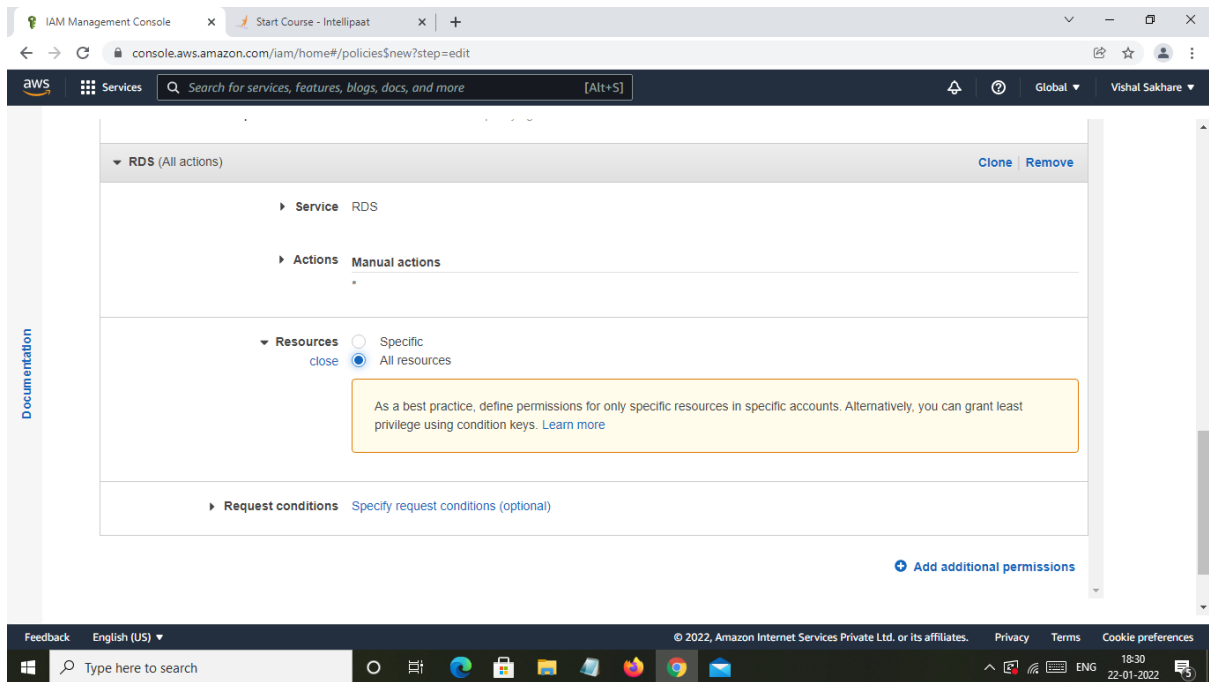
1. Create a policy number 1 which lets the users to:
    - a. Access S3 completely
    - b. Only create EC2 instances
    - c. And full access to RDS
  2. Create a policy number 2 which allows the users to:
    - a. Access CloudWatch and Billing completely
    - b. And can only list EC2 and S3 resources
  3. Attach policy number 1 to Dev Team from task 1
  4. Attach policy number 2 to Ops Team form task 2
- 1. Create a policy number 1 which lets the users to:**
- a. Access S3 completely
  - b. Only create EC2 instances
  - c. And full access to RDS

