



Oguzhan
Selcuk
Hiziroglu

**IAM USER KULLANIMI
USER VE GRUPLARIN OLUŞTURULMASI (HANDS-ON)
TROUBLESHOOTING
ROLLER**



Sign in

1

Öncelikle konsola 'root user' olarak giriyoruz. E-mail adresinizi giriniz.

 Root user

Account owner that performs tasks requiring unrestricted access. [Learn more](#)

 IAM user

User within an account that performs daily tasks. [Learn more](#)

Root user email address

[Next](#)

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[New to AWS?](#)[Create a new AWS account](#)



Security check

Type the characters seen in the image below



- 2 Güvenlik doğrulaması için kutucuk içindeki karakterleri giriniz.

Amazon Lightsail
Lightsail is the easiest way
to get started on AWS

[Learn more »](#)

A cartoon robot character is standing on the right side of the advertisement, giving a thumbs up.



Root user sign in ⓘ

Email: oshiziroglu91@gmail.com

Password

[Forgot password?](#)

Sign in

[Sign in to a different account](#)

[Create a new AWS account](#)

3

Şifrenizi girerek sisteme giriş yapınız.





Services

IAM



4 Arama kısmına IAM yaz.

AWS Management Console

AWS services

Recently visited services



EC2



CloudWatch



Billing

All services

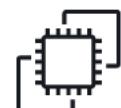
Build a solution

Get started with simple wizards and automated workflows.

Launch a virtual machine

With EC2

2-3 minutes



Build a web app

With Elastic Beanstalk

6 minutes



Build using virtual servers

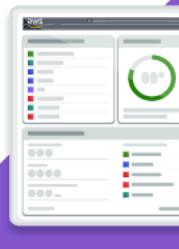
With Lightsail

1-2 minutes



New AWS Console Home

See valuable insights for your account and services with the new customizable Console Home experience. [Learn more](#)

[Switch now](#)

Stay connected to your AWS resources on-the-go



AWS Console Mobile App now supports four additional regions. Download the AWS Console Mobile App to your iOS or Android mobile device. [Learn more](#)

Explore AWS



Services

IAM



N. Virginia

Oguzhan



A

Services (5)

Features (15)

Blogs (1,267)

Documentation (99,483)

Knowledge Articles (30)

Events (5)

Marketplace (264)

Search results for 'IAM'

Services

See all 5 results ▶



IAM

Manage access to AWS resources

5

Buraya tıkla.



Resource Access Manager

Share AWS resources with other accounts or AWS Organizations



Amazon VPC IP Address Manager

Managed IP address management service



Serverless Application Repository

Assemble, deploy, and share serverless applications within teams or publicly

Features

See all 15 results ▶



Groups

IAM feature

S Console Home

Get insights for your AWS services with the customizable Console Home. [Learn more](#)



Connected to your AWS services on-the-go

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AWS

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

Credential report

Organization activity

Service control policies (SCPs)

i Introducing the new Users list experience

We've redesigned the Users list experience to make it easier to use. [Let us know what you think.](#)

IAM > Users

Users (0) [Info](#)

An IAM user is an identity with long-term credentials that is used to interact with AWS in an account.

Find users by username or access key



Delete

Add users

7

User name Groups Last activity MFA Password age Active key age

No resources to display

< 1 >

7

Add user

1 2 3 4 5

Set user details

You can add multiple users at once with the same access type and permissions. [Learn more](#)

User name*

[+ Add another user](#)

8

Kullanıcı adınızı giriniz.

Select AWS access type

Select how these users will primarily access AWS. If you choose only programmatic access, it does NOT prevent users from accessing the console using an assumed role. Access keys and autogenerated passwords are provided in the last step. [Learn more](#)

Select AWS credential type*



Access key - Programmatic access

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

CLI'dan girmek için

9 İkisini de seç



Password - AWS Management Console access

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

Konsoldan girmek için

Console password*



Autogenerated password



Custom password

10

Şifre belirlemek için burayı seç ve sonrasında şifreni gir
Şifreyi kendimiz belirliyoruz.

 Show password

Require password reset



User must create a new password at next sign-in

Users automatically get the [IAMUserChangePassword](#) policy to allow them to change their own password.

11

ilk girişte şifre değiştirmek istemiyorsan
burada default olarak seçili olan tiki kaldır.

12

Cancel

Next: Permissions

Add user Burayı seçersek, kullanıcı eklendiği grubun policy'lerine tabii olur.

1 2 3 4 5

▼ Set permissions Burayı seçersek, hali hazırda var olan bir kullanıcının policy'lerini kopyalar ve şu anda eklediğimiz kullanıcının policy'leri haline getirmiştir.

Add user to group Copy permissions from existing user Attach existing policies directly

13 Burayı seç. Çünkü ilk defa giriyoruz. Policy belirlememiz gerekiyor.

i Get started with groups
You haven't created any groups yet. Using groups is a best-practice way to manage users' permissions by job functions, AWS service access, or your custom permissions. Get started by creating a group. [Learn more](#)

Create group

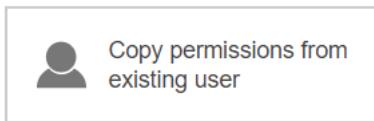
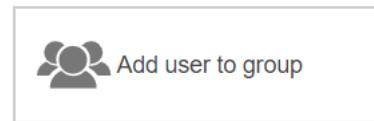
► Set permissions boundary

Cancel **Previous** **Next: Tags**

Add user

1 2 3 4 5

▼ Set permissions



Create policy



	Policy name	Type	Used as
<input checked="" type="checkbox"/>	AdministratorAccess	Yönetici rolü – Job function	Job function
<input type="checkbox"/>	AdministratorAccess-Amplify	AWS managed	None
<input type="checkbox"/>	AdministratorAccess-AWSElasticBeanstalk	AWS managed	None
<input type="checkbox"/>	AlexaForBusinessDeviceSetup	AWS managed	None
<input type="checkbox"/>	AlexaForBusinessFullAccess	AWS managed	None
<input type="checkbox"/>	AlexaForBusinessGatewayExecution	AWS managed	None
<input type="checkbox"/>	AlexaForBusinessLifesizeDelegatedAccessPolicy	AWS managed	None
<input type="checkbox"/>	AlexaForBusinessPolvDelegatedAccessPolicy	AWS managed	None

Bütün yetkilere sahip olmak ve tüm servislere ulaşmak istediğimiz için bunu seçiyoruz.

14

Job function

Cancel

Previous

Next: Tags

15



Services

Search for services, features, blogs, docs, and more

[Alt+S]



Global ▾

Oguzhan ▾



Add user

1

2

3

4

5

Add tags (optional)

IAM tags are key-value pairs you can add to your user. Tags can include user information, such as an email address, or can be descriptive, such as a job title. You can use the tags to organize, track, or control access for this user. [Learn more](#)

Key	Value (optional)	Remove
Add new key		

You can add 50 more tags.

Şu an için herhangi bir tag eklemeye ihtiyacım yok. O yüzden 'Next: Review' butonuna tıklıyoruz.

Cancel

Previous

Next: Review

16

Add user

2

3

Review

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

User details

User name	oguzhan
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 following policies will be attached to the user shown above.

Type	Name
Managed policy	AdministratorAccess

Tags

No tags were added

Cance

Previous

Create user

17



Add user

1 2 3 4 5

Success

You successfully created the users shown below. You can view and download user security credentials. You can also email users instructions for signing in to the AWS Management Console. This is the last time these credentials will be available to download. However, you can create new credentials at any time.

Users with AWS Management Console access can sign-in at: <https://371553575031.signin.aws.amazon.com/console>



18 Buraya tıklayarak bir doküman indiriyoruz. Bu doküman bizim 'Access key ID' ve 'Secret access key' imizi içeriyor. Indirilen dosyayı kaybetmiyoruz!

	User	Access key ID	Secret access key	Email login instructions
▶	oguzhan		***** Show	Send email



Bu ikisini bir yere not almakta fayda var. Access key ID'yi her zaman görebiliriz. Secret access key'i görmek için son şansın. Bu ekranı geçmeden not al. Access key ID ve Secret access key'i terminalde (CLI) kullanıyoruz. CSV dosyası bize kullanıcı adı ve password'leri de veriyor. Key'lerimizi not aldıktan sonra 'close' butonuna basıp çıkış yapıyoruz.

**19** **Close**

aws EC2 IAM

Identity and Access Management (IAM)

Search IAM

Dashboard  20

Access management

User groups

Users

Roles

Policies

Identity providers

Account settings

Access reports

Access analyzer

Archive rules

Analyzers

Settings

Credential report

Organization activity

Service control policies (SCPs)

Introducing the new Users list experience

We've redesigned the Users list experience to make it easier to use. [Let us know what you think.](#) The user oguzhan have been created.

IAM > Users

Users (1)

An IAM user is an identity with long-term credentials that is used to interact with AWS in an account.



Delete

Add users

Find users by username or access key

< 1 >



<input type="checkbox"/>	User name	Groups	Last activity	MFA	Password age	Active key age
<input type="checkbox"/>	oguzhan	None	Never	-----	6 minutes ago	6 minutes ago



Services

Search for services, features, blogs, docs, and more

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Global

Oguzhan



Identity and Access Management (IAM)

Search IAM

Dashboard

Access management

User groups

Users

Roles

Policies

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Account settings

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Introducing the new IAM dashboard experience

We've redesigned the IAM dashboard experience to make it easier to use. [Let us know what you think.](#)

IAM dashboard

Security recommendations 1

Add MFA for root user

Enable multi-factor authentication (MFA) for the root user to improve security for this account.

Add MFA

Root user has no active access keys

Using access keys attached to an IAM user instead of the root user improves security.

Buradaki işlemi gerçekleştirirsek sisteme giriş yaparken cep telefonumuza gelecek mesajı da girmemiz gerekecektir. Çift katmanlı güvenlik aslında Best Practice

IAM resources

User groups

1

Users

2

Roles

0

Policies

0

Identity providers

0

What's new

Updates for features in IAM

View all

- IAM Access Analyzer helps you generate fine-grained policies that specify the required actions for more than 50 services. 5 months ago
- IAM Access Analyzer helps you generate IAM policies based on access activity found in your organization trail. 5 months ago
- IAM Access Analyzer adds new policy checks to help validate conditions during IAM policy authoring. 7 months ago

Create'e basarak takma isim ekleyeceğiz.

21

AWS Account

Account ID

371553575031

Account Alias

371553575031 Create

Sign-in URL for IAM users in this account

https://371553575031.signin.aws.amazon.com/console

Quick Links

My security credentials

Manage your access keys, multi-factor authentication (MFA) and other credentials.

Tools

Policy simulator

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

Credential report

Organization activity

Service control policies (SCPs)

✓ Alias deleted for this account

NOT: Bu işlem ile birlikte IAM user olarak giriş yaparken 'Account ID' (12 rakamlı) girmek yerine şu an kaydetmekte olduğunuz 'Account Alias'ı gireceğiz.

IAM dashboard

Security recommendations

Add MFA for root user

Enable multi-factor authentication

Root user has access keys

Using access keys and MFA

IAM resources

User groups

0

What's new

Updates for features in IAM

- IAM Access Analyzer helps you generate fine-grained policies that specify the required actions for more than 50 services. 5 months ago
- IAM Access Analyzer helps you generate IAM policies based on access activity found in your organization trail. 5 months ago
- IAM Access Analyzer adds new policy checks to help validate conditions during IAM policy authoring. 7 months ago

Create alias for AWS account 371553575031

Preferred alias

oguzhanselcuk

Must be not more than 63 characters. Valid characters are a-z, 0-9, and - (hyphen).

New sign-in URL

https://oguzhanselcuk.signin.aws.amazon.com/console

i IAM users will still be able to use the default URL containing the AWS account ID.

Cancel

Save changes

22

View all

AWS Account

Account ID

371553575031

Account Alias

371553575031 **Create**

Sign-in URL for IAM users in this account

https://371553575031.signin.aws.amazon.com/console

Quick Links

My security credentials

Manage your access keys, multi-factor authentication (MFA) and other credentials.

Tools

Policy simulator

The simulator evaluates the policies that

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

Credential report

Organization activity

Service control policies (SCPs)

✓ Alias oguzhanselcuk created for this account

IAM dashboard

Security recommendations 1

⚠ Add MFA for root user

Enable multi-factor authentication (MFA) for the root user to improve security for this account.

Add MFA

✓ Root user has no active access keys

Using access keys attached to an IAM user instead of the root user improves security.

Gördüğü gibi 'Account Alias' ve 'Sign-in URL' kısımları değişti.

IAM resources

User groups

0

Users

1

Roles

2

Policies

0

Identity providers

0

What's new

Updates for features in IAM

View all

- IAM Access Analyzer helps you generate fine-grained policies that specify the required actions for more than 50 services.
5 months ago
- IAM Access Analyzer helps you generate IAM policies based on access activity found in your organization trail.
5 months ago
- IAM Access Analyzer adds new policy checks to help validate conditions during IAM policy authoring.
7 months ago

AWS Account

Account ID

371553575031

Account Alias

oguzhanselcuk [Edit](#) | [Delete](#)

Sign-in URL for IAM users in this account

<https://oguzhanselcuksignin.aws.amazon.com/console>

Quick Links

[My security credentials](#)

Manage your access keys, multi-factor authentication (MFA) and other credentials.

Tools

[Policy simulator](#)

The simulator evaluates the policies that

IAM Management Console

console.aws.amazon.com/iamv2/home#/home

Services | EC2 | IAM

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Global | Oguzhan

Identity and Access Management (IAM)

Search IAM

Dashboard

Access management

- Users **23**
- Roles
- Policies
- Identity providers
- Account settings

Access reports

- Access analyzer
- Archive rules
- Analyzers
- Settings

Credential report

Organization activity

Service control policies (SCPs)

Alias oguzhanselcuk created for this account

IAM dashboard

Security recommendations

- Add MFA for root user**
Enable multi-factor authentication (MFA) for the root user to improve security for this account.
Add MFA
- Root user has no active access keys**
Using access keys attached to an IAM user instead of the root user improves security.

IAM resources

User groups	Users	Roles	Policies	Identity providers
0	1	3	0	0

What's new

Updates for features in IAM

- [IAM Access Analyzer helps you generate fine-grained policies that specify the required actions for more than 50 services.](#) 5 months ago
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- [IAM Access Analyzer adds new policy checks to help validate conditions during IAM policy authoring.](#) 7 months ago

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6°C Çok bulutlu 23:48 29.01.2022

Identity and Access Management (IAM) AWS Account

Account ID: 371553575031

Account Alias: oguzhanselcuk [Edit](#) | [Delete](#)

Sign-in URL for IAM users in this account: <https://oguzhanselcuk.signin.aws.amazon.com/console>

Quick Links

[My security credentials](#)
Manage your access keys, multi-factor authentication (MFA) and other credentials.

Tools

[Policy simulator](#)
The simulator evaluates the policies that

IAM Management Console

console.aws.amazon.com/iamv2/home#/users

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Global Oguzhan

EC2 IAM

Identity and Access Management (IAM)

Introducing the new Users list experience
We've redesigned the Users list experience to make it easier to use. [Let us know what you think.](#)

IAM > Users

Users (1) Info An IAM user is an identity with long-term credentials that is used to interact with AWS in an account.

Find users by username or access key

User name Groups Last activity MFA Password age Active key age

User name	Groups	Last activity	MFA	Password age	Active key age
oguzhan	None	Never	None	21 minutes ago	21 minutes ago

Dashboard

Access management

- User groups
- Users**
- Roles
- Policies
- Identity providers
- Account settings

Access reports

- Access analyzer
- Archive rules
- Analyzers
- Settings

Credential report

Organization activity

Service control policies (SCPs)

Feedback English (US) ▾

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23:49 6°C Çok bulutlu 29.01.2022

oguzhan 24

Identity and Access Management (IAM)

Dashboard

Access management

User groups

Users

Roles

Policies

Identity providers

Account settings

Access reports

Access analyzer

Archive rules

Analyzers

Settings

Credential report

Organization activity

Service control policies (SCPs)



New feature to generate a policy based on CloudTrail events.

