

1. Create a Customer-Managed Policy

The screenshot shows the AWS IAM console in the 'Create policy' step. The 'Visual editor' tab is active. Below the tabs, there are instructions for selecting a service, actions, resources, and request conditions. An 'Import managed policy' modal is open, displaying a search for 'AWSLambda_FullAccess' with one result shown in a table.

Create policy

A policy defines the AWS permissions that you can assign to a user, group, or role. You can create and edit a policy in the visual editor and using JSON. [Learn more](#)

Visual editor | JSON | [Import managed policy](#)

[Expand all](#) | [Collapse all](#)

▼ Select a service [Clone](#) [Remove](#)

- **Service** [Choose a service](#)
- Actions** Choose a service before defining actions
- Resources** Choose actions before applying resources
- Request conditions** Choose actions before specifying conditions

Import managed policies

Choose policies to import
The permissions for the chosen policies will be added to your policy. You can review your policy's final permissions before you save it.

[Filter policies](#) ▼ Showing 1 result

	Policy name ▼	Used as	Description
<input type="radio"/>	► AWSLambda_FullAccess	None	Grants full access to AWS Lambda ser...

[Cancel](#) [Import](#)

us-east-1.console.aws.amazon.com/iam/home#/policies\$new?step=edit

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Create policy

1 2 3

A policy defines the AWS permissions that you can assign to a user, group, or role. You can create and edit a policy in the visual editor and using JSON. [Learn more](#)

Visual editor JSON [Import managed policy](#)

Expand all Collapse all

▶ KMS (1 action)	Clone Remove
▶ Lambda (All actions)	Clone Remove
▶ IAM (7 actions)	Clone Remove
▶ CloudWatch (2 actions)	Clone Remove
▶ X-Ray (2 actions)	Clone Remove
▶ Resource Group Tagging (1 action)	Clone Remove
▶ CloudWatch Logs (1 action)	Clone Remove

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us-east-1.console.aws.amazon.com/iam/home#/policies\$new?step=review

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Create policy

1 2 3

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 (9 of 327 services) Show remaining 318			
CloudFormation	Limited: List	All resources	None

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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
- Analyzers
- Settings

The policy **my_dev_access** has been created.

IAM > Policies

Policies (956) [Info](#)

A policy is an object in AWS that defines permissions.

[Create policy](#)

Policy name	Type	Used as	Description
<input type="radio"/> allow_all	Customer managed	Permissions policy (1)	
<input type="radio"/> my_dev_access	Customer managed	None	
<input type="radio"/> AWSDirectConnectReadOnlyAccess	AWS managed	None	Pro
<input type="radio"/> AmazonGlacierReadOnlyAccess	AWS managed	None	Pro
<input type="radio"/> AWSMarketplaceFullAccess	AWS managed	None	Pro

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2. Create a Group Controlled via a Customer-Managed Policy

The screenshot shows the AWS IAM console interface for creating a new user group. The breadcrumb navigation indicates the path: IAM > User groups > Create user group. The main heading is 'Create user group'. Under the section 'Name the group', there is a 'User group name' field with the value 'developers' entered. Below this field, a note states: 'Maximum 128 characters. Use alphanumeric and '+', '@', '-' characters.' There is also an 'Add users to the group - Optional (5)' section with an 'Info' link and a search bar. The left sidebar shows the 'Identity and Access Management (IAM)' menu with options like Dashboard, Access management (User groups, Users, Roles, Policies, Identity providers, Account settings), and Access reports (Access analyzer, Archive rules, Analyzers, Settings). The footer includes a feedback link, a language selection prompt, and copyright information for Amazon Web Services, Inc. (© 2022).

us-east-1.console.aws.amazon.com/iamv2/home#/groups/create

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Identity and Access Management (IAM)

Search IAM

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Settings

IAM > User groups > Create user group

Create user group

Name the group

User group name
Enter a meaningful name to identify this group.

developers

Maximum 128 characters. Use alphanumeric and '+', '@', '-' characters.

Add users to the group - Optional (5) Info

An IAM user is an entity that you create in AWS to represent the person or application that uses it to interact with AWS. A user can belong to up to 10 groups.

Search

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The screenshot shows the 'Add permissions' step in the AWS IAM console. The breadcrumb navigation is: IAM > User groups > Create user group > Add permissions. The main heading is 'Add permissions'. Below this, there is a search bar and a table of policies. The table has columns for 'Policy name', 'Type', and 'Description'. The policy 'my_dev_access' is selected with a checkmark. The left sidebar is the same as in the previous screenshot. The footer is also the same.

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Identity and Access Management (IAM)

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IAM > User groups > Create user group > Add permissions

Add permissions

Filter policies by property or policy name and press enter

	Policy name	Type	Description
<input type="checkbox"/>	allow_all	Customer managed	
<input checked="" type="checkbox"/>	my_dev_access	Customer managed	
<input type="checkbox"/>	AWSDirectConnectReadOnlyAccess	AWS managed	Provides read only
<input type="checkbox"/>	AmazonGlacierReadOnlyAccess	AWS managed	Provides read only
<input type="checkbox"/>	AWSMarketplaceFullAccess	AWS managed	Provides the ability
<input type="checkbox"/>	AWSSSODirectoryAdministrator	AWS managed	Administrator acce
<input type="checkbox"/>	AWSIoT1ClickReadOnlyAccess	AWS managed	Provides read only
<input type="checkbox"/>	AutoScalingConsoleReadOnlyAccess	AWS managed	Provides read-only
<input type="checkbox"/>	AmazonDMSRedshiftS3Role	AWS managed	Provides access to
<input type="checkbox"/>	AWSQuickSightListIAM	AWS managed	Allow QuickSight t

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Settings

developers user group created. View group

IAM > User groups

User groups (1) Info

A user group is a collection of IAM users. Use groups to specify permissions for a collection of users.

Filter User groups by property or group name and press enter

Group name Users Permissions Creation time

<input type="checkbox"/>	developers	0	Defined	Now
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3. Assign Users to the Group

us-east-1.console.aws.amazon.com/iamv2/home#/groups/details/developers/add-users

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IAM > User groups > developers > Add users

Add users to developers

Other users in this account (Selected 4/5) Info

Search

<input type="checkbox"/>	User name	Groups	Last activity	Creation time
<input type="checkbox"/>	cloud_user	0	10 minutes ago	44 minutes ago
<input checked="" type="checkbox"/>	developer-1	0	None	44 minutes ago
<input checked="" type="checkbox"/>	developer-2	0	None	44 minutes ago
<input checked="" type="checkbox"/>	developer-3	0	None	44 minutes ago
<input checked="" type="checkbox"/>	developer-4	0	None	44 minutes ago

Cancel Add users

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us-east-1.console.aws.amazon.com/iamv2/home#/groups/details/developers?section=users

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Global

cloud_user @ 5020-5523-6413

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▼ Access management

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🟢 Users added to this group.

✕

🔔

IAM > User groups > developers

developers

Delete

Summary

Edit

User group name	Creation time	ARN
developers	July 07, 2022, 15:35 (UTC+05:30)	arn:aws:iam::502055236413:group/developers

Users

Permissions

Access Advisor

Users in this group (4) Info

🔄

Remove users

Add users

An IAM user is an entity that you create in AWS to represent the person or application that uses it to interact with AWS.

Feedback

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