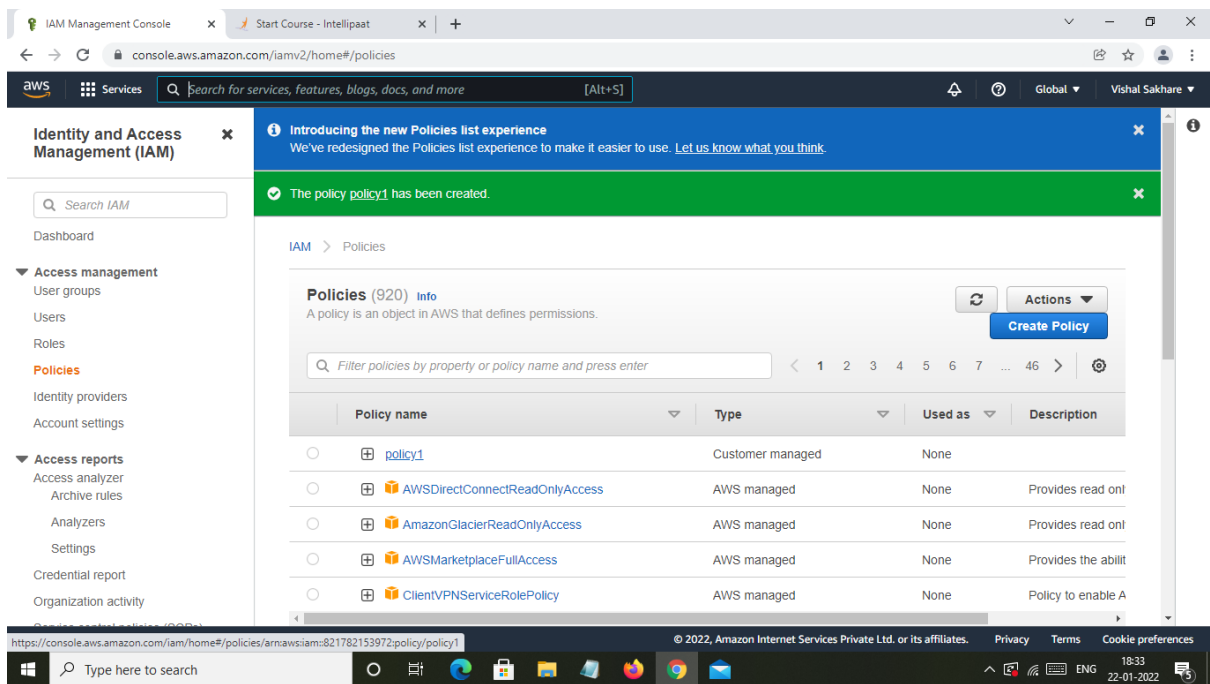
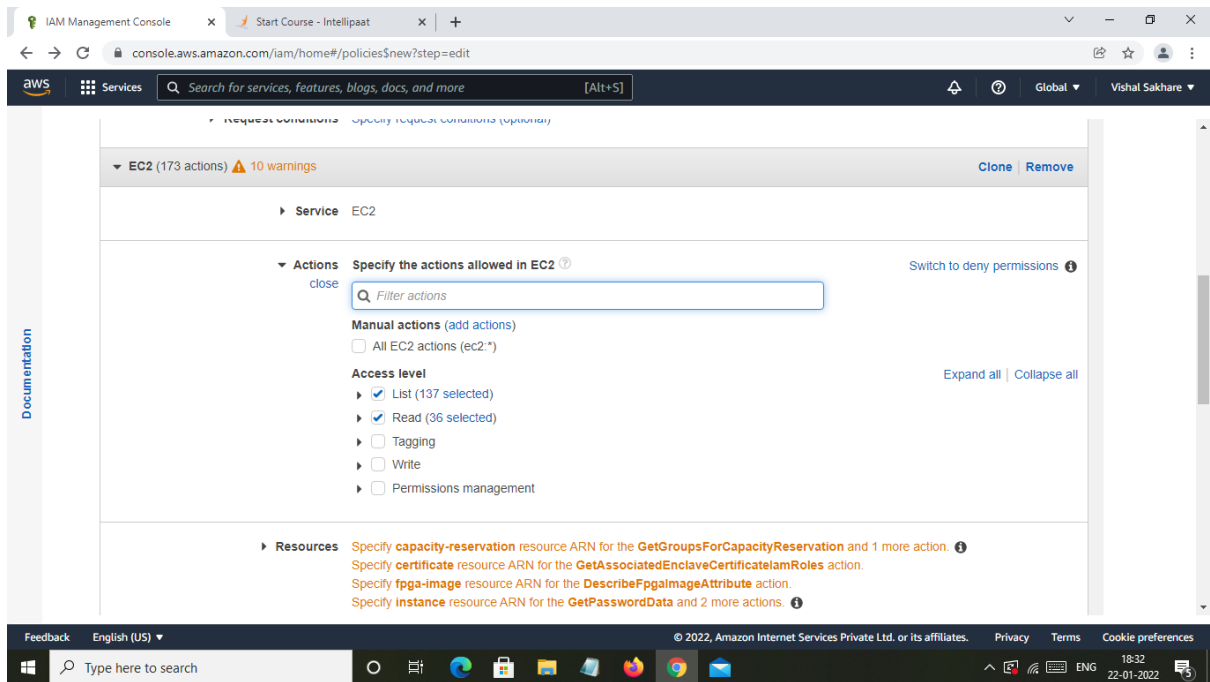