AWS uses your CloudTrail events to identify the services and actions used and generate a least privileged policy that you can attach to this user.

Users > oguzhan

Summary

Delete user



User ARN arn:aws:iam::371553575031:user/oguzhan

Path

/

Creation time 2022-01-29 23:27 UTC+0300

25

Permissions

Groups

Tags

Security credentials

Access Advisor

▼ Permissions policies (1 policy applied)

Şu an için herhangi bir grupta değilim ve tag atamadım.

Add permissions

+ Add inline policy

Administrator Access verilmiş durumda.

Policy name ▾

Policy type ▾

Attached directly

▶ AdministratorAccess

AWS managed policy



▶ Permissions boundary (not set)

IAM Management Console

console.aws.amazon.com/iam/home#/users/oguzhan?section=security_credentials

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

Global Oguzhan 26

New feature to generate a policy based on CloudTrail events.
AWS uses your CloudTrail events to identify the services and actions used and generate a least privileged policy that you can attach to this user.

Users > oguzhan

Summary

User ARN: arn:aws:iam::371553575031:user/oguzhan

Path: /

Creation time: 2022-01-29 23:27 UTC+0300

Permissions Groups Tags Security credentials Access Advisor

Sign-in credentials

Summary: Console sign-in link: <https://oguzhanselcuk.signin.aws.amazon.com/console>

Console password: Enabled (never signed in) | Manage

Assigned MFA device: Not assigned | Manage

Signing certificates: None

Access keys

Use access keys to make programmatic calls to AWS from the AWS CLI, Tools for PowerShell, AWS SDKs, or direct AWS API calls. You can have a maximum of two access keys (active or inactive) at a time.

For your protection, you should never share your secret keys with anyone. As a best practice, we recommend frequent key rotation.

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

Unuttuğun veya kaybettiğin 'Secret Access key' in yerine buradan yenisini alabiliyorsun ama bir üçüncüsüne müsaade edilmıyor.

Access key ID	Created	Last used	Status
AKIAVNASRUB3ZWTDYCFQ	2022-01-29 23:27 UTC+0300	N/A	Active Make inactive

Daha önce almış olduğum 'Access key ID' burada ancak 'Secret Access key' görünmüyordu. Daha önce not almadı isen [şuradan](#) yenisini oluşturabilirsin.

Feedback English (US) ▾

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23:55 29.01.2022

IAM Management Console

console.aws.amazon.com/iam/home#/users/oguzhan?section=security_credentials

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Global | Oguzhan

Account ID: 3715-5357-5031

Account (red arrow) Organization (yellow box 27) Service Quotas Billing Dashboard Security credentials Sign out

New feature to generate a policy based on CloudTrail events.

AWS uses your CloudTrail events to identify the services and actions used and generate a least privileged policy that you can attach to your user or role.

Users > oguzhan

*Billing işlemleri için 'Account'a tıklıyoruz. Açılan sayfada 'IAM User and Role Access to Billing Information' kısmına gidiyoruz.

Summary

User ARN: arn:aws:iam::371553575031:user/oguzhan

Path: /

Creation time: 2022-01-29 23:27 UTC+0300

Permissions Groups Tags Security credentials (orange tab) Access Advisor

Sign-in credentials

Summary	Console sign-in link: https://oguzhanselcuk.signin.aws.amazon.com/console
Console password	Enabled (never signed in) Manage
Assigned MFA device	Not assigned Manage
Signing certificates	None

Access keys

Use access keys to make programmatic calls to AWS from the AWS CLI, Tools for PowerShell, AWS SDKs, or direct AWS API calls. You can have a maximum of two access keys (active or inactive) at a time.

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Aramak için buraya yazın

00:04 6°C Çok bulutlu 30.01.2022

US West (N. California)	Enabled by default
Asia Pacific (Singapore)	Enabled by default
Asia Pacific (Sydney)	Enabled by default
Canada (Central)	Enabled by default

▼ IAM User and Role Access to Billing Information

[Edit](#)

28

Use the **Activate IAM Access** setting to allow IAM users and roles access to pages of the Billing and Cost Management console. This setting alone doesn't grant IAM users and roles the necessary permissions for these console pages. In addition to activating IAM access, you must also attach the required IAM policies to those users or roles. For more information, see [Granting access to your billing information and tools](#).

If this setting is deactivated, then IAM users and roles in this account can't access the Billing and Cost Management console pages, even if they have administrator access or the required IAM policies.

The **Activate IAM Access** setting does not control access to:

- The console pages for AWS Cost Anomaly Detection, Savings Plans overview, Savings Plans inventory, Purchase Savings Plans, and Savings Plan cart
- The Cost Management view in the AWS Console Mobile Application
- The Billing and Cost Management SDK APIs (AWS Cost Explorer, AWS Budgets, and AWS Cost and Usage Report APIs)

IAM user/role access to billing information is deactivated. → Fatura bilgilerine IAM kullanıcı/rol erişimi devre dışı bırakıldı. (Şu anki durum. Şimdi değiştireceğiz.)

▼ Reserved Instance Marketplace Settings

The Reserved Instance Marketplace gives you the flexibility to sell the remaining full months on your Reserved Instances. Manage your Reserved Instance Marketplace disbursement and tax information using options below.

[Manage Seller and Bank Account Information](#)

You can update your business name and bank account information so we can disburse funds to the appropriate location.

Billing Management Console

console.aws.amazon.com/billing/home#/account

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

EC2 IAM

US West (N. California)	Enabled by default
Asia Pacific (Singapore)	Enabled by default
Asia Pacific (Sydney)	Enabled by default
Canada (Central)	Enabled by default

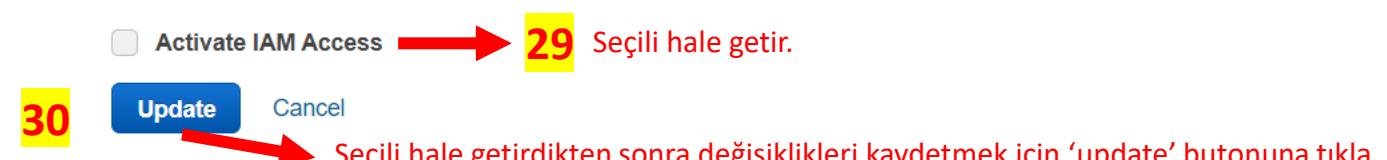
▼ IAM User and Role Access to Billing Information

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[Manage Seller and Bank Account Information](#)

Billing Management Console

console.aws.amazon.com/billing/home#/account

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

Global Oguzhan

US West (N. California)	Enabled by default
Asia Pacific (Singapore)	Enabled by default
Asia Pacific (Sydney)	Enabled by default
Canada (Central)	Enabled by default

31 'Root User' modundan çıkış yaparak 'IAM User' olarak giriş yapacağız.

IAM User and Role Access to Billing Information

Edit

Use the **Activate IAM Access** setting to allow IAM users and roles access to pages of the Billing and Cost Management console. This setting alone doesn't grant IAM users and roles the necessary permissions for these console pages. In addition to activating IAM access, you must also attach the required IAM policies to those users or roles. For more information, see [Granting access to your billing information and tools](#).

If this setting is deactivated, then IAM users and roles in this account can't access the Billing and Cost Management console pages, even if they have administrator access or the required IAM policies.

The **Activate IAM Access** setting does not control access to:

- The console pages for AWS Cost Anomaly Detection, Savings Plans overview, Savings Plans inventory, Purchase Savings Plans, and Savings Plan cart
- The Cost Management view in the AWS Console Mobile Application
- The Billing and Cost Management SDK APIs (AWS Cost Explorer, AWS Budgets, and AWS Cost and Usage Report APIs)

IAM user/role access to billing information is activated. → Fatura bilgilerine IAM kullanıcı/rol erişimi **aktive edildi**.

Reserved Instance Marketplace Settings

The Reserved Instance Marketplace gives you the flexibility to sell the remaining full months on your Reserved Instances. Manage your Reserved Instance Marketplace disbursement and tax information using options below.

Manage Seller and Bank Account Information

You can update your business name and bank account information so we can disburse funds to the appropriate location.



Billing Management Console

console.aws.amazon.com/billing/home#/account

Services | Global | Oguzhan

EC2 | IAM

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

Account ID: 3715-5357-5031

Account Organization Service Quotas Billing Dashboard Security credentials

Sign out

32

US West (N. California) Enabled by default

Asia Pacific (Singapore) Enabled by default

Asia Pacific (Sydney) Enabled by default

Canada (Central) Enabled by default

IAM User and Role Access to Billing Information

Use the **Activate IAM Access** setting to allow IAM users and roles access to pages of the Billing and Cost Management console. This setting alone doesn't IAM users and roles the necessary permissions for these console pages. In addition to activating IAM access, you must also attach the required IAM policies those users or roles. For more information, see [Granting access to your billing information and tools](#).

If this setting is deactivated, then IAM users and roles in this account can't access the Billing and Cost Management console pages, even if they have admin access or the required IAM policies.

The **Activate IAM Access** setting does not control access to:

- The console pages for AWS Cost Anomaly Detection, Savings Plans overview, Savings Plans inventory, Purchase Savings Plans, and Savings Plan cart
- The Cost Management view in the AWS Console Mobile Application
- The Billing and Cost Management SDK APIs (AWS Cost Explorer, AWS Budgets, and AWS Cost and Usage Report APIs)

IAM user/role access to billing information is activated.

Reserved Instance Marketplace Settings

The Reserved Instance Marketplace gives you the flexibility to sell the remaining full months on your Reserved Instances. Manage your Reserved Instance Marketplace disbursement and tax information using options below.

[Manage Seller and Bank Account Information](#)

You can update your business name and bank account information so we can disburse funds to the appropriate location.

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00:38 4°C Çok bulutlu 30.01.2022

AWS Management Console x +

aws.amazon.com/console/ ⋮

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Products Solutions Pricing Documentation Learn Partner Network AWS Marketplace Customer Enablement Events Explore More Q

AWS Management Console Overview Features FAQs 33 Az önce belirttiğim üzere 'IAM User' olarak giriş yapacağız.

AWS Management Console

Everything you need to access and manage the AWS cloud — in one web interface

[Log back in](#)



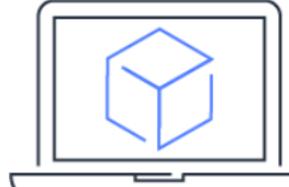
AWS Certification

Propel your career forward with AWS Certification.



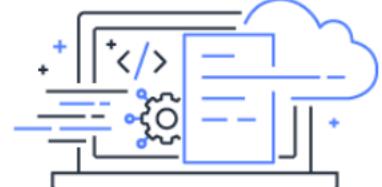
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Advance your career with AWS Cloud Practitioner Essentials—a free, six-hour, foundational course



AWS Certification Resources

Explore the resources available to help you prepare for your AWS Certification



7 Reasons to get AWS Certified

Discover the top 7 reasons to get AWS Certified

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4°C Çok bulutlu 00:40 30.01.2022 2



'IAM user'ı seç. > 'Account ID' veya 'account alias'ını gir. (Tercihen account alias) > Next'e bas.

Sign in

Root user

Account owner that performs tasks requiring unrestricted access. [Learn more](#)

34 IAM user

User within an account that performs daily tasks. [Learn more](#)

Account ID (12 digits) or account alias

35 oguzhanselcuk

36

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New to AWS?





'Account ID' veya 'account alias'ını gir. (Tercihen account alias) > 'IAM user name'i gir. > Password'ü gir. > 'Sign in' butonuna bas.

Sign in as IAM user

Account ID (12 digits) or account alias

37 → oguzhanselcuk

IAM user name

38 → oguzhan

Password

39 →

Remember this account

40 → **Sign in**

[Sign in using root user email](#)

[Forgot password?](#)

Amazon Relational Database Service

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English ▾

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01:39

30.01.2022



AWS Management Console + -

console.aws.amazon.com/console/home?nc2=h_ct&src=header-signin®ion=us-east-1

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

EC2 IAM

41

AWS Management Console

AWS services

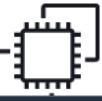
▼ Recently visited services

- IAM
- CloudFormation
- EC2
- CloudWatch

▶ All services

Build a solution

Get started with simple wizards and automated workflows.

Launch a virtual machine
With EC2
2-3 minutes 

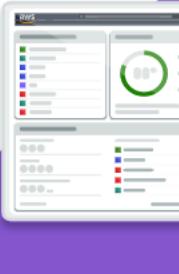
Build a web app
With Elastic Beanstalk
6 minutes 

Build using virtual servers
With Lightsail
1-2 minutes 

New AWS Console Home

See valuable insights for your account and services with the new customizable Console Home experience. [Learn more](#)

Switch now



Stay connected to your AWS resources on-the-go

 AWS Console Mobile App now supports four additional regions. Download the AWS Console Mobile App to your iOS or Android mobile device. [Learn more](#)

Explore AWS

Validate Your Skills with AWS Certification

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01:52 30.01.2022

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File Explorer Mail Edge Google Chrome Microsoft Edge Microsoft Word Microsoft Excel

Cloud 5°C Çok bulutlu 01:52 30.01.2022

IAM Groups

AWS Account owner - Root User (you)

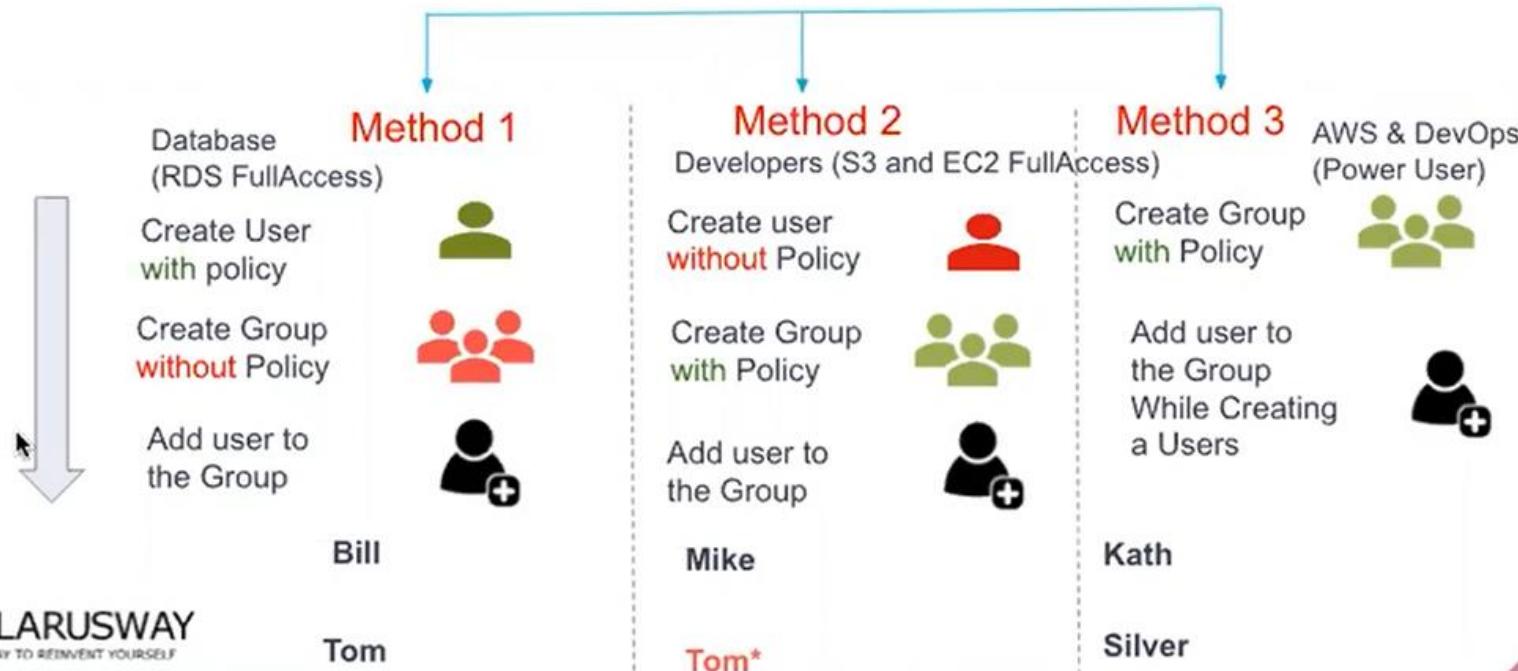


Tablodaki gibi bir personel yapılanmamız olduğunu düşünün.
Az önce 'Root User' modunda iken, administrator access'e sahip olan bir tane IAM User oluşturduk.