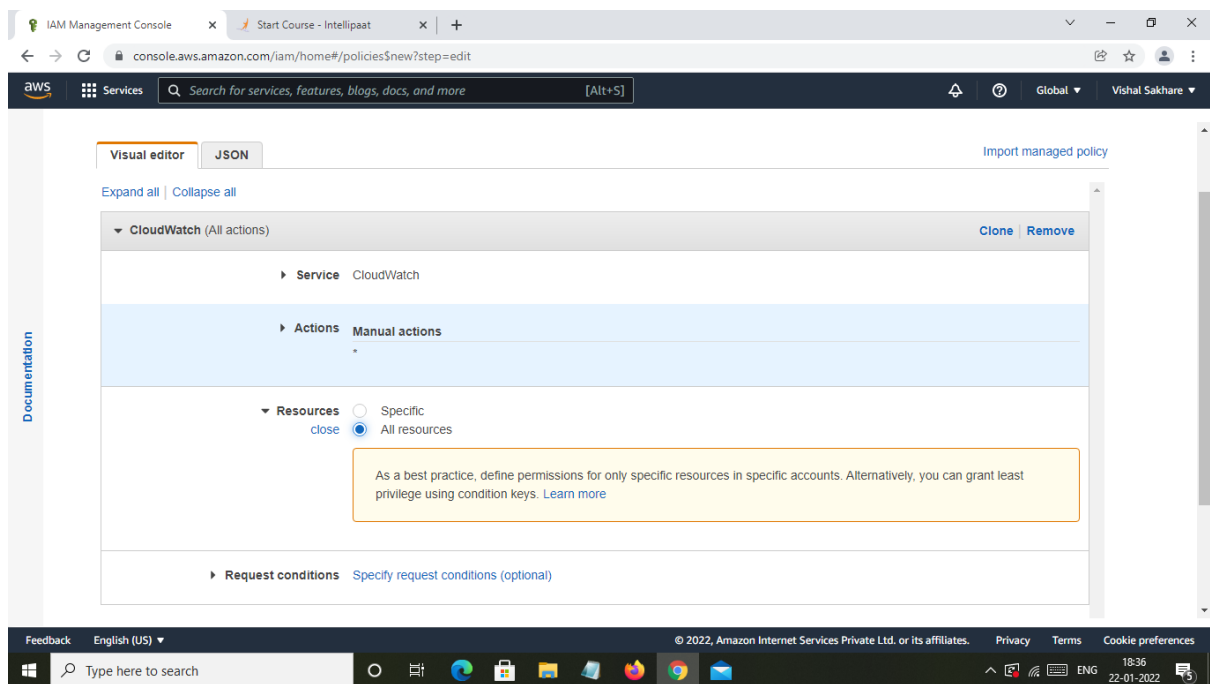
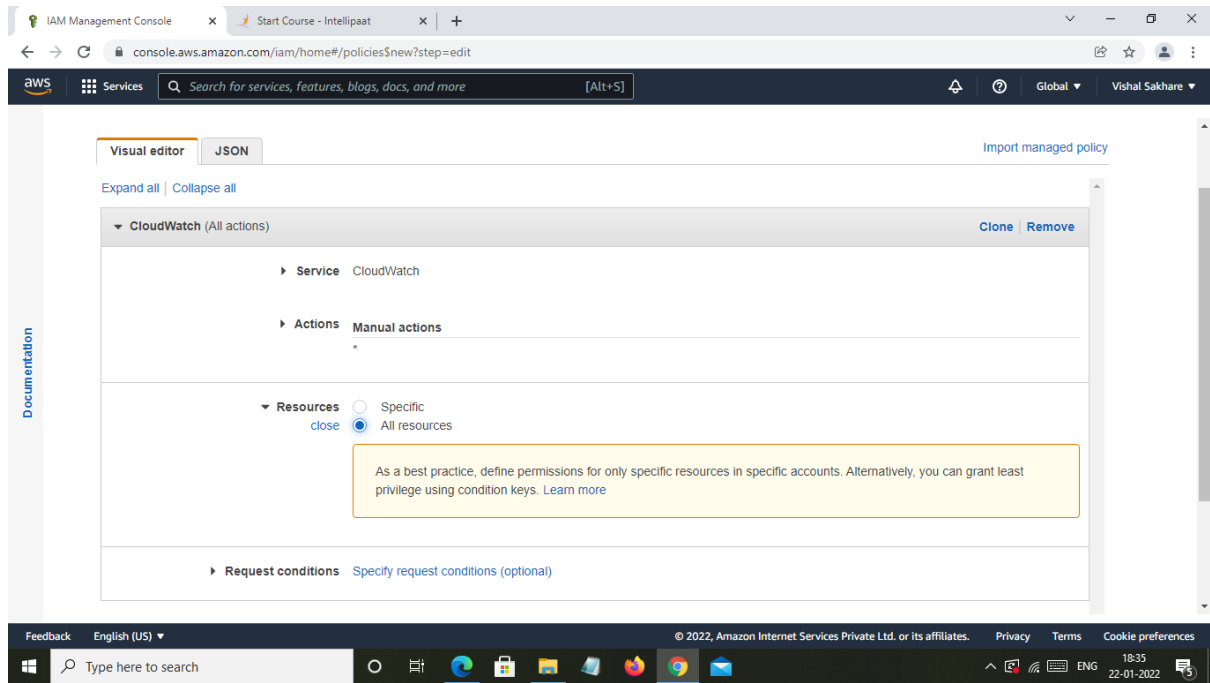


The screenshot shows the AWS IAM console interface. The left sidebar contains navigation links: Dashboard, Access management, User groups, Users, Roles, Policies (highlighted), Identity providers, Account settings, Access reports, Access analyzer, Archive rules, Analyzers, Settings, Credential report, and Organization activity. The main content area displays the 'Summary' page for 'policy1'. It includes the Policy ARN (arn:aws:iam::821782153972:policy/policy1), a description, and tabs for Permissions, Policy usage, Tags, Policy versions, and Access Advisor. The 'Permissions' tab is active, showing a table of permissions. The table has columns for Service, Access level, Resource, and Request condition. It lists three permissions: EC2, RDS, and S3, all with 'Full' access level and 'All resources'.

Service	Access level	Resource	Request condition
EC2	Full: List, Read	All resources	None
RDS	Full access	All resources	None
S3	Full access	All resources	None

## 2. Create a policy number 2 which allows the users to:

- Access CloudWatch and Billing completely
- And can only list EC2 and S3 resources





IAM Management Console | Start Course - IntelliPaat | console.aws.amazon.com/iam/home#/policies\$new?step=edit

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

Documentation

▼ Billing (All actions) [Clone](#) [Remove](#)

► Service Billing

▼ Actions [close](#) Specify the actions allowed in Billing [Switch to deny permissions](#) ⓘ

Filter actions

Manual actions (add actions)

☒ All Billing actions (aws-portal:\*)

Access level [Expand all](#) [Collapse all](#)

► ☒ Read (4 selected)

► ☒ Write (3 selected)

Resources All resources have been selected for you because this service does not allow you to choose specific resources.

► Request conditions [Specify request conditions \(optional\)](#)

[+ Add additional permissions](#)

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

Documentation

► Service EC2

▼ Actions [close](#) Specify the actions allowed in EC2 [Switch to deny permissions](#) ⓘ

Filter actions

Manual actions (add actions)

☐ All EC2 actions (ec2:\*)

Access level [Expand all](#) [Collapse all](#)

► ☒ List (137 selected)

► ☐ Read

► ☐ Tagging

► ☐ Write

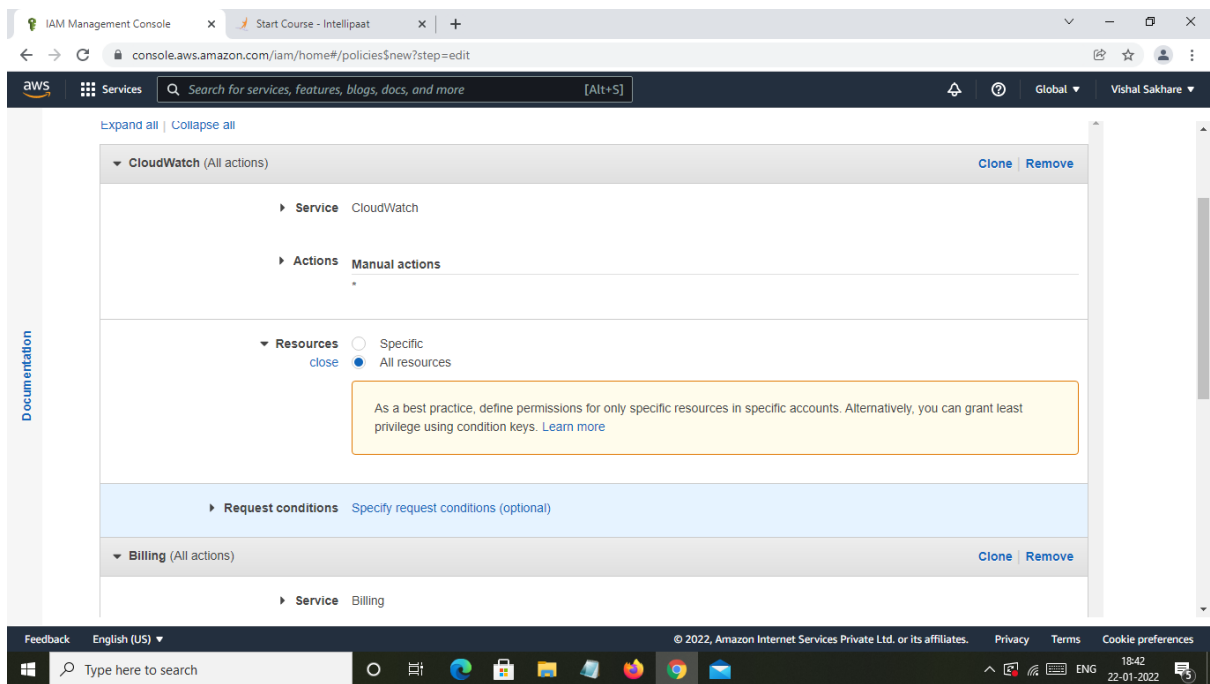
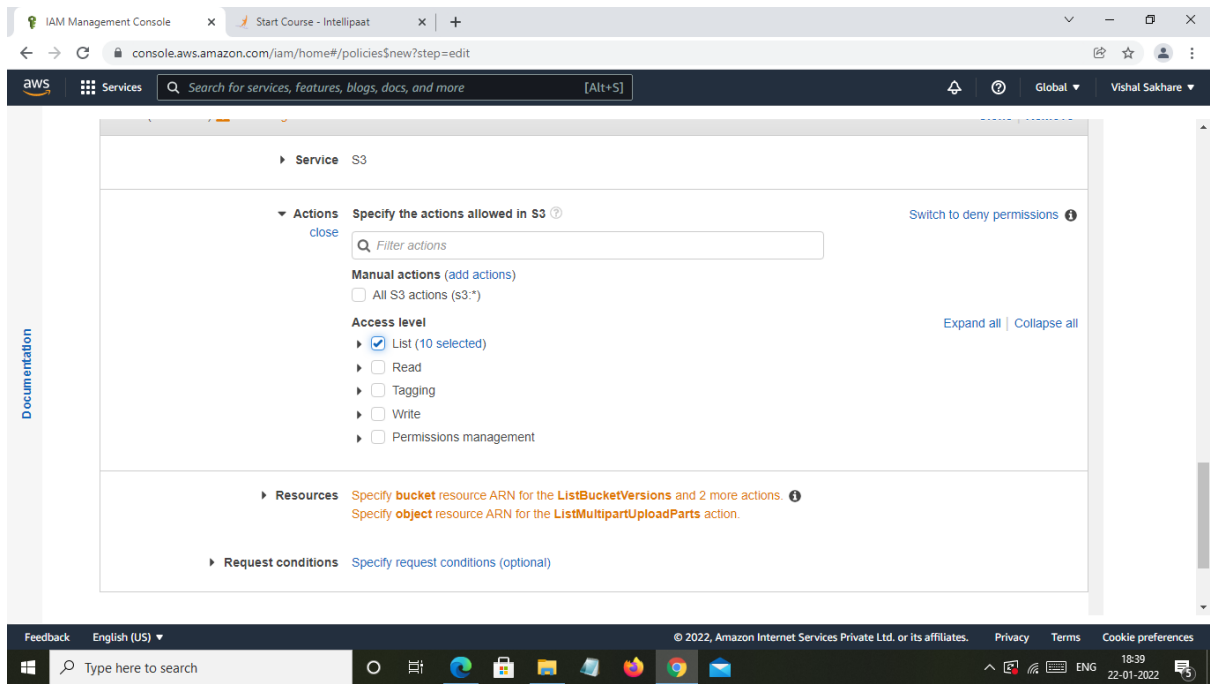
► ☐ Permissions management