Şu anda bu aşamadayız. 3 tane department oluşturacağız.
(Method 1 – Method 2 – Method3)

IAM Groups

Add User to the Group and Policy Options



1. Department = Database (Bill & Tom*)
2. Department = Developers (Mike & Tom*)
3. Department = AWS & DevOps (Kath & Silver)

Tom, iki departmanda da görevli.

1. Departmana RDS FullAccess,
2. Departmana S3 & EC2 FullAccess,
3. Departmana Power User yetkileri verilecek.

1. departmanda önce user'ları (policy'ye sahip bir şekilde) oluşturacağız. Sonra bir grup oluşturacağız ancak grubun bir policy'si olmayacak. Sonrasında user'ları grubun içine atayacağız. (**Not: Bir user bu gruptan çıkarılırsa elinden yetkileri alınmış olmaz.**)

2. departmanda önce user'ları (herhangi bir policy'ye sahip olmadan) oluşturacağız. (**Not: 'tom_database' isimli kullanıcı 'database' grubunda oluşturulduğu için onu yeniden oluşturmayacağız.**) Sonra (policy'ye sahip bir şekilde) bir grup oluşturacağız. Sonrasında user'ları grubun içine atayacağız. Dolayısıyla grubun içine atanmış user'lar otomatik bir şekilde grubun sahip olduğu yetkilere sahip olmuş olacak. (**Not: Bir user bu gruptan çıkarılırsa elinden yetkileri alınmış olur.**)

3. departmanda önce (policy'ye sahip bir şekilde) grup oluşturacağız. User'ları oluşturma aşamasında gruba ekleyeceğiz. Yetki anlamında 2. gruba benziyor. (**Not: Bir user bu gruptan çıkarılırsa elinden yetkileri alınmış olur.**)

IAM Management Console

console.aws.amazon.com/iamv2/home#/home

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

Global oguzhan @ oguzhanselcuk

EC2 IAM

Identity and Access Management (IAM)

Search IAM

Dashboard

Access management

- Users **42**
- Roles
- Policies
- Identity providers
- Account settings

Access reports

- Access analyzer
- Archive rules
- Analyzers
- Settings
- Credential report
- Organization activity
- Service control policies (SCPs)

Introducing the new IAM dashboard experience

We've redesigned the IAM dashboard experience to make it easier to use. [Let us know what you think.](#)

IAM dashboard

Security recommendations

- Add MFA for root user**
Enable multi-factor authentication (MFA) for the root user to improve security for this account.
- Add MFA for yourself**
Add multi-factor authentication (MFA) for yourself to improve security for this account. [Add MFA](#)
- Your user, oguzhan, does not have any active access keys that have been unused for more than a year.**
Deactivating or deleting unused access keys improves security.

IAM resources

User groups	Users	Roles	Policies	Identity providers
0	1	3	0	0

What's new

Updates for features in IAM [View all](#)

IAM Access Analyzer helps you generate fine-grained policies that specify the required actions for more than 50 services.

Aramak için buraya yazın

2°C Kışmen güneşli 02:22 30.01.2022

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Identity and Access Management (IAM) AWS Account Quick Links Tools Policy simulator

IAM Management Console

console.aws.amazon.com/iamv2/home?#/users

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

Global oguzhan @ oguzhanselcuk

EC2 IAM

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
- Credential report
- Organization activity
- Service control policies (SCPs)

Introducing the new Users list experience
We've redesigned the Users list experience to make it easier to use. [Let us know what you think.](#)

IAM > Users

Users (1) Info

An IAM user is an identity with long-term credentials that is used to interact with AWS in an account.

Find users by username or access key

<input type="checkbox"/>	User name	Groups	Last activity	MFA	Password age	Active key age
<input type="checkbox"/>	oguzhan	None	32 minutes ago		2 hours ago	

43

Add users

Feedback English (US) ▾

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02:23 30.01.2022

IAM Management Console

console.aws.amazon.com/iam/home#/users\$new?step=details

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

EC2 IAM

Add user

1 2 3 4 5

Set user details

You can add multiple users at once with the same access type and permissions. [Learn more](#)

User name* bill_database 44

45 → [+ Add another user](#)

Select AWS access type

Select how these users will primarily access AWS. If you choose only programmatic access, it does NOT prevent users from accessing the console using an assumed role. Access keys and autogenerated passwords are provided in the last step. [Learn more](#)

- Select AWS credential type* **Access key - Programmatic access**
Enables an **access key ID** and **secret access key** for the AWS API, CLI, SDK, and other development tools.
- Password - AWS Management Console access**
Enables a **password** that allows users to sign-in to the AWS Management Console.

* Required

Cancel

Next: Permissions

Add user

1 2 3 4 5

Set user details

You can add multiple users at once with the same access type and permissions. [Learn more](#)

User name*

bill_database

tom_database

46

+ Add another user

Select AWS access type

Select how these users will primarily access AWS. If you choose only programmatic access, it does NOT prevent users from accessing the console using an assumed role. Access keys and autogenerated passwords are provided in the last step. [Learn more](#)

Select AWS credential type*

Access key - Programmatic access

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

47
48

Password - AWS Management Console access

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

Console password*

Autogenerated password
 Custom password

49

Require password reset

Users must create a new password at next sign-in

Users automatically get the [IAMUserChangePassword](#) policy to allow them to change their own password.

50

Oluşturduğumuz userların şifreleri otomatik olarak oluşturuluyor. Mail vb. bir yolla şifresi user'a gönderiliyor.

User ilk defa 'sign-in' işlemi yaparken yeni şifre oluşturululsun

* Required

Cancel

Next: Permissions

51

IAM Management Console

console.aws.amazon.com/iam/home#/users\$new?step=permissions&accessKey&login&userNames=bill_database&userNames=tom_database&passwordReset&passwordType=autogen

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

EC2 IAM

Add user

1 2 3 4 5

Set permissions



Add users to group



Copy permissions from existing user



Attach existing policies directly

52

1. Departmandaki user'ları policy'ye sahip bir şekilde oluşturacağımız için bu butona tıklıyoruz.

Get started with groups

You haven't created any groups yet. Using groups is a best-practice way to manage users' permissions by job functions, AWS service access, or your custom permissions. Get started by creating a group. [Learn more](#)

Create group

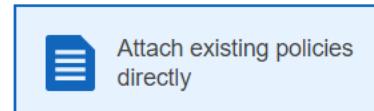
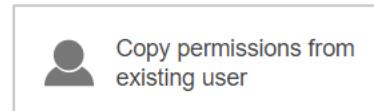
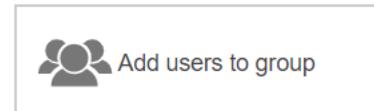
Set permissions boundary

Cancel Previous Next: Tags

Add user

1 2 3 4 5

Set permissions



Create policy

53

Arama kısmasına RDS yaz.

Filter policies



RDS

Showing 10 results

	Policy name	Type	Used as
<input type="checkbox"/>	AmazonLambdaRolePolicyForLaunchWizardSAP	AWS managed	None
<input type="checkbox"/>	AmazonRDSDataFullAccess	AWS managed	None
<input type="checkbox"/>	AmazonRDSDirectoryServiceAccess	AWS managed	None
<input type="checkbox"/>	AmazonRDSEnhancedMonitoringRole	AWS managed	None
<input checked="" type="checkbox"/>	AmazonRDSFullAccess	AWS managed	None
<input type="checkbox"/>	AmazonRDSReadOnlyAccess	AWS managed	None
<input type="checkbox"/>	AWSElasticBeanstalkRoleRDS	AWS managed	None
<input type="checkbox"/>	AWSQuickSightDescribeRDS	AWS managed	None

54



55

Cancel

Previous

Next: Tags

Örneğimizde 1.gruptaki user'ların sahip olması istenen yetki = AmazonRDSFullAccess

IAM Management Console

console.aws.amazon.com/iam/home#/users\$new?step=tags&accessKey&login&userNames=bill_database&userNames=tom_database&passwordReset&passwordType=autogen&permissionType...

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

EC2 IAM

Add user

1 2 3 4 5

Add tags (optional)

IAM tags are key-value pairs you can add to your user. Tags can include user information, such as an email address, or can be descriptive, such as a job title. You can use the tags to organize, track, or control access for this user. [Learn more](#)

Key	Value (optional)	Remove
Add new key		

You can add 50 more tags.

Bu örnekte tag kullanmıyoruz.

56

Cancel Previous Next: Review

IAM Management Console

console.aws.amazon.com/iam/home#/users\$new?step=review&accessKey&login&userNames=bill_database&userNames=tom_database&passwordReset&passwordType=autogen&permissionTy...    Global  oguzhan @ oguzhanselcuk

Services  [Alt+S]

EC2 IAM

Add user

1 2 3 4 **5**

Review

Review your choices. After you create the users, you can view and download autogenerated passwords and access keys.

User details

User names	bill_database and tom_database
AWS access type	Programmatic access and AWS Management Console access
Console password type	Autogenerated
Require password reset	Yes
Permissions boundary	Permissions boundary is not set

Permissions summary

The following policies will be attached to the users shown above.

Type	Name
Managed policy	AmazonRDSFullAccess
Managed policy	IAMUserChangePassword

Default olarak geldi. (Son zamanlarda AWS Free Tier hesabi açanlarda görülmüyor)

Tags

Cancel Previous **Create users** 

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IAM Management Console

console.aws.amazon.com/iam/home#/users\$new?step=final&accessKey&login&userNames=bill_database&userNames=tom_database&passwordReset&passwordType=autogen&permissionType...

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

EC2 IAM

Add user

1 2 3 4 5

Success

You successfully created the users shown below. You can view and download user security credentials. You can also email users instructions for signing in to the AWS Management Console. This is the last time these credentials will be available to download. However, you can create new credentials at any time.

Users with AWS Management Console access can sign-in at: <https://oguzhanselcuk.signin.aws.amazon.com/console>

 Download .csv

	User	Access key ID	Secret access key	Password	Email login instructions
▶	 bill_database	AKIAVNASRUB37IB4CFXD 	***** Show	***** Show	Send email 
▶	 tom_database	AKIAVNASRUB367ZVYFBF 	***** Show	***** Show	Send email 

Hali hazırda bir örnek yaptığımız için '.csv' dosyasını download etmiyoruz veya user'lara 'access key id', 'secret access key' ve 'password'lerini email vasıtasıyla göndermiyoruz. Gerçek dünyada bu işlemleri yapmamız gerekiyor.

58

[Close](#)

Identity and Access Management (IAM) 59

User groups Users

Roles Policies Identity providers Account settings

Access reports Access analyzer Archive rules Analyzers Settings

Credential report Organization activity Service control policies (SCPs)

i Introducing the new Users list experience
We've redesigned the Users list experience to make it easier to use. [Let us know what you think.](#)

✓ The users bill_database, tom_database have been created.

User'larımızı oluşturduk. Şimdi de 'database' grubunu oluşturmak için 'User groups' kismına tıklyoruz.

Users (3) Info
An IAM user is an identity with long-term credentials that is used to interact with AWS in an account.

Add users

User name	Groups	Last activity	MFA	Password age	Active key age
bill_database	None	Never	None	5 minutes ago	5 minutes ago
oguzhan	None	1 hour ago	None	3 hours ago	3 hours ago
tom_database	None	Never	None	5 minutes ago	5 minutes ago

Kullanıcılarımız oluşturuldu.



IAM > User groups

User groups (0) 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
No resources to display			

Create group 60

Dashboard

Access management

- User 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 Management Console

console.aws.amazon.com/iamv2/home#/groups/create

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

EC2 IAM Global oguzhan @ oguzhanselcuk

Identity and Access Management (IAM)

Search IAM

Dashboard

Access management User groups (Selected) Users Roles Policies Identity providers Account settings

Access reports Access analyzer Archive rules Analyzers Settings Credential report Organization activity Service control policies (SCPs)

Create user group

Name the group

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

database **61** Oluşturmak istediğimiz grubun ismini giriyoruz. Maximum 128 characters. Use alphanumeric and '+,=,.@-_-' characters.

Add users to the group - Optional (Selected 2/3) 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

User name	Groups	Last activity	Creation time
<input checked="" type="checkbox"/> bill_database	0	None	29 minutes ago
<input type="checkbox"/> oguzhan	0	1 hour ago	4 hours ago
<input checked="" type="checkbox"/> tom_database	0	None	29 minutes ago

62 Database grubuna dahil etmek istediğimiz user'ları seçiyoruz.

Attach permissions policies - Optional (727) Info You can attach up to 10 policies to this user group. All the users in this group will have permissions that are defined in the selected policies.

Filter policies by property or policy name and press enter

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03:49 30.01.2022

61 Oluşturmak istediğimiz grubun ismini giriyoruz.

62 Database grubuna dahil etmek istediğimiz user'ları seçiyoruz.

IAM Management Console

console.aws.amazon.com/iamv2/home#/groups/create

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

Global oguzhan @ oguzhanselcuk

EC2 IAM

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

Credential report

Organization activity

Service control policies (SCPs)

AmazonDMSRedshiftS3Role AWS managed Provides access to manage S3 settings for Redshift endpoints for D...

AWSQuickSightListIAM AWS managed Allow QuickSight to list IAM entities

AWSHealthFullAccess AWS managed Allows full access to the AWS Health APIs and Notifications and the ...

AlexaForBusinessGatewayExecution AWS managed Provide gateway execution access to AlexaForBusiness services

AmazonElasticTranscoder_ReadOnlyAcc... AWS managed Grants users read-only access to Elastic Transcoder and list access...

AmazonRDSFullAccess AWS managed Provides full access to Amazon RDS via the AWS Management Co...

SupportUser AWS managed - job function This policy grants permissions to troubleshoot and resolve issues in...

AmazonEC2FullAccess AWS managed Provides full access to Amazon EC2 via the AWS Management Con...

SecretsManagerReadWrite AWS managed Provides read/write access to AWS Secrets Manager via the AWS ...

AWSIoTThingsRegistration AWS managed This policy allows users to register things at bulk using AWS IoT Sta...

AmazonDocDBReadOnlyAccess AWS managed Provides read-only access to Amazon DocumentDB with MongoDB ...

AmazonMQApiFullAccess AWS managed Provides full access to AmazonMQ via our API/SDK.

AWSElementalMediaStoreReadOnly AWS managed Provides read-only permissions for MediaStore APIs

AWSCertificateManagerReadOnly AWS managed Provides read only access to AWS Certificate Manager (ACM).

63

Create group

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03:54 30.01.2022

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0°C Bulutlu

IAM Management Console

console.aws.amazon.com/iamv2/home#/groups

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

EC2 IAM

Identity and Access Management (IAM)

Search IAM

Dashboard

Access management

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

Create group

Group name Users Permissions Creation time

database 2 Loading Now

64 'Database' isimli grubumuz oluşturuldu. İncelemek için içine giriyoruz.