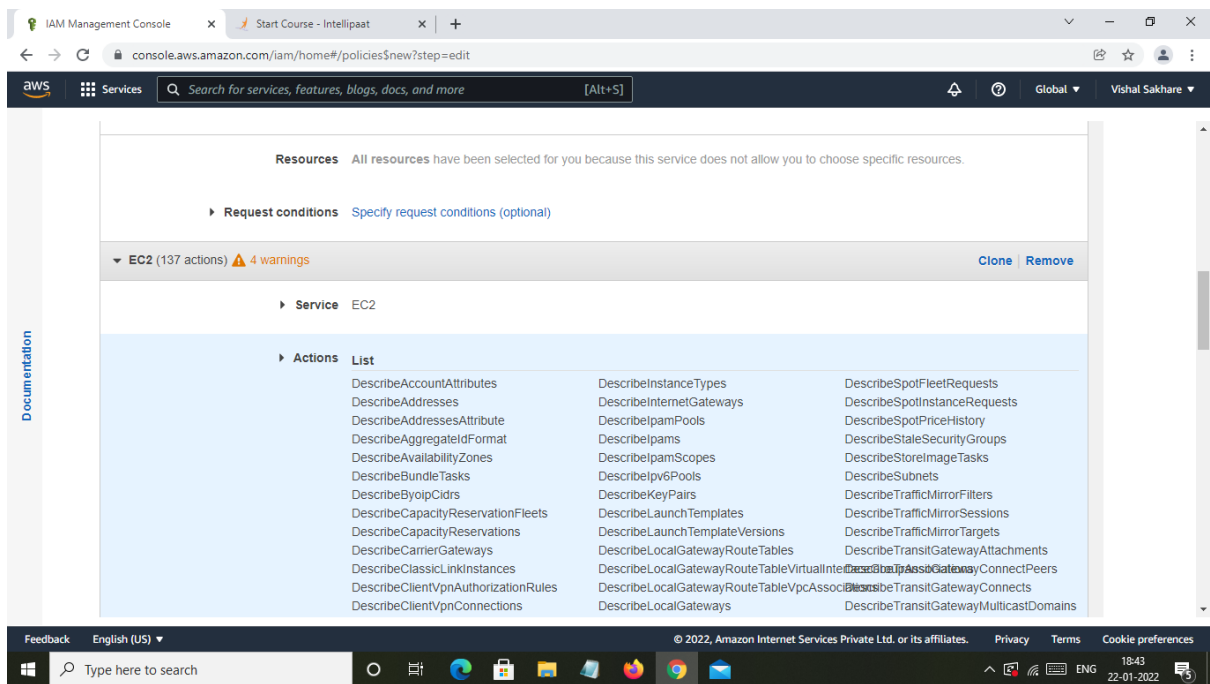
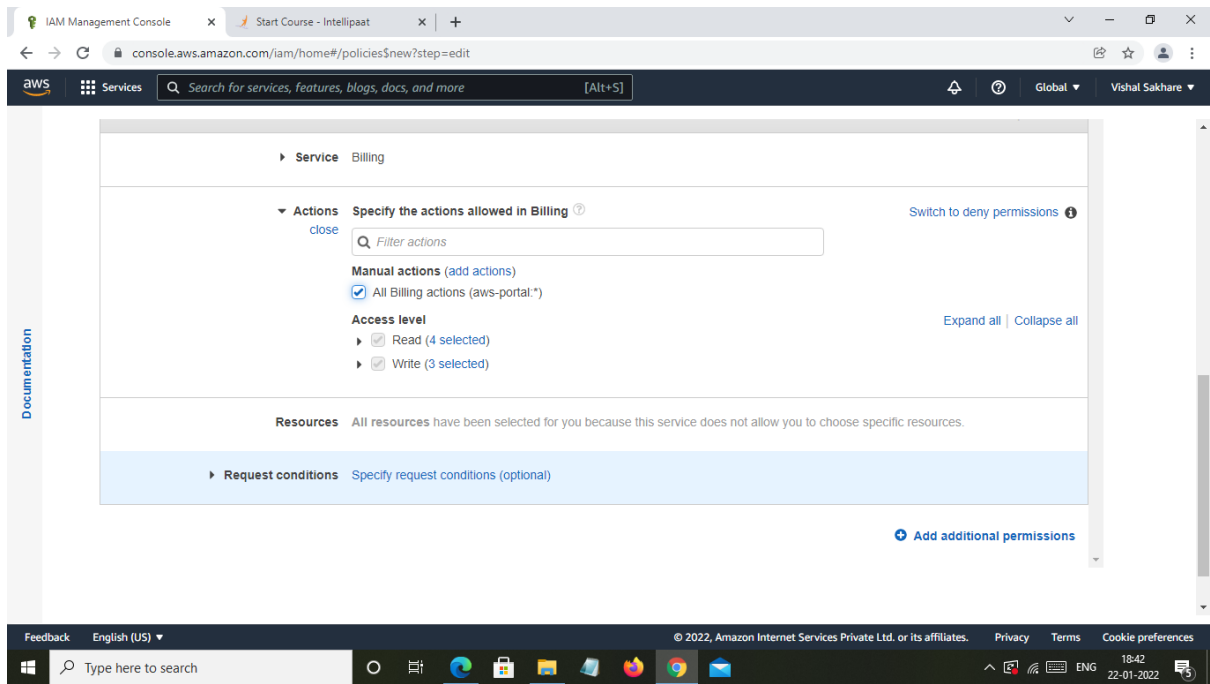
Resources Specify **capacity-reservation** resource ARN for the **GetGroupsForCapacityReservation** action.  
Specify **fpga-image** resource ARN for the **DescribeFpgaImageAttribute** action.  
Specify **transit-gateway-route-table** resource ARN for the **SearchTransitGatewayRoutes** action.  
Specify **vpn-connection** resource ARN for the **GetVpnConnectionDeviceSampleConfiguration** action.

► Request conditions [Specify request conditions \(optional\)](#)

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Request conditions [Specify request conditions \(optional\)](#)

S3 (10 actions) [Clone](#) [Remove](#)

Service S3

Actions List

ListAccessPoints	ListBucketMultiPartUploads	ListMultiRegionAccessPoints
ListAccessPointsForObjectLambda	ListBucketVersions	ListStorageLensConfigurations
ListAllMyBuckets	ListJobs	
ListBucket	ListMultiPartUploadParts	

Resources ☐ Specific ☒ All resources [close](#)

As a best practice, define permissions for only specific resources. Alternatively, you can grant least privilege using condition keys. [Learn more](#)

Request conditions [Specify request conditions \(optional\)](#)

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### Review policy

Name\*

Use alphanumeric and '+,=, @, \_' characters. Maximum 128 characters.

Description

Maximum 1000 characters. Use alphanumeric and '+,=, @, \_' characters.

Summary

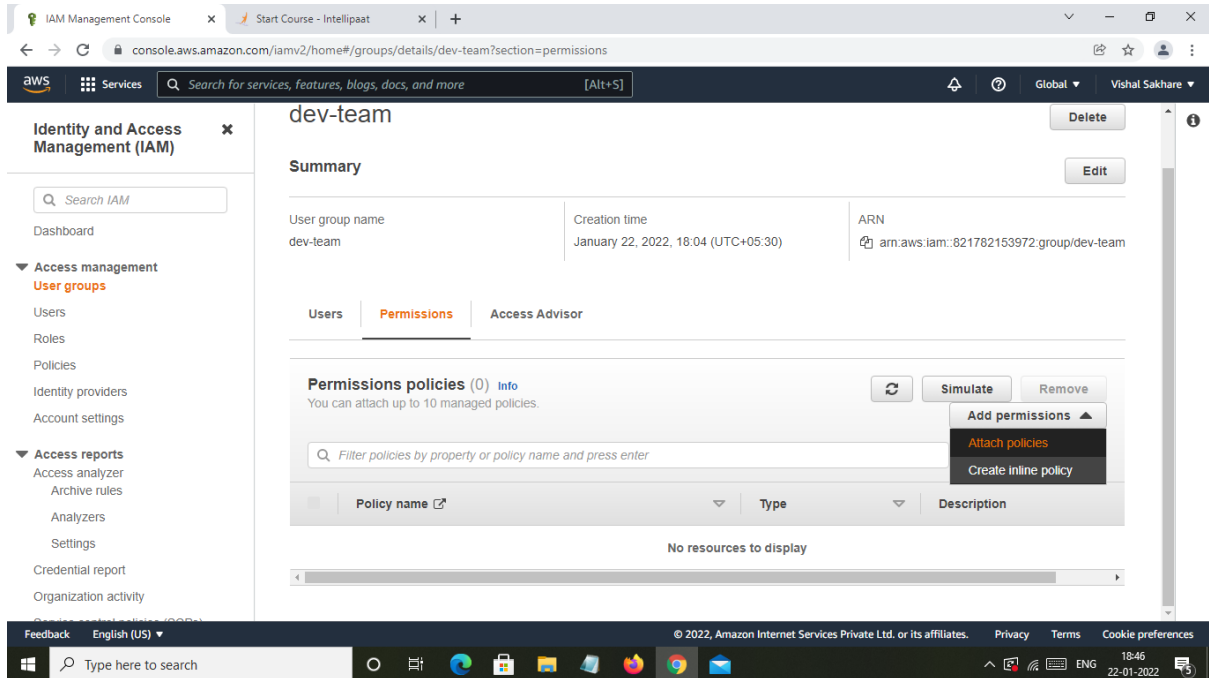
Service	Access level	Resource	Request condition
Allow (4 of 314 services) <a href="#">Show remaining 310</a>			
<a href="#">Billing</a>	Full access	All resources	None
<a href="#">CloudWatch</a>	Full access	All resources	None
<a href="#">EC2</a>	Full: List	All resources	None
<a href="#">S3</a>	Full: List	All resources	None