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1°C Bulutlu

IAM Management Console

console.aws.amazon.com/iamv2/home#/groups/details/database?section=users

Services: EC2, IAM

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

Global: oguzhan @ oguzhanselcuk

Identity and Access Management (IAM)

Search IAM

Dashboard

Access management: User groups (selected), Users, Roles, Policies, Identity providers, Account settings

Access reports: Access analyzer, Archive rules, Analyzers, Settings, Credential report, Organization activity, Service control policies (SCPs)

IAM > User groups > database

database

Delete | Edit

Summary

User group name: database	Creation time: January 30, 2022, 03:55 (UTC+03:00)	ARN: arn:aws:iam::371553575031:group/database
---------------------------	--	---

Users | Permissions (selected) | Access Advisor

65 'Permissions' kısmını inceleyelim.

Users in this group (2) 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.

Search

tom_database

bill_database

Remove users | Add users

Groups | Last activity | Creation time

1 None 37 minutes ago

1 None 37 minutes ago

‘Database’ grubuna istenildiği üzere Tom ve Bill’i başarıyla ekledik.

Feedback English (US) ▾

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Aramak için buraya yazın

03:57 30.01.2022

IAM Management Console

console.aws.amazon.com/iamv2/home#/groups/details/database?section=permissions

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

EC2 IAM

oguzhan @ oguzhanselcuk

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

Credential report

Organization activity

Service control policies (SCPs)

IAM > User groups > database

database

Örneğimizde istediği üzere 'Database' grubuna ait herhangi bir permission yok.

Summary

User group name: database

Creation time: January 30, 2022, 03:55 (UTC+03:00)

ARN: arn:aws:iam::371553575031:group/database

Users Permissions Access Advisor

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

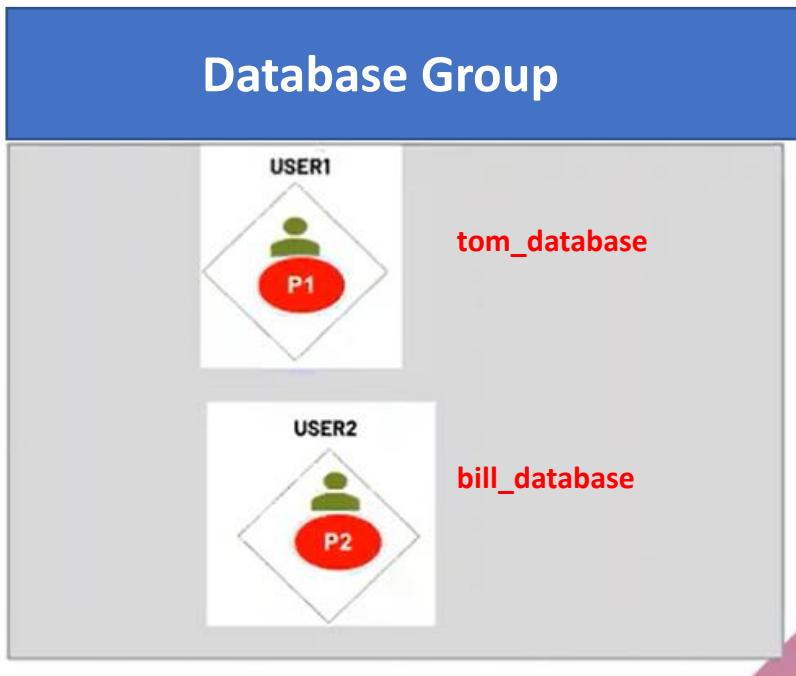
https://console.aws.amazon.com/iamv2/home#



Aramak için buraya yazın



Ne yaptık?



1. departmanda (database) önce user'ları (policy'ye sahip bir şekilde) oluşturduk. Sonra herhangi bir policy'ye sahip olmayan bir grup oluşturduk. Sonrasında user'ları grubun içine dahil ettik. (**Not:** Bir user bu gruptan çıkarılırsa elinden yetkileri alınmış olmaz. Bu gruba herhangi bir policy'ye sahip olmayan bir user eklenirse grup bir policy sahibi olmadığından eklenen user da bir policy'ye sahip olmaz.)

Şu anda AWS hesabımızdan sign-out yaparak çıkış, 'tom_database' veya 'bill_database' kullanıcıları ile giriş yapabiliriz. Ancak bu user'ları oluştururken yalnızca 'AmazonRDSFullAccess' yetkisi verdigimiz için bahse konu kullanıcılar yalnızca bu yetkinin sınırları içinde işlem yapabilirler. Örneğin yetkileri olmadığı için EC2 servisini açamazlar.

IAM Management Console

console.aws.amazon.com/iamv2/home#/groups/details/database?section=permissions

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EC2 IAM

Identity and Access Management (IAM)

Search IAM

Dashboard

Access management

User groups

Users **66**

Roles

Policies

Identity providers

Account settings

Access reports

Access analyzer

Archive rules

Analyzers

Settings

Credential report

Organization activity

Service control policies (SCPs)

IAM > User groups > database

database

Delete Edit

User group name: database Creation time: January 30, 2022, 03:55 (UTC+03:00) ARN: arn:aws:iam::371553575031:group/database

Summary

Users Permissions Access Advisor

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

2. grubun user'larını oluşturalım. 'tom_database' isimli kullanıcıyı zaten oluşturmuştuk. 'mike_developer' isimli kullanıcıyı oluşturacağız.

IAM Management Console

console.aws.amazon.com/iamv2/home#/users

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

Global oguzhan @ oguzhanselcuk

EC2 IAM

Identity and Access Management (IAM)

Introducing the new Users list experience
We've redesigned the Users list experience to make it easier to use. [Let us know what you think.](#)

IAM > Users

Users (3) Info An IAM user is an identity with long-term credentials that is used to interact with AWS in an account.

Add users

Find users by username or access key

User name	Groups	Last activity	MFA	Password age	Active key age
bill_database	None	Never	None	1 hour ago	1 hour ago
oguzhan	None	2 hours ago	None	4 hours ago	4 hours ago
tom_database	None	Never	None	1 hour ago	1 hour ago

67

Dashboard

Access management

- User groups
- Users**
- Roles
- Policies
- Identity providers
- Account settings

Access reports

- Access analyzer
- Archive rules
- Analyzers
- Settings

Credential report

Organization activity

Service control policies (SCPs)

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0°C Açık 04:26 30.01.2022

Add user

1 2 3 4 5

Set user details

You can add multiple users at once with the same access type and permissions. [Learn more](#)

User name* mike_developer

[+ Add another user](#)

Select AWS access type

Select how these users will primarily access AWS. If you choose only programmatic access, it does NOT prevent users from accessing the console using an assumed role. Access keys and autogenerated passwords are provided in the last step. [Learn more](#)

Select AWS credential type* Access key - Programmatic access

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

Password - AWS Management Console access

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

Console password* Autogenerated password

Custom password

Oluşturduğumuz userların şifreleri otomatik olarak oluşturuluyor. Mail vb. bir yolla şifresi user'a gönderiliyor.

User ilk defa 'sign-in' işlemi yaparken yeni şifre oluşturululsun

Require password reset

User must create a new password at next sign-in
Users automatically get the [IAMUserChangePassword](#) policy to allow them to change their own password.

* Required

Cancel

Next: Permissions

72

68

69

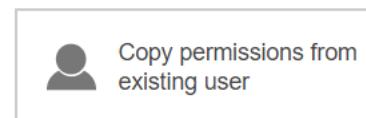
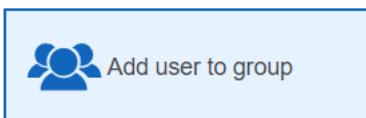
70

71

Add user

1 2 3 4 5

Set permissions



Add user to an existing group or create a new one. Using groups is a best-practice way to manage user's permissions by job functions. [Learn more](#)

Add user to group

Create group

Refresh

Search

Showing 1 result

Group

Attached policies

database

None

Set permissions boundary

Cancel Previous Next: Tags

IAM Management Console

console.aws.amazon.com/iam/home#/users\$new?step=permissions&accessKey&login&userNames=mike_developer&passwordReset&passwordType=autogen&permissionType=policies

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

EC2 IAM

<input type="checkbox"/>	▶ AmazonLookoutMetricsReadOnlyAccess	AWS managed	None
<input type="checkbox"/>	▶ AmazonLookoutVisionConsoleFullAccess	AWS managed	None
<input type="checkbox"/>	▶ AmazonLookoutVisionConsoleReadOnlyAccess	AWS managed	None
<input type="checkbox"/>	▶ AmazonLookoutVisionFullAccess	AWS managed	None
<input type="checkbox"/>	▶ AmazonLookoutVisionReadOnlyAccess	AWS managed	None
<input type="checkbox"/>	▶ AmazonMachineLearningBatchPredictionsAccess	AWS managed	None
<input type="checkbox"/>	▶ AmazonMachineLearningCreateOnlyAccess	AWS managed	None
<input type="checkbox"/>	▶ AmazonMachineLearningFullAccess	AWS managed	None
<input type="checkbox"/>	▶ AmazonMachineLearningManageRealTimeEndpointOnlyAccess	AWS managed	None
<input type="checkbox"/>	▶ AmazonMachineLearningReadOnlyAccess	AWS managed	None
<input type="checkbox"/>	▶ AmazonMachineLearningRealTimePredictionOnlyAccess	AWS managed	None
<input type="checkbox"/>	▶ AmazonMachineLearningRoleforRedshiftDataSourceV3	AWS managed	None
<input type="checkbox"/>	▶ AmazonMacieFullAccess	AWS managed	None
<input type="checkbox"/>	▶ AmazonMacieHandshakeRole	AWS managed	None
<input type="checkbox"/>	▶ AmazonMacieServiceRole	AWS managed	None

Örneğimizde istediği üzere 'mike_developer' isimli kullanıcıya hiçbir yetki vermiyoruz ve 'Next' butonuna tıklıyoruz.

▶ Set permissions boundary

74

Cancel Previous Next: Tags

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IAM Management Console

console.aws.amazon.com/iam/home#/users\$new?step=tags&accessKey&login&userNames=mike_developer&passwordReset&passwordType=autogen&permissionType=policies

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EC2 IAM

Add user

1 2 3 4 5

Add tags (optional)

IAM tags are key-value pairs you can add to your user. Tags can include user information, such as an email address, or can be descriptive, such as a job title. You can use the tags to organize, track, or control access for this user. [Learn more](#)

Key	Value (optional)	Remove
Add new key		

You can add 50 more tags.

Bu örnekte tag kullanmıyoruz.

75

Cancel Previous Next: Review

IAM Management Console

console.aws.amazon.com/iam/home#/users\$new?step=review&accessKey&login&userNames=mike_developer&passwordReset&passwordType=autogen&permissionType=policies

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EC2 IAM

Add user

1 2 3 4 5

Review

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

User details

User name	mike_developer
AWS access type	Programmatic access and AWS Management Console access
Console password type	Autogenerated
Require password reset	Yes
Permissions boundary	Permissions boundary is not set

'mike_developer' isimli kullanıcının hiçbir yetkisi yok. Ancak AWS'e giriş yapabilir. Onun dışında hiçbir şey yapamaz.

Permissions summary

The following policies will be attached to the user shown above.

Type	Name
Managed policy	IAMUserChangePassword

Default (Son zamanlarda AWS Free Tier hesabi açanlarda görülmüyor)

Tags

No tags were added

76

Cancel Previous Create user

Default olarak herhangi bir yetki gelmediğinde konsol ekranı bu şekilde görünüyor.

Osvaldo'nun Ekranı



Services

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[Option+S]



Global ▾

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EC2

IAM

Next Step

1 2 3 4 5

Review

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



This user has no permissions

You haven't given this user any permissions. This means that the user has no access to any AWS service or resource. Consider returning to the previous step and adding some type of permissions.

User details

User name	mike
AWS access type	Programmatic access and AWS Management Console access
Console password type	Autogenerated
Require password reset	Yes
Permissions boundary	Permissions boundary is not set

Tags

No tags were added.

Cancel

Previous

Create user

IAM Management Console

console.aws.amazon.com/iam/home#/users\$new?step=final&accessKey&login&userNames=mike_developer&passwordReset&passwordType=autogen&permissionType=policies

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EC2 IAM

Add user

1 2 3 4 5

Success

You successfully created the users shown below. You can view and download user security credentials. You can also email users instructions for signing in to the AWS Management Console. This is the last time these credentials will be available to download. However, you can create new credentials at any time.

Users with AWS Management Console access can sign-in at: <https://oguzhanselcuk.signin.aws.amazon.com/console>

Download .csv

	User	Access key ID	Secret access key	Password	Email login instructions
▶	<input checked="" type="checkbox"/> mike_develo...	AKIAVNASRUB37WCENEZJ	██████████ Show	██████████ Show	Send email

Hali hazırda bir örnek yaptığımız için '.csv' dosyasını download etmiyoruz veya user'lara 'access key id', 'secret access key' ve 'password'lerini email vasıtasıyla göndermiyoruz. Gerçek dünyada bu işlemleri yapmamız gerekiyor.

77

Close

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

Credential report

Organization activity

78

2. departmanda (developers) önce user'ları (herhangi bir policy'ye sahip olmadan) oluşturduk. Şimdi (policy'ye sahip bir şekilde) bir grup oluşturacağız. Dolayısıyla bahse konu grubu oluşturmak için 'User groups' kısmına tıklıyoruz.

	User name	Groups	Last activity	MFA	Password age	Active key age
<input type="checkbox"/>	bill_database	database	Never	None	✓ 1 hour ago	✓ 1 hour ago
<input type="checkbox"/>	mike_developer	None	Never	None	✓ 2 minutes ago	✓ 2 minutes ago
<input type="checkbox"/>	oguzhan	None	✓ 2 hours ago	None	✓ 5 hours ago	✓ 5 hours ago
<input type="checkbox"/>	tom_database	database	Never	None	✓ 1 hour ago	✓ 1 hour ago

IAM Management Console

console.aws.amazon.com/iamv2/home#/groups

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EC2 IAM

Identity and Access Management (IAM)

Search IAM

Dashboard

Access management

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

Group name	Users	Permissions	Creation time
database	>Loading	>Loading	50 minutes ago

Create group

79

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IAM Management Console

console.aws.amazon.com/iamv2/home#/groups/create

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Identity and Access Management (IAM)

EC2 IAM

Identity and Access Management (IAM) > User groups > Create user group

Create user group

Name the group

User group name: developers

Add users to the group - Optional (Selected 2/4)

User name	Groups	Last activity	Creation time
bill_database	1	None	1 hour ago
<input checked="" type="checkbox"/> mike_developer	0	None	9 minutes ago
oguzhan	0	2 hours ago	5 hours ago
<input checked="" type="checkbox"/> tom_database	1	None	1 hour ago

Attach permissions policies - Optional (Selected 2/727)

Filter policies by property or policy name and press enter

Policy name	Type	Description
<input checked="" type="checkbox"/> AmazonS3FullAccess	AWS managed	Provides full access to all buckets via the AWS Management Console.

Cancel Create group

80 Oluşturmak istediğimiz grubun ismini giriyoruz.

81 'Developers' grubuna dahil etmek istediğimiz user'ları seçiyoruz.

82 'Developers' grubuna tanımlamak istediğimiz yetkileri filtreleri kullanarak bulup seçiyoruz. (AmazonS3FullAccess)

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04:51 30.01.2022

IAM Management Console

console.aws.amazon.com/iamv2/home#/groups/create

Services | IAM

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Global | oguzhan @ oguzhanselcuk

Identity and Access Management (IAM)

Dashboard

Access management

User 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 user group

Name the group

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

Maximum 128 characters. Use alphanumeric and '+-=._-' characters.

Add users to the group - Optional (Selected 2/4) 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.

User name	Groups	Last activity	Creation time
bill_database	1	None	1 hour ago
<input checked="" type="checkbox"/> mike_developer	0	None	9 minutes ago
oguzhan	0	2 hours ago	5 hours ago
<input checked="" type="checkbox"/> tom_database	1	None	1 hour ago

Attach permissions policies - Optional (Selected 2/727) Info

You can attach up to 10 policies to this user group. All the users in this group will have permissions that are defined in the selected policies.

Policy name	Type	Description
<input checked="" type="checkbox"/>  AmazonEC2FullAccess	AWS managed	Provides full access to Amazon EC2 via the AWS Management Console.

Filter policies by property or policy name and press enter

"EC2Full" X Clear filters

83 'Developers' grubuna tanımlamak istediğiniz yetkileri filtreleri kullanarak bulup seçiyoruz. (AmazonEC2FullAccess)

84 Create group

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IAM Management Console

console.aws.amazon.com/iamv2/home#/groups

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EC2 IAM

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

Credential report

Organization activity

Service control policies (SCPs)

IAM User groups

User groups (2) 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

Group name	Users	Permissions	Creation time
database	2	>Loading	1 hour ago
developers	2	Defined	1 minute ago

85 'Developers' isimli grubumuz oluşturuldu. İncelemek için içine giriyoruz.

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Windows Start Chrome Mail Powerpoint

Identity and Access Management (IAM)

IAM > User groups > developers

developers

Delete Edit

Summary

User group name	Creation time	ARN
developers	January 30, 2022, 04:59 (UTC+03:00)	arn:aws:iam::371553575031:group/developers

Users Permissions Access Advisor

86 'Permissions' kısmını inceleyelim.

Users in this group (2) 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.

Search

User name	Groups	Last activity	Creation time
tom_database	2	None	1 hour ago
mike_developer	1	None	21 minutes ago

Remove users Add users

< 1 >

tom_database mike_developer

'Developers' grubuna istenildiği üzere Tom ve Mike'ı başarıyla ekledik.

Identity and Access Management (IAM)

IAM > User groups > developers

developers

Summary

User group name: developers Creation time: January 30, 2022, 04:59 (UTC+03:00) ARN: arn:aws:iam::371553575031:group/developers

87 'Users' kismına geri dönelim.

Users Permissions Access Advisor

Permissions policies (2) Info

You can attach up to 10 managed policies.

Filter policies by property or policy name and press enter

Policy name	Type	Description
AmazonEC2FullAccess	AWS managed	Provides full access to Amazon EC2 via the AWS Management Console.
AmazonS3FullAccess	AWS managed	Provides full access to all buckets via the AWS Management Console.

'Developers' grubuna istenildiği üzere AmazonS3FullAccess ve AmazonEC2FullAccess yetkilerini verdik.

IAM Management Console

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

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EC2 IAM

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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

Credential report

Organization activity

Service control policies (SCPs)

IAM > User groups > developers

developers

Delete Edit

Summary

User group name	Creation time	ARN
developers	January 30, 2022, 04:59 (UTC+03:00)	arn:aws:iam::371553575031:group/developers

Users Permissions Access Advisor

Users in this group (2) 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.

Search

User name	Groups	Last activity	Creation time
tom_database	88	2 None	1 hour ago
mike_developer	1	None	26 minutes ago

Remove users Add users

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2

IAM Management Console x IAM Management Console x +

console.aws.amazon.com/iam/home#/users/tom_database

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EC2 IAM Global oguzhan @ oguzhanselcuk

Identity and Access Management (IAM)

Dashboard

Access management

Users

Roles

Policies

Identity providers

Account settings

Access reports

Access analyzer

Archive rules

Analyzers

Settings

Credential report

Organization activity

Service control policies (SCPs)

Search IAM

AWS account ID: 371553575031

New feature to generate a policy based on CloudTrail events.
AWS uses your CloudTrail events to identify the services and actions used and generate a least privileged policy that you can attach to this user.

Users > tom_database

Summary

User ARN: arn:aws:iam::371553575031:user/tom_database

Path: /

Creation time: 2022-01-30 03:19 UTC+0300

Permissions Groups (2) Tags Security credentials Access Advisor

▼ Permissions policies (4 policies applied)

Add permissions + Add inline policy

Policy name	Policy type
AmazonRDSFullAccess	AWS managed policy
IAMUserChangePassword	AWS managed policy
AmazonEC2FullAccess	AWS managed policy from group developers
AmazonS3FullAccess	AWS managed policy from group developers

Attached directly

- ▶ AmazonRDSFullAccess → Kendisine tanımlı
- ▶ IAMUserChangePassword → Default (Son zamanlarda AWS Free Tier hesabı açanlarda görülüyor)

Attached from group

- ▶ AmazonEC2FullAccess
- ▶ AmazonS3FullAccess

‘Developers’ grubundan gelen yetkiler

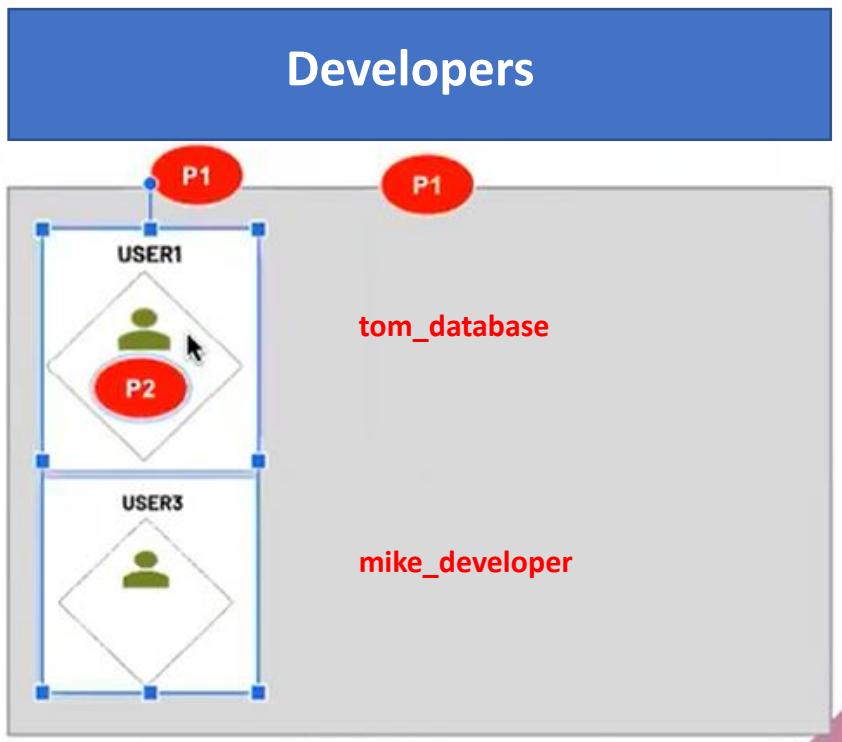
▶ Permissions boundary (not set)

▼ Generate policy based on CloudTrail events

You can generate a new policy based on the access activity for this user, then customize, create, and attach it to this role. AWS uses your CloudTrail events to identify the services and actions used and generate a policy. Learn more

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Ne yaptık?



2. departmanda önce user'ları (herhangi bir policy'ye sahip olmadan) oluşturduk. (**Not:** 'tom_database' isimli kullanıcı 'database' grubunda oluşturulduğu için onu yeniden oluşturmadık.) Sonra (policy'ye sahip bir şekilde) bir grup (developers) oluşturduk. Sonrasında user'ları grubun içine atadık. Dolayısıyla grubun içine atanan user'lar otomatik bir şekilde grubun sahip olduğu yetkilere sahip olmuş oldu. (**Not:** Bir user bu gruptan çıkarılırsa elinden (gruptan gelen) yetkileri alınmış olur.)

Şu anda AWS hesabımızdan sign-out yaparak çıkış yapar ve 'tom_database' veya 'mike_developers' kullanıcıları ile giriş yapabiliriz. Ancak 'tom_database' ve 'mike_developers' adlı kullanıcılar yalnızca kendilerine verilen yetkilerin sınırları içinde işlem yapabilirler.

tom_database > AmazonS3FullAccess – AmazonEC2FullAccess – AmazonRDSFullAccess

mike_deveopers > AmazonS3FullAccess – AmazonEC2FullAccess

'mike_developers' adlı kullanıcı gruptan çıkarılırsa hiçbir policy'ye sahip olmamış olur.

'tom_database' adlı kullanıcı gruptan çıkarılsa dahi kendi policy'sine sahip olmaya devam eder. Örneğin 'tom_database' adlı kullanıcı gruptan çıkarılsa dahi 'AmazonRDSFullAccess' yetkisine sahip olduğu için bu yetkinin sınırları içinde işlem yapabilir.

IAM Management Console

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

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EC2 IAM

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Identity and Access Management (IAM)

Search IAM

Dashboard

User groups **89**

Users

Roles

Policies

Identity providers

Account settings

User groups

Access management

Access reports

Access analyzer

Archive rules

Analyzers

Settings

Credential report

Organization activity

Service control policies (SCPs)

IAM > User groups > developers

developers

Delete Edit

Summary

User group name	Creation time	ARN
developers	January 30, 2022, 04:59 (UTC+03:00)	arn:aws:iam::371553575031:group/developers

Users Permissions Access Advisor

Users in this group (2) 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.

Search

Remove users Add users

User name	Groups	Last activity	Creation time
tom_database	2	None	1 hour ago
mike_developer	1	None	26 minutes ago

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0°C Açık 05:32 30.01.2022

IAM Management Console

console.aws.amazon.com/iamv2/home#/groups

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Global oguzhan @ oguzhanselcuk 90

EC2 IAM

Identity and Access Management (IAM)

Search IAM

Dashboard

Access management

User groups (2) 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

1 / 1

Create group

Group name Users Permissions Creation time

Group name	Users	Permissions	Creation time
database	2	>Loading	1 hour ago
developers	2	Defined	33 minutes ago

Identity providers

Account settings

Access reports

Access analyzer

Archive rules

Analyzers

Settings

Credential report

Organization activity

Service control policies (SCPs)

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90

Red arrow pointing to the "Create group" button.

Group name	Users	Permissions	Creation time
database	2	>Loading	1 hour ago
developers	2	Defined	33 minutes ago

IAM Management Console

console.aws.amazon.com/iamv2/home#/groups/create

Services | IAM

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Identity and Access Management (IAM)

Dashboard

Access management

User groups **91** Oluşturmak istediğimiz grubun ismini giriyoruz.

Users

Roles

Policies

Identity providers

Account settings

Access reports

Access analyzer

Archive rules

Analyzers

Settings

Credential report

Organization activity

Service control policies (SCPs)

Create user group

Name the group

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

Add users to the group - Optional (4) 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.

User name	Groups	Last activity	Creation time
bill_database	1	None	2 hours ago
mike_developer	1	None	54 minutes ago
oguzhan	0	3 hours ago	6 hours ago
tom_database	2	None	2 hours ago

Attach permissions policies - Optional (Selected 1/727) Info

You can attach up to 10 policies to this user group. All the users in this group will have permissions that are defined in the selected policies.

Policy name	Type	Description
AWSCodeCommitPowerUser	AWS managed	Provides full access to AWS CodeCommit repositories, but does not allow repo...
AWSDataPipeline_PowerUser	AWS managed	Provides full access to Data Pipeline, list access for S3, DynamoDB, Redshift, R...
AmazonEC2ContainerRegistryPowerUser	AWS managed	Provides full access to Amazon EC2 Container Registry repositories, but does n...
AmazonCognitoPowerUser	AWS managed	Provides administrative access to existing Amazon Cognito resources. You will n...
AWSKeyManagementServicePowerUser	AWS managed	Provides access to AWS Key Management Service (KMS).
PowerUserAccess	AWS managed - job function	Provides full access to AWS services and resources, but does not allow manage...
AmazonElasticContainerRegistryPublicPo...	AWS managed	Provides full access to Amazon ECR Public repositories, but does not allow repo...

Cancel **92** 'awsdevops' grubuna tanımlamak istediğimiz yetkiyi filtreleri kullanarak bulup seçiyoruz. (PowerUserAccess) Create group **93**

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ACCESS TYPES

Root User = BOSS



IAM User



CLARUSWAY
WAY TO REINVENT YOURSELF

2

IAM Groups

Administrator Full Access > Power User > other



Full

(Full - (IAM auth.))

CLARUSWAY
WAY TO REINVENT YOURSELF

Sahip oldukları yetkilerin kapsamı ve gücü açısından bir değerlendirme yapmak gereklidir;

- Root User'ın yetkilerini boss'a
- IAM User'ın yetkilerini CEO'ya
- Power User'ın yetkilerini ise supervisor'a benzetmek mümkündür.

Power User, sadece çalışma üzerine odaklı. Yönetimsel bir fonksiyon yok. Power user'in IAM servisle, billing'le vs. işi yok. Power user, neredeyse Administrator Full Access kadar erişim yetkisine sahip. (Sadece IAM auth. yetkileri yok). Power user = iş yapan adam, sahadaki adam. Bütün operasyonel yetkilere sahip. Yönetimle ilgili bir işi yok.

Policy summary { } JSON

```
1 {  
2   "Version": "2012-10-17",  
3   "Statement": [  
4     {  
5       "Effect": "Allow",  
6       "NotAction": [  
7         "iam:*",  
8         "organizations:*",  
9         "account:*"  
10      ],  
11      "Resource": "*"  
12    },  
13    {  
14      "Effect": "Allow",  
15      "Action": [  
16        "iam>CreateServiceLinkedRole",  
17        "iam>DeleteServiceLinkedRole",  
18        "iam>ListRoles",  
19        "organizations:DescribeOrganization",  
20        "account>ListRegions"  
21      ],  
22      "Resource": "*"  
23    }  
24  }  
25 }
```

Identity and Access Management (IAM)

 Search IAM

Dashboard

▼ Access management

User groups

Users

Policies

Identity providers

Account settings

▼ Access reports

Access analyzer

Archive rules

Analyzers

Settings

Credential report

Organization activity

94 ‘awsdevops’ isimli grubumuza dahil etmek üzere 2 user oluşturmak için ‘Users’ kısmına tıklıyoruz.

	Group name	Users	Permissions
<input type="checkbox"/>	awsdevops	>Loading	Defined
<input type="checkbox"/>	database	2 ...	Loading
<input type="checkbox"/>	developers	2 ...	Defined

IAM Management Console

console.aws.amazon.com/iamv2/home#/users

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Global oguzhan @ oguzhanselcuk

EC2 IAM

Identity and Access Management (IAM)

Introducing the new Users list experience
We've redesigned the Users list experience to make it easier to use. [Let us know what you think.](#)

IAM > Users

Users (4) Info An IAM user is an identity with long-term credentials that is used to interact with AWS in an account.

Add users

User name	Groups	Last activity	MFA	Password age	Active key age
bill_database	database	Never	None	2 hours ago	2 hours ago
mike_developer	None	Never	None	1 hour ago	1 hour ago
oguzhan	None	4 hours ago	None	6 hours ago	6 hours ago
tom_database	database	Never	None	2 hours ago	2 hours ago

Find users by username or access key

95

Search IAM

Dashboard

Access management

- User groups
- Users**
- Roles
- Policies
- Identity providers
- Account settings

Access reports

- Access analyzer
- Archive rules
- Analyzers
- Settings

Credential report

Organization activity

Service control policies (SCPs)

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Add user

1 2 3 4 5

Set user details

You can add multiple users at once with the same access type and permissions. [Learn more](#)

User name*

kath_awsdevops ✖

silver_awsdevops ✖

+ Add another user

Select AWS access type

Select how these users will primarily access AWS. If you choose only programmatic access, it does NOT prevent users from accessing the console using an assumed role. Access keys and autogenerated passwords are provided in the last step. [Learn more](#)

Select AWS credential type*



Access key - Programmatic access

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

96



Password - AWS Management Console access

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

97

Console password*



Autogenerated password



Custom password

98

Require password reset



Users must create a new password at next sign-in

Users automatically get the [IAMUserChangePassword](#) policy to allow them to change their own password.

99

Oluşturduğumuz userların şifreleri otomatik olarak oluşturuluyor. Mail vb. bir yolla şifresi user'a gönderiliyor.

User ilk defa 'sign-in' işlemi yaparken yeni şifre oluşturululsun

* Required

Cancel

Next: Permissions 100

IAM Management Console

console.aws.amazon.com/iam/home#/users\$new?step=permissions&accessKey&login&userNames=kath_awsdevops&userNames=silver_awsdevops&passwordReset&passwordType=autogen

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EC2 IAM

101

'Add users to grup' butonunu seçeceğiz. 'kath_awsdevops' ve 'silver_awsdevops' isimli user'ları 'awsdevops' grubuna dahil ediyorum. Dolayısıyla bu grubun bütün policy'lerini bahse konu userlara klonlamış/ atamış oluyorum.

102

102 numaralı kırmızı ok, 'awsdevops' grubunu seçtiğimi göstermektedir.

103

103 numaralı kırmızı ok, 'Next: Tags' butonunu işaretlemektedir.

Set permissions

Add users to group Copy permissions from existing user Attach existing policies directly

Add users to an existing group or create a new one. Using groups is a best-practice way to manage users' permissions by job functions. [Learn more](#)

Add user to group

Create group Refresh

Search Showing 3 results

Group	Attached policies
<input checked="" type="checkbox"/> awsdevops	PowerUserAccess
<input type="checkbox"/> database	None
<input type="checkbox"/> developers	AmazonEC2FullAccess and 1 more

Set permissions boundary

Cancel Previous Next: Tags

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IAM Management Console

console.aws.amazon.com/iam/home#/users\$new?step=tags&accessKey&login&userNames=kath_awsdevops&userNames=silver_awsdevops&passwordReset&passwordType=autogen&group...     oguzhan @ oguzhanselcuk

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EC2 IAM

1 2 3 4 5

Add tags (optional)

IAM tags are key-value pairs you can add to your user. Tags can include user information, such as an email address, or can be descriptive, such as a job title. You can use the tags to organize, track, or control access for this user. [Learn more](#)

Key	Value (optional)	Remove
Add new key		

You can add 50 more tags.

104

Bu örnekte tag kullanmıyoruz.

Cancel

Previous

Next: Review

Review

Review your choices. After you create the users, you can view and download autogenerated passwords and access keys.

User details

User names	kath_awsdevops and silver_awsdevops
AWS access type	Programmatic access and AWS Management Console access
Console password type	Autogenerated
Require password reset	Yes
Permissions boundary	Permissions boundary is not set

Permissions summary

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

Type	Name
Group	awsdevops
Managed policy	IAMUserChangePassword

Tags

No tags were added.

105

Cancel

Previous

Create users

IAM Management Console

console.aws.amazon.com/iam/home#/users\$new?step=final&accessKey&login&userNames=kath_awsdevops&userNames=silver_awsdevops&passwordReset&passwordType=autogen&grou...

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

EC2 IAM

Success

You successfully created the users shown below. You can view and download user security credentials. You can also email users instructions for signing in to the AWS Management Console. This is the last time these credentials will be available to download. However, you can create new credentials at any time.

Users with AWS Management Console access can sign-in at: <https://oguzhanselcuk.signin.aws.amazon.com/console>

 Download .csv

	User	Access key ID	Secret access key	Password	Email login instructions
▶	<input checked="" type="checkbox"/> kath_awsde...	AKIAVNASRUB3QOGJEUTY 	***** Show	***** Show	Send email 
▶	<input checked="" type="checkbox"/> silver_awsde...	AKIAVNASRUB3VAFYVEMJ 	***** Show	***** Show	Send email 

Hali hazırda bir örnek yaptığımız için '.csv' dosyasını download etmiyoruz veya user'lara 'access key id', 'secret access key' ve 'password'lerini email vasıtasıyla göndermiyoruz. Gerçek dünyada bu işlemleri yapmamız gerekiyor.

106

[Close](#)

IAM Management Console

console.aws.amazon.com/iamv2/home#/users

Services | EC2 | IAM **107**

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Global | oguzhan @ oguzhanselcuk

Identity and Access Management (IAM)

Introducing the new Users list experience
We've redesigned the Users list experience to make it easier to use. [Let us know what you think.](#)

The users [kath_awsdevops](#), [silver_awsdevops](#) have been created.

Dashboard

Access management

- User 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 (6) Info

An IAM user is an identity with long-term credentials that is used to interact with AWS in an account.

Find users by username or access key

<input type="checkbox"/>	User name	Groups	Last activity	MFA	Password age	Active key age
<input type="checkbox"/>	bill_database	database	Never	None	3 hours ago	3 hours ago
<input type="checkbox"/>	kath_awsdevops	awsdevops	Never	None	1 minute ago	1 minute ago
<input type="checkbox"/>	mike_developer	developers	Never	None	1 hour ago	1 hour ago
<input type="checkbox"/>	oguzhan	None	4 hours ago	None	6 hours ago	6 hours ago
<input type="checkbox"/>	silver_awsdevops	awsdevops	Never	None	1 minute ago	1 minute ago
<input type="checkbox"/>	tom_database	database and developers	Never	None	3 hours ago	3 hours ago

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TROUBLESHOOTING

Şifre Değiştirme

Problem: Admin olduğunuzu farz edin. Bir user size şifreyi unuttuğunu söylüyor veya siz IAM User'ı unuttunuz root ile gireceksiniz. Bir şekilde şifreyi resetlemeniz lazım.

IAM Management Console x + v - □ x

console.aws.amazon.com/iamv2/home#/home

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

EC2 IAM

Identity and Access Management (IAM) x

Introducing the new IAM dashboard experience
We've redesigned the IAM dashboard experience to make it easier to use. [Let us know what you think.](#)

Search IAM

Dashboard

Access management

- User groups
- Users** 108 ←
- Roles
- Policies
- Identity providers
- Account settings

Access reports

- Access analyzer
- Archive rules
- Analyzers
- Settings
- Credential report
- Organization activity
- Service control policies (SCPs)

IAM dashboard

Security recommendations 2 ⟳

- Add MFA for root user**
Enable multi-factor authentication (MFA) for the root user to improve security for this account.
- Add MFA for yourself**
Add multi-factor authentication (MFA) for yourself to improve security for this account. Add MFA
- Your user, oguzhan, does not have any active access keys that have been unused for more than a year.**
Deactivating or deleting unused access keys improves security.

IAM resources ⟳

User groups	Users	Roles	Policies	Identity providers
3	6	3	0	0

What's new ⟳ View all

Updates for features in IAM

IAM Access Analyzer helps you generate fine-grained policies that specify the required actions for more than 50 services.

AWS Account

Account ID 371553575031

Account Alias oguzhanselcuk Edit | Delete

Sign-in URL for IAM users in this account https://oguzhanselcuk.siginn.aws.amazon.com/console

Quick Links ⟳

[My security credentials](#)
Manage your access keys, multi-factor authentication (MFA) and other credentials.

Tools ⟳

[Policy simulator](#)

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Identity and Access Management (IAM)

Introducing the new Users list experience
We've redesigned the Users list experience to make it easier to use. [Let us know what you think.](#)

IAM > Users

Users (6) Info An IAM user is an identity with long-term credentials that is used to interact with AWS in an account.

Add users

User name	Groups	Last activity	MFA	Password age	Active key age
bill_database	database	Never	None	3 hours ago	3 hours ago
kath_awsdevops	awsdevops	Never	None	10 minutes ago	10 minutes ago
mike_developer	developers	Never	None	1 hour ago	1 hour ago
oguzhan	None	4 hours ago	None	7 hours ago	7 hours ago
silver_awsdevops	awsdevops	Never	None	10 minutes ago	10 minutes ago
tom_database	database and developers	Never	None	3 hours ago	3 hours ago

Find users by username or access key

109 kath_awsdevops isimli kullanıcının şifresini unuttuğunu varsayıarak kullanıcının ismine tıklayalım.

IAM Management Console

console.aws.amazon.com/iam/home#/users/kath_awsdevops?section=permissions

Services | EC2 | IAM

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Global | oguzhan @ oguzhanselcuk

New feature to generate a policy based on CloudTrail events.
AWS uses your CloudTrail events to identify the services and actions used and generate a least privileged policy that you can attach to this user.

Users > kath_awsdevops

Summary

User ARN: arn:aws:iam::371553575031:user/kath_awsdevops

Path: /

Creation time: 2022-01-30 06:21 UTC+0300

110

Permissions | Groups (1) | Tags | Security credentials | Access Advisor

▼ Permissions policies (2 policies applied)

Add permissions | + Add inline policy

Policy name	Policy type
IAMUserChangePassword	AWS managed policy

Attached directly

Attached from group

Show 1 more

Search IAM

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IAM Management Console

console.aws.amazon.com/iam/home#/users/kath_awsdevops?section=security_credentials

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

EC2 IAM Global oguzhan @ oguzhanselcuk

New feature to generate a policy based on CloudTrail events.
AWS uses your CloudTrail events to identify the services and actions used and generate a least privileged policy that you can attach to this user.

Users > kath_awsdevops

Summary

User ARN: arn:aws:iam::371553575031:user/kath_awsdevops

Path: /

Creation time: 2022-01-30 06:21 UTC+0300

Permissions Groups (1) Tags Security credentials Access Advisor

Sign-in credentials

Summary	Console sign-in link: https://oguzhanselcuk.signin.aws.amazon.com/console
Console password	Enabled (never signed in) Manage
Assigned MFA device	Not assigned Manage
Signing certificates	None

111

Access keys

Use access keys to make programmatic calls to AWS from the AWS CLI, Tools for PowerShell, AWS SDKs, or direct AWS API calls. You can have a maximum of two access keys (active or inactive) at a time.

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IAM Management Console

console.aws.amazon.com/iam/home#/users/kath_awsdevops?section=security_credentials

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EC2 IAM

Identity and Access Management (IAM)

Dashboard

Access management

User groups

Users

Roles

Policies

Identity providers

Account settings

Access reports

Access analyzer

Archive rules

Analyzers

Settings

Credential report

Organization activity

Service control policies (SCPs)

Search IAM

New feature AWS uses your

Manage console access

Manage kath_awsdevops's AWS console access and password.

Console access Enable **112**
 Disable
Disabling will remove pre-existing password.

Set password* Autogenerated password **113**
 Keep existing password
 Custom password

Require password reset User must create a new password at next sign-in **114**

Cancel **115** Apply

Assigned MFA device Not assigned | Manage

Signing certificates None

Access keys

Use access keys to make programmatic calls to AWS from the AWS CLI, Tools for PowerShell, AWS SDKs, or direct AWS API calls. You can have a maximum of two access keys (active or inactive) at a time.

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Arrows pointing to configuration fields:

- Red arrow labeled **112** points to the "Enable" radio button under "Console access".
- Red arrow labeled **113** points to the "Autogenerated password" radio button under "Set password*".
- Red arrow labeled **114** points to the "User must create a new password at next sign-in" checkbox.
- Red arrow labeled **115** points to the "Apply" button at the bottom right of the dialog.

IAM Management Console

console.aws.amazon.com/iam/home#/users/kath_awsdevops?section=security_credentials

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EC2 IAM

Identity and Access Management (IAM)

Dashboard

Access management

User groups

Users

Roles

Policies

Identity providers

Account settings

Access reports

Access analyzer

Archive rules

Analyzers

Settings

Credential report

Organization activity

Service control policies (SCPs)

Search IAM

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Global ▾ oguzhan @ oguzhanselcuk

New password

This is the only time you can view this password. After you close this window, if the password is lost, you must create a new one.

Console password ***** Show

Download .csv file Close

116

117

'kath_awsdevops' isimli kullanıcı şifresini unutmuştu. Burada yer alan '.csv' uzantılı dosyayı indirip 'kath_awsdevops' isimli kullanıcıya gönderiyoruz.

Summary

Permissions Groups (1) Tags Security credentials Access Advisor

Sign-in credentials

Summary • Console sign-in link: https://oguzhanselcuk.signin.aws.amazon.com/console

Console password Enabled (never signed in) | Manage

Assigned MFA device Not assigned | Manage

Signing certificates None

Access keys

Use access keys to make programmatic calls to AWS from the AWS CLI, Tools for PowerShell, AWS SDKs, or direct AWS API calls. You can have a maximum of two access keys (active or inactive) at a time.

For your protection, you should never share your secret keys with anyone. As a best practice, we recommend frequent key rotation.

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Terminal Ekranına Girilen Şifreleri Yenileme

Problem: Admin olduğunuzu farz edin. Bir user size 'secret access key'ini unuttuğunu söylüyor. Bu durumda ne yapacağız hep birlikte bakiyalım. Not: Zaman kaybetmemek için Aynı kullanıcıyı ele alacağız.

IAM Management Console

console.aws.amazon.com/iam/home#/users/kath_awsdevops?section=security_credentials

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EC2 IAM

Identity and Access Management (IAM)

Dashboard

Access management

User groups

Users

Roles

Policies

Identity providers

Account settings

Access reports

Access analyzer

Archive rules

Analyzers

Settings

Credential report

Organization activity

Service control policies

Create access key

118

Access key ID Created Last used Status

AKIAVNASRUB3XWXELAFE 2022-01-30 16:03 UTC+0300 N/A Active | Make inactive X

SSH keys for AWS CodeCommit

Upload SSH public key

No results

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Tümünü göster

new_user_credential....csv

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IAM Management Console

console.aws.amazon.com/iam/home#/users/kath_awsdevops?section=security_credentials

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EC2 IAM

Identity and Access Management (IAM)

Dashboard

Access management

User groups

Users

Roles

Policies

Identity providers

Account settings

Access reports

Access analyzer

Archive rules

Analyzers

Settings

Credential report

Organization activity

Service control policies

Feedback English (US) ▾

Create access key

Warning
Never post your secret access key on public platforms, such as GitHub. This can compromise your account security.

Success
This is the **only** time that the secret access keys can be viewed or downloaded. You cannot recover them later. However, you can create new access keys at any time.

Download .csv file

Access key ID	Secret access key
AKIAVNASRUB32R64YX7D	***** Show

Close 119

Hali hazırda bir örnek yaptığımız için '.csv' dosyasını download etmiyoruz veya user'lara 'access key id', 'secret access key' ve 'password'lerini email vasıtasıyla göndermiyoruz. Gerçek dünyada bu işlemleri yapmamız gerekiyor.

No results

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Tümünü göster

new_user_credential....csv

Aramak için buraya yazın

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Red arrow pointing to the warning message: 'Never post your secret access key on public platforms, such as GitHub. This can compromise your account security.'

Red arrow pointing to the success message: 'This is the **only** time that the secret access keys can be viewed or downloaded. You cannot recover them later. However, you can create new access keys at any time.'

Red arrow pointing to the 'Close' button: 'Close 119'

Text on the right side: 'Secret access key'inizi asla GitHub gibi umuma açık platformlarda paylaşmayın. Bu durum, hesap güvenliğinizin tehlikeye atabilir.' and 'Bu, 'secret access key'lerin görüntülenen olduğu veya indirilen olduğu tek zamandır. Onları daha sonra kurtaramazsınız. Ancak, istediğiniz zaman yeni 'access key'ler oluşturabilirsiniz.'

IAM Management Console

console.aws.amazon.com/iam/home#/users/kath_awsdevops?section=security_credentials

Services | EC2 | IAM

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Global | oguzhan @ oguzhanselcuk

Identity and Access Management (IAM)

Dashboard

Access management

User groups

Users

Roles

Policies

Identity providers

Account settings

Access reports

Access analyzer

Archive rules

Analyzers

Settings

Credential report

Organization activity

Service control policies

Siging certificates None

Access keys

Use access keys to make programmatic calls to AWS from the AWS CLI, Tools for PowerShell, AWS SDKs, or direct AWS API calls. You can have a maximum of two access keys (active or inactive) at a time.

For your protection, you should never share your secret keys with anyone. As a best practice, we recommend frequent key rotation.

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

Access key ID	Created	Last used	Status	Action
AKIAVNASRUB3XWXELAFE	2022-01-30 16:03 UTC+0300	N/A	Active	Make inactive
AKIAVNASRUB32R64YX7D	2022-01-31 00:26 UTC+0300	N/A	Active	Make inactive

SSH keys for AWS CodeCommit

Use SSH public keys to authenticate access to AWS CodeCommit repositories. Learn more

Upload SSH public key

SSH key ID	Uploaded	Status
No results		

120

A red arrow points to the "Inactive" status of the second access key, which is highlighted in yellow. A red box highlights the number "120" in the top right corner of the page.

'Secret access key'ini kaybeden user için yenisini üretmiştık. Artık eskisini rahatlıkla silebiliriz. Artık eski 'secret access key'ım şüpheli. Bu key'i önce inactive hale getirip sonra da sileceğiz.

new_user_credential....csv

Tümünü göster

Aramak için buraya yazın

8°C Bulutlu 00:37 31.01.2022

IAM Management Console

console.aws.amazon.com/iam/home#/users/kath_awsdevops?section=security_credentials

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

EC2 IAM

Identity and Access Management (IAM)

Dashboard

Access management

User groups

Users

Roles

Policies

Identity providers

Account settings

Access reports

Access analyzer

Archive rules

Analyzers

Settings

Credential report

Organization activity

Service control policies

Feedback English (US) ▾

Deactivate AKIAVNASRUB3XWXELAFE?

Deactivate access key **AKIAVNASRUB3XWXELAFE**? You can't use a disabled key to make AWS API calls but you can activate it again later.

Access key last used

⚠ Never

IAM user

kath_awsdevops

Account

371553575031

Cancel **Deactivate** 121

S API calls. You can have a maximum of two access keys

ey rotation.

ey inactive. Learn more

	Status
Active	Make inactive
Active	Make inactive

Upload SSH public key

No results

SSH key ID Uploaded Status

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Tümünü göster

new_user_credential....csv

Aramak için buraya yazın

8°C Bulutlu 00:44 31.01.2022

IAM Management Console

console.aws.amazon.com/iam/home#/users/kath_awsdevops?section=security_credentials

Services | EC2 | IAM

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Global | oguzhan @ oguzhanselcuk

Identity and Access Management (IAM)

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

Access keys

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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

Access key AKIAVNASRUB3XWXELAFE deactivated

Create access key

Access key ID	Created	Last used	Status
AKIAVNASRUB3XWXELAFE	2022-01-30 16:03 UTC+0300	N/A	Inactive Make active
AKIAVNASRUB32R64YX7D	2022-01-31 00:26 UTC+0300	N/A	Active Make inactive

SSH keys for AWS CodeCommit

Use SSH public keys to authenticate access to AWS CodeCommit repositories. [Learn more](#)

Upload SSH public key

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new_user_credential....csv Tümünü göster

IAM Management Console

console.aws.amazon.com/iam/home#/users/kath_awsdevops?section=security_credentials

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

Global oguzhan @ oguzhanselcuk

EC2 IAM

Identity and Access Management (IAM)

Dashboard

Access management

User groups

Users

Roles

Policies

Identity providers

Account settings

Access reports

Access analyzer

Archive rules

Analyzers

Settings

Credential report

Organization activity

Service control policies

Feedback English (US) ▾

new_user_credential....csv

Aramak için buraya yazın

8°C Bulutlu 00:46 31.01.2022

Delete AKIAVNASRUB3XWXELAFE?

Permanently delete access key **AKIAVNASRUB3XWXELAFE**? Any AWS API call made using this key will fail. Before you disable or delete an access key, make sure that it's no longer in use. You cannot recover an access key after you delete it.

Access key last used

Never

IAM user

kath_awsdevops

Account

371553575031

To confirm deletion, enter the access key ID in the text input field.

AKIAVNASRUB3XWXELAFE

Cancel Delete

123 Bu kısımda yer alan access key'i kopyala

124 Buraya yapıştır

125 Yapıştırma işlemi sonrası aktifleşen delete butonuna bas

S API calls. You can have a maximum of two access keys

ey rotation.

ey inactive. Learn more

Status

Inactive | Make active ×

Active | Make inactive ×

No results

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Tümünü göster

IAM Management Console

console.aws.amazon.com/iam/home#/users/kath_awsdevops?section=security_credentials

Services: EC2, IAM

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Global | oguzhan @ oguzhanselcuk

Identity and Access Management (IAM)

Dashboard

Access management

Users **126** (highlighted with a red arrow)

Roles

Policies

User groups

Oluşturdugumuz user'lar ve grupları siliyoruz.

Identity providers

Account settings

Access reports

Access analyzer

Archive rules

Analyzers

Settings

Credential report

Organization activity

Service control policies

Signting certificates None

Access keys

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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

Access key AKIAVNASRUB3XWXELAFE deleted (highlighted with a red arrow)

Create access key

Access key ID	Created	Last used	Status
AKIAVNASRUB3R64YX7D	2022-01-31 00:26 UTC+0300	N/A	Active Make inactive

SSH keys for AWS CodeCommit

Use SSH public keys to authenticate access to AWS CodeCommit repositories. Learn more

Upload SSH public key

SSH key ID	Uploaded	Status

Feedback English (US) ▾

new_user_credential....csv

Tümünü göster

Aramak için buraya yazın

8°C Bulutlu

00:50 31.01.2022

Identity and Access Management (IAM)

Introducing the new Users list experience
We've redesigned the Users list experience to make it easier to use. [Let us know what you think.](#)

IAM > Users

Users (Selected 5/6) [Info](#)

An IAM user is an identity with long-term credentials that is used to interact with AWS in an account.

Find users by username or access key

128

127

Hands-on için oluşturduğumuz user'ları seç

User name	Groups	Last activity	MFA	Password age	Active key age
bill_database	database	Never	None	9 hours ago	9 hours ago
kath_awsdevops	awsdevops	Never	None	1 hour ago	1 hour ago
mike_developer	developers	Never	None	9 hours ago	9 hours ago
oguzhan	None	10 hours ago	None	10 hours ago	10 hours ago
silver_awsdevops	awsdevops	Never	None	9 hours ago	9 hours ago
tom_database	database and developers	Never	None	9 hours ago	9 hours ago

Delete Add users

IAM Management Console

console.aws.amazon.com/iamv2/home#/users

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

EC2 IAM

Identity and Access Management (IAM)

Introducing the new Users list experience

We've redesigned the Users list experience to make it easier to use. Let us know what you think.

IAM > Users

Users (Selected)

An IAM user is an identity that can access AWS services.

Find users by name

User name

bill_database

kath_awssde

mike_develo

oguzhan

Find users by name

>Password age

Active key age

1 hour ago 9 hours ago

1 hour ago 9 hours ago

9 hours ago 9 hours ago

10 hours ago 10 hours ago

9 hours ago 9 hours ago

9 hours ago 9 hours ago

Never None

Never None

Never None

Never None

Cancel Delete

Delete 5 Users?

Delete 5 users permanently? This will also delete all their user data, security credentials and inline policies.

This action cannot be undone.

To confirm deletion, enter *delete* in the text input field.

delete 129 Bu alana 'delete' yaz 130

129 Bu alana 'delete' yaz 130

129 Bu alana 'delete' yaz 130



Aramak için buraya yazın



IAM Management Console

console.aws.amazon.com/iamv2/home#/users

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Global oguzhan @ oguzhanselcuk

Identity and Access Management (IAM)

Search IAM

Dashboard

User groups **131**

Users

Roles

Policies

Identity providers

Account settings

Access reports

Access analyzer

Archive rules

Analyzers

Settings

Credential report

Organization activity

Service control policies (SCPs)

Introducing the new Users list experience
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Users deleted.

IAM > Users

Users (1) Info An IAM user is an identity with long-term credentials that is used to interact with AWS in an account.

Find users by username or access key

User name	Groups	Last activity	MFA	Password age	Active key age
oguzhan	None	10 hours ago	None	10 hours ago	10 hours ago

Feedback English (US) ▾

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Aramak için buraya yazın

01:45 8°C Hafif yağmur 31.01.2022

IAM Management Console

console.aws.amazon.com/iamv2/home#/groups

Services | IAM

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

Global | oguzhan @ oguzhanselcuk

Identity and Access Management (IAM)

Search IAM

Dashboard

Access management

User groups (Selected 3/3) **132**

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

1 133

Group name | Users | Permissions | Creation time

Group name	Users	Permissions	Creation time
awsdevops	Loading	Loading	9 hours ago
database	Loading	Loading	10 hours ago
developers	Loading	Loading	9 hours ago

Delete | Create group

Hands-on için oluşturduğumuz grupları seç

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01:45 31.01.2022

8°C Hafif yağmur

Aramak için buraya yazın

Windows Taskbar icons: File Explorer, Mail, Google Chrome, Microsoft Edge, OneDrive, Powerpoint, Teams

IAM Management Console

console.aws.amazon.com/iamv2/home#/groups

Services: EC2, IAM

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Global: oguzhan @ oguzhanselcuk

Identity and Access Management (IAM)

User groups (Selected 3/3) 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

Delete 3 User groups?

Group names:

- awsdevops
- database
- developers

Delete 3 user groups permanently? All the users in this group will lose the group permissions.

This action cannot be undone.

To confirm deletion, enter *delete* in the text input field.

delete 134 Bu alana 'delete' yaz 135

Cancel Delete

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01:47 8°C Hafif yağmur 31.01.2022

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Windows Taskbar icons: File, Internet Explorer, File Explorer, Mail, Google Chrome, Microsoft Edge, Powerpoint, OneDrive

IAM Management Console

console.aws.amazon.com/iamv2/home#/groups

Services | EC2 | IAM

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Global | oguzhan @ oguzhanselcuk

Identity and Access Management (IAM)

User groups deleted.

Hands-on için oluşturduğumuz grupları sildik

IAM > User groups

User groups (0) 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

No resources to display

Dashboard

Access management

User groups

Users

Roles

Policies

Identity providers

Account settings

Access reports

Access analyzer

Archive rules

Analyzers

Settings

Credential report

Organization activity

Service control policies (SCPs)

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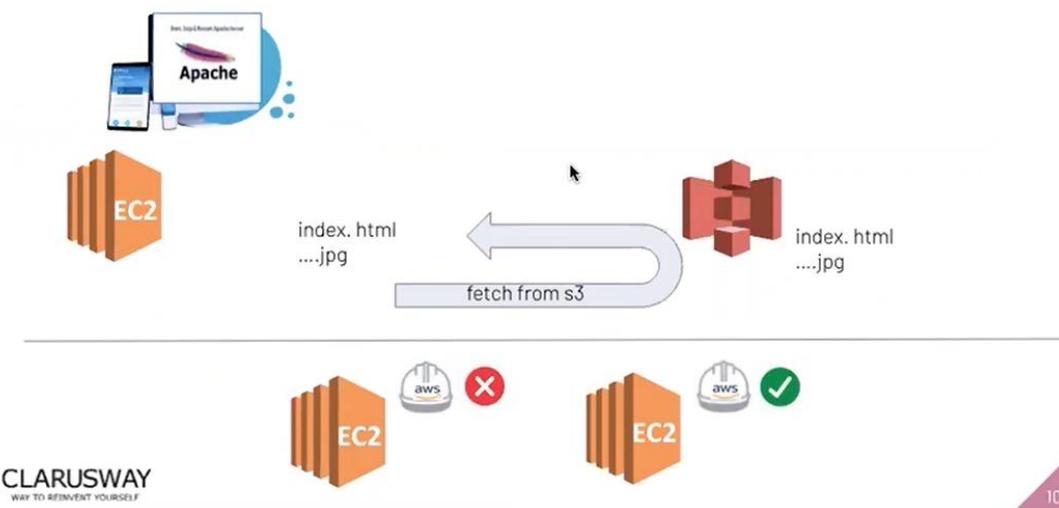
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Aramak için buraya yazın

01:48 8°C Hafif yağmur 31.01.2022

Roller

IAM Roles Anatomy of a Role



Bizim bir EC2'muz var. Bu EC2'yu launch edeceğiz. Bu EC2'yu launch ederken konsoldan 'user data' kısmını kullanacağız. AWS makineyi hazırlarken user data sistemi benim yerime kursun. (Herşeyi fabrika teslim bizim yerimize hazırlasın) Ben bir daha bununla uğraşmayayım.

A screenshot of a terminal window titled 'IAM.md'. The window displays a user data script. Red arrows point from specific lines of code to explanatory text on the right. The code includes commands like 'yum update -y', 'yum install -y httpd', 'cd /var/www/html', 'aws s3 cp s3://osvaldo-pipeline-production/index.html .', 'aws s3 cp s3://osvaldo-pipeline-production/cat.jpg .', 'systemctl enable httpd', 'systemctl start httpd', and configuration for security groups and network access.

```
#!/bin/bash
135 yum update -y
136 yum install -y httpd
137 cd /var/www/html
138 aws s3 cp s3://osvaldo-pipeline-production/index.html .
139 aws s3 cp s3://osvaldo-pipeline-production/cat.jpg .
140 systemctl enable httpd
141 systemctl start httpd
142
143 - Security Group: HTTP & SSH Allowed
144
145
146 - Show that the instance without role wasn't able to access S3 bucket. So the web
147 page couldn't fetch the index.html and cat.jpg file.
```

Kullandığımız user data ne yapıyor? User data şunu yapıyor:

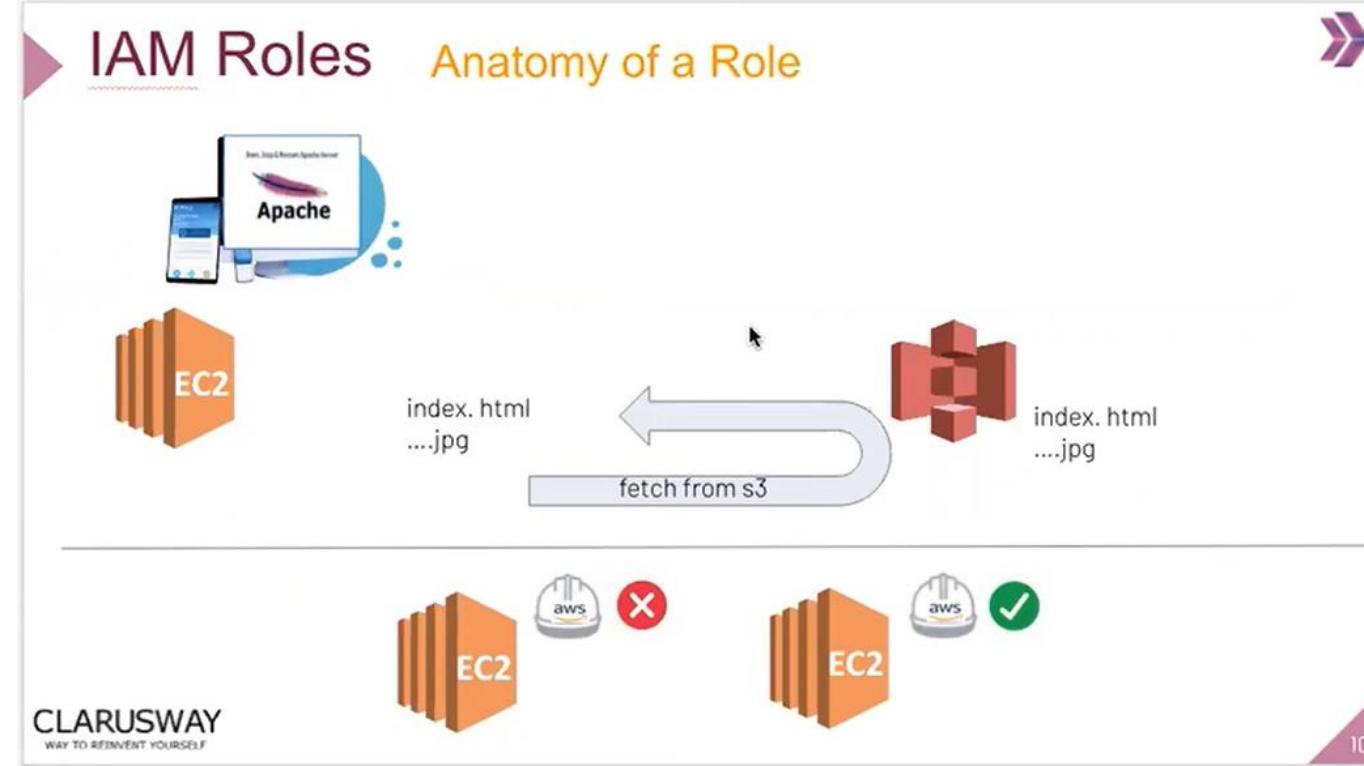
Kurduğumuz EC2'yu update ediyor.

Bu kod bir HTTP publish eden server software'ini yüklememize yarıyor. (Ör: Apache)
Web sayfamızı customize etmek için /var/www/html dosyasına gidiyoruz.

Web sayfasındaki düzenlemeleri kendimiz yapmak yerine AWS'nin S3 servisine (drive gibi düşün) başvuruyoruz. Bu kod grubu ile drive'da bir tane bucket'ın (klasörün) içindeki 'index.html' ve 'cat.jpg' isimli iki tane dosyayı alıp ve /var/www/html klasörünün içine atmış alıyoruz.

Sistemi enable ediyoruz.

Sistemi start ediyoruz.



Role kavramı için şunu söylemek mümkündür:

Bir AWS servisinin (örneğimizde EC2) başka bir AWS servisiyle (örneğimizde S3) iletişime geçmesi için bir role tanımlamamız gerekiyor.

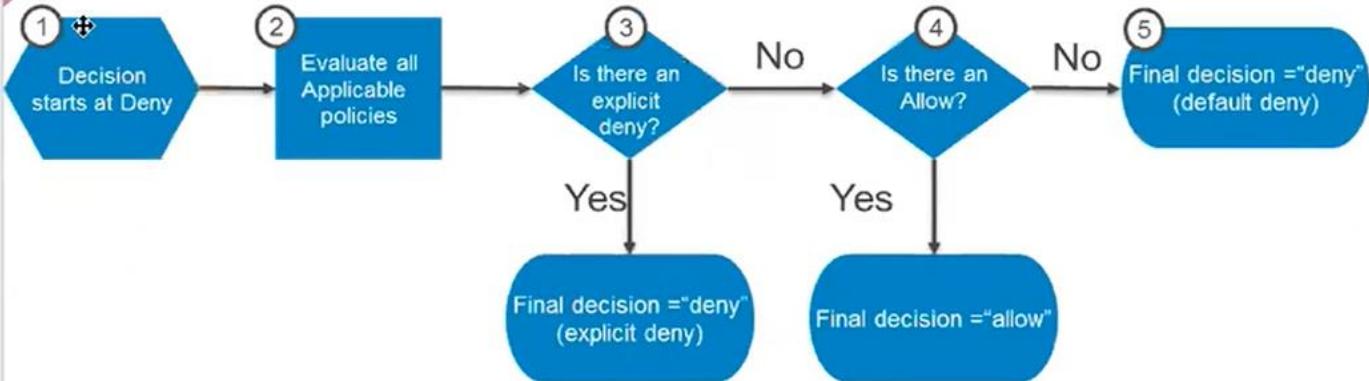
Örneğimizde EC2 bir makine yükleyecek ve içine bir software server (Apache Server) kuracak. Makineyi yüklerken iki tane dosyaya ihtiyacı var ('index.html' ve 'cat.jpg'). Bu iki dosya S3'ün içinde. S3'ün içinden bu dosyaları çekip almamız gerekiyor. Biz izin vermediğimiz sürede EC2, S3'e gidip bu bilgileri alamaz (dosyaları çekemez). O yüzden yetki vermemiz gerekiyor (EC2'nun S3'ten adı geçen iki dosyayı alabilmesi için).



Bu örnekte de EC2'nun bir S3'e ve bir RDS'e ulaşması gerekiyor. Mesela bir e-ticaret sitesi üzerinden yapılan bir alışverişe alalım. Bir ürün satın alındığında S3 üzerinde tutulan envanter listesinden (inventory list) satın alınan ürün adedinin düşülmesi gereklidir. Ürünü satın alan müşterilerin verileri (customer info) de bir database'de tutulur ve bu database'in RDS'e yazdırılması gereklidir.

role: İki AWS servisinin birbiri ile iletişime geçmesi için verilmesi gereken yetki

IAM



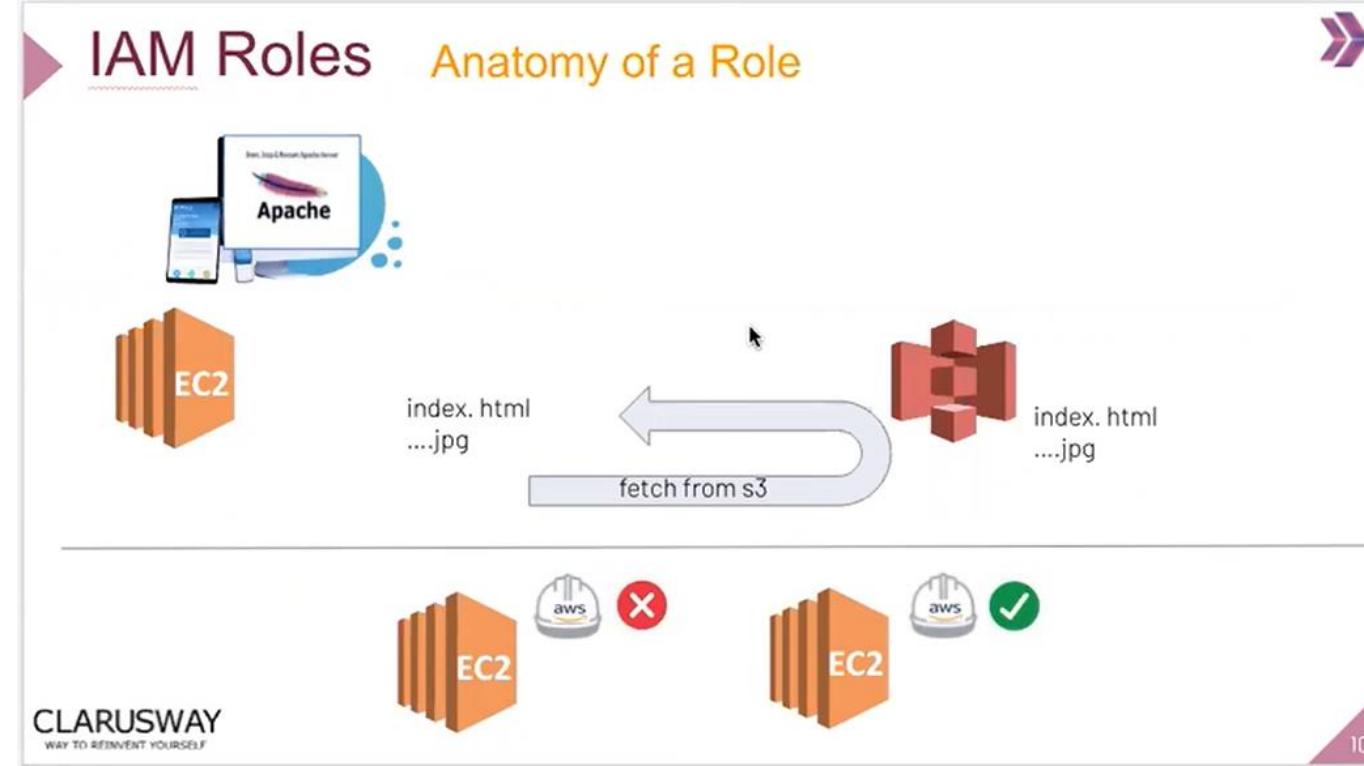
ec2 access=Allow



= allowed

CLARUSWAY
WAY TO REINVENT YOURSELF

AWS herşeyi baştan yok sayıyor. Deny ediyor. Olası bütün policy'leri değerlendiriyor. Deny edilmiş edilmeyeceğine daha doğrusu 'role'e izin verilip verilmeyeceğine karar veriyor.



Bir Apache makine kuracağız. Apache makine ihtiyacı olan 'inde.html' ve 'cat.jpg' dosyalarını kendisi yazmak yerine internetten çekiyor. Daha doğrusu internetten ziyade gidip bir github hesabından çekmiyor (ki onu da yapabilir) ve bunun yerine S3'ü kullanıyor. EC2 ve S3 iki ayrı servis. Aralarında bir rol tanımlanmadan EC2, S3'teki bu bilgilere daha doğrusu dosyalara erişemez. EC2'nun S3'e ulaşma yetkisini vermemiz lazım.

Örneğimizi gerçekleştirmek için ne yapacağız?

'user data' kullanarak bir makine oluşturacağız (ayağa kaldıracağız). Ancak bu makine'de bir 'role' olmayacak. Aynı şekilde bir makine daha oluşturacağız. Bu makinede 'role' olacak. İkişi nasıl etkileşim kuracak? 'Role' ün etkisini göreceğiz.

IAM Management Console

console.aws.amazon.com/iamv2/home#/home

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EC2 IAM

Identity and Access Management (IAM)

Search IAM

Dashboard

Access management

- User groups
- Users
- Roles **136**
- Policies
- Identity providers
- Account settings

Access reports

- Access analyzer
- Archive rules
- Analyzers
- Settings
- Credential report
- Organization activity
- Service control policies (SCPs)

Introducing the new IAM dashboard experience

We've redesigned the IAM dashboard experience to make it easier to use. [Let us know what you think.](#)

IAM dashboard

Security recommendations

- Add MFA for root user**
Enable multi-factor authentication (MFA) for the root user to improve security for this account.
- Add MFA for yourself**
Add multi-factor authentication (MFA) for yourself to improve security for this account. [Add MFA](#)
- Your user, oguzhan, does not have any active access keys that have been unused for more than a year.**
Deactivating or deleting unused access keys improves security.

IAM resources

User groups	Users	Roles	Policies	Identity providers
0	1	3	0	0

What's new

Updates for features in IAM [View all](#)

IAM Access Analyzer helps you generate fine-grained policies that specify the required actions for more than 50 services.

AWS Account

- Account ID: 371553575031
- Account Alias: oguzhanselcuk [Edit | Delete](#)
- Sign-in URL: <https://oguzhanselcuk.siginn.aws.amazon.com/console>

Quick Links

- [My security credentials](#)
- Manage your access keys, multi-factor authentication (MFA) and other credentials.

Tools

- [Policy simulator](#)

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15:17 31.01.2022

8°C Kışmen güneşli

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Identity and Access Management (IAM)

Introducing the new Roles list experience
We've redesigned the Roles list experience to make it easier to use. [Let us know what you think.](#)

IAM > Roles

Roles (2) [Info](#)

An IAM role is an identity you can create that has specific permissions with credentials that are valid for short durations. Roles can be assumed by entities that you trust.

Search

137

Create role

<input type="checkbox"/>	Role name	Trusted entities	Last activity
<input type="checkbox"/>	AWSServiceRoleForSupport	AWS Service: support (Service-Linked Role)	-
<input type="checkbox"/>	AWSServiceRoleForTrustedAdvisor	AWS Service: trustedadvisor (Service-Linked Role)	-

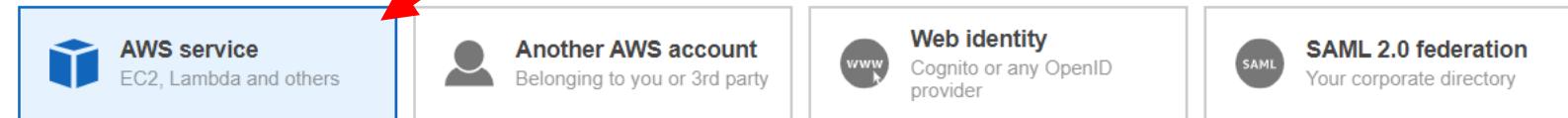
Default olarak tanımlı roller

Create role

1 2 3 4

Select type of trusted entity

138 % 99 ihtimalle bunu seçeceğiz.



Allows AWS services to perform actions on your behalf. [Learn more](#)

Choose a use case

Common use cases

139 → EC2

Allows EC2 instances to call AWS services on your behalf.

Lambda

Allows Lambda functions to call AWS services on your behalf.

Or select a service to view its use cases

API Gateway	CloudWatch Events	EKS	IoT SiteWise	RDS
AWS Backup	CloudWatch Evidently	EMR	IoT Things Graph	Redshift
AWS Chatbot	CloudWatch RUM	EMR Containers	KMS	Rekognition
AWS Marketplace	CodeBuild	ElastiCache	Kinesis	RoboMaker

* Required

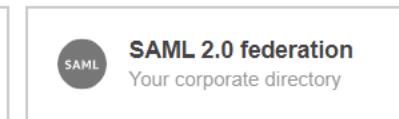
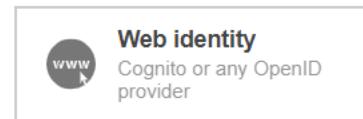
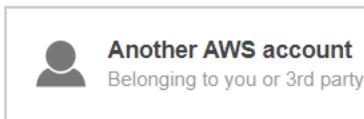
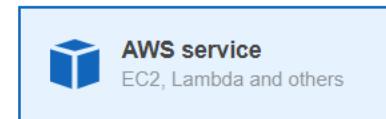
Cancel

Next: Permissions 140

Create role

1 2 3 4

Select type of trusted entity



Allows AWS services to perform actions on your behalf. [Learn more](#)

Choose a use case

Common use cases

EC2

Allows EC2 instances to call AWS services on your behalf.

Lambda

Allows Lambda functions to call AWS services on your behalf.

Or select a service to view its use cases

API Gateway

CloudWatch Events

EKS

IoT SiteWise

RDS

EC2'yu seçtim ve aktif hale geldi.

'Next: Permissions' butonuna tıkla

AWS Backup

CloudWatch Evidently

EMR

IoT Things Graph

Redshift

AWS Chatbot

CloudWatch RUM

EMR Containers

KMS

Rekognition

AWS Marketplace

CodeBuild

ElastiCache

Kinesis

RoboMaker

* Required

Cancel

Next: Permissions

140

IAM Management Console

console.aws.amazon.com/iam/home#/roles\$step=permissions&commonUseCase=EC2%2BEC2&selectedUseCase=EC2

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

Global oguzhan @ oguzhanselcuk

EC2 IAM

Create role

1 2 3 4

▼ Attach permissions policies

Choose one or more policies to attach to your new role.

Create policy

Filter policies ▾ S3 141 ← S3 yazdır

Showing 9 results

	Policy name	Used as
<input type="checkbox"/>	AmazonDMSRedshiftS3Role	None
<input checked="" type="checkbox"/>	AmazonS3FullAccess	None
<input type="checkbox"/>	AmazonS3ObjectLambdaExecutionRolePolicy	None
<input type="checkbox"/>	AmazonS3OutpostsFullAccess	None
<input type="checkbox"/>	AmazonS3OutpostsReadOnlyAccess	None
<input type="checkbox"/>	AmazonS3ReadOnlyAccess	None
<input type="checkbox"/>	IVSRecordToS3	None
<input type="checkbox"/>	QuickSightAccessForS3StorageManagementAnalyticsReadOnly	None

142 → S3 Full Access veriyoruz.

143 → Next: Tags

Set permissions boundary

* Required

Cancel Previous Next: Tags

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Aramak için buraya yazın