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### 3. Attach policy number 1 to Dev Team from task 1



The screenshot shows the AWS IAM Management Console for the 'dev-team' user group. The 'Permissions' tab is active, displaying 'Permissions policies (0)'. A dropdown menu is open, showing options: 'Add permissions', 'Attach policies', and 'Create inline policy'.

**Summary**

Property	Value
User group name	dev-team
Creation time	January 22, 2022, 18:04 (UTC+05:30)
ARN	arn:aws:iam::821782153972:group/dev-team

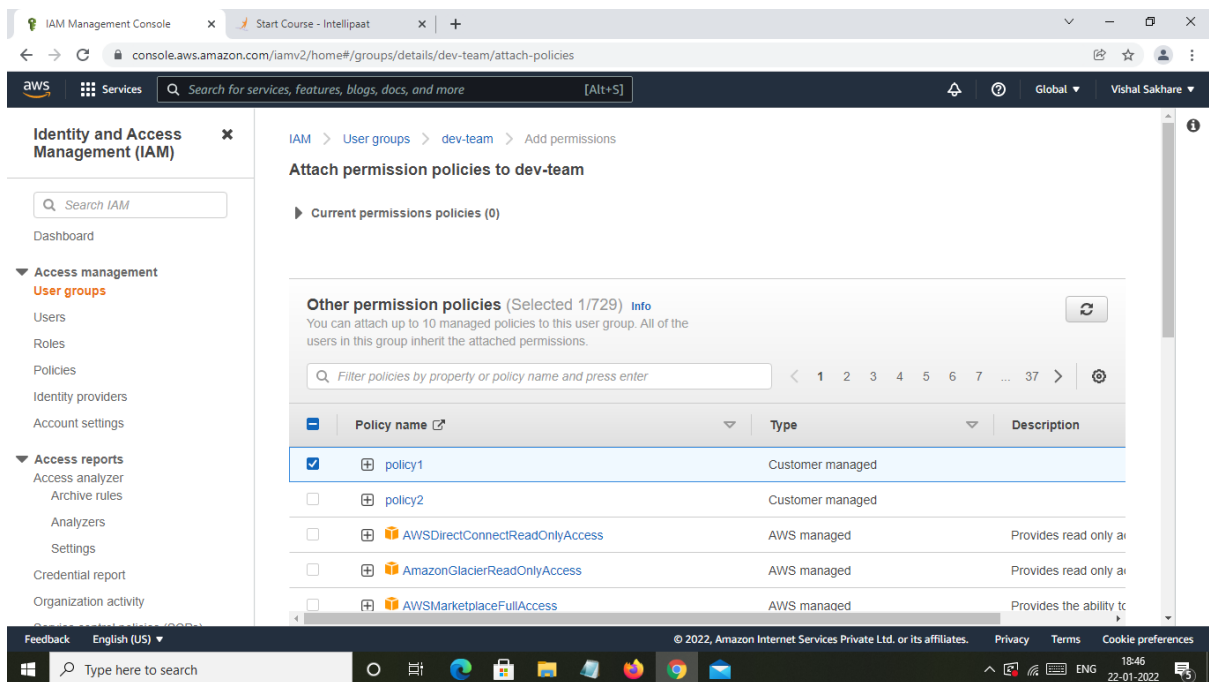
**Permissions policies (0)** Info

You can attach up to 10 managed policies.

Filter policies by property or policy name and press enter

Policy name Type Description

No resources to display



The screenshot shows the AWS IAM Management Console for the 'dev-team' user group, specifically the 'Attach permission policies to dev-team' page. The 'Current permissions policies (0)' section is empty. The 'Other permission policies (Selected 1/729)' section shows a list of policies, with 'policy1' selected.

**Attach permission policies to dev-team**

Current permissions policies (0)

**Other permission policies (Selected 1/729)** Info

You can attach up to 10 managed policies to this user group. All of the users in this group inherit the attached permissions.

Filter policies by property or policy name and press enter

Policy name	Type	Description
<input checked="" type="checkbox"/> policy1	Customer managed	
<input type="checkbox"/> policy2	Customer managed	
<input type="checkbox"/> AWSDirectConnectReadOnlyAccess	AWS managed	Provides read only access to Direct Connect connections and interfaces.
<input type="checkbox"/> AmazonGlacierReadOnlyAccess	AWS managed	Provides read only access to Amazon Glacier vaults and archives.
<input type="checkbox"/> AWSMarketplaceFullAccess	AWS managed	Provides the ability to view and manage AWS Marketplace subscriptions.

Identity and Access Management (IAM)

Search IAM

Dashboard

Access management

User groups

Users

Roles

Policies

Identity providers

Account settings

Access reports

Access analyzer

Archive rules

Analizers

Settings

Credential report

Organization activity

## dev-team

Delete

Edit

Summary

User group name	Creation time	ARN
dev-team	January 22, 2022, 18:04 (UTC+05:30)	arn:aws:iam::821782153972:group/dev-team

Users Permissions Access Advisor

Permissions policies (1) Info

You can attach up to 10 managed policies.

Simulate Remove

Add permissions

Filter policies by property or policy name and press enter

Policy name	Type	Description
policy1	Customer managed	

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18:46 22-01-2022

Identity and Access Management (IAM)

Search IAM

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Access management

User groups

Users

Roles

Policies

Identity providers

Account settings

Access reports

Access analyzer

Archive rules

Analizers

Settings

Credential report

Organization activity

## ops-team

Delete

Edit

Summary

User group name	Creation time	ARN
ops-team	January 22, 2022, 18:05 (UTC+05:30)	arn:aws:iam::821782153972:group/ops-team

Users Permissions Access Advisor

Permissions policies (0) Info

You can attach up to 10 managed policies.

Simulate Remove

Add permissions

Attach policies

Create inline policy

Filter policies by property or policy name and press enter

Policy name	Type	Description
-------------	------	-------------

No resources to display

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18:47 22-01-2022

## 4. Attach policy number 2 to Ops Team from task 1

The screenshot shows the AWS IAM Management Console. The left sidebar contains navigation links for Identity and Access Management (IAM), Access management (User groups, Users, Roles, Policies, Identity providers, Account settings), Access reports (Access analyzer, Archive rules, Analyzers, Settings, Credential report, Organization activity), and Feedback. The main content area is titled 'Current permissions policies (0)' and shows a list of 'Other permission policies (Selected 1/729)'. The table lists various AWS managed policies, with 'policy2' (Customer managed) selected. The table has columns for Policy name, Type, and Description.

	Policy name	Type	Description
<input type="checkbox"/>	policy1	Customer managed	
<input checked="" type="checkbox"/>	policy2	Customer managed	
<input type="checkbox"/>	AWSDirectConnectReadOnlyAccess	AWS managed	Provides read only access to AWS Dire...
<input type="checkbox"/>	AmazonGlacierReadOnlyAccess	AWS managed	Provides read only access to Amazon G...
<input type="checkbox"/>	AWSMarketplaceFullAccess	AWS managed	Provides the ability to subscribe and un...
<input type="checkbox"/>	AWSSSODirectoryAdministrator	AWS managed	Administrator access for SSO Directory
<input type="checkbox"/>	AWSIoT1ClickReadOnlyAccess	AWS managed	Provides read only access to AWS IoT 1...
<input type="checkbox"/>	AutoScalingConsoleReadOnlyAccess	AWS managed	Provides read-only access to Auto Scal...

The screenshot shows the AWS IAM Management Console for the 'ops-team' user group. The left sidebar is the same as the previous screenshot. The main content area is titled 'ops-team' and shows a 'Summary' section with fields for User group name (ops-team), Creation time (January 22, 2022, 18:05 (UTC+05:30)), and ARN (arn:aws:iam::821782153972:group/ops-team). Below the summary, the 'Permissions' tab is active, showing 'Permissions policies (1)'. The table lists the attached policies, with 'policy2' (Customer managed) shown. The table has columns for Policy name, Type, and Description.

	Policy name	Type	Description
<input type="checkbox"/>	policy2	Customer managed	



The screenshot shows the AWS IAM console interface. The main content area is titled 'User groups (2)' and includes a description: 'A user group is a collection of IAM users. Use groups to specify permissions for a collection of users.' Below this is a search bar for filtering user groups. A table lists the existing user groups:

<input type="checkbox"/>	Group name	Users	Permissions	Creation time
<input type="checkbox"/>	dev-team	2	Defined	42 minutes ago
<input type="checkbox"/>	ops-team	3	Defined	41 minutes ago

The left sidebar contains the 'Identity and Access Management (IAM)' menu with the following items: Dashboard, Access management (expanded), User groups (selected), Users, Roles, Policies, Identity providers, Account settings, Access reports (expanded), Access analyzer, Archive rules, Analyzers, Settings, Credential report, and Organization activity. The top navigation bar shows the AWS logo, 'Services' link, and a search bar. The bottom status bar indicates the page is from 2022, Amazon Internet Services Private Ltd. or its affiliates, and shows the time as 18:47 on 22-01-2022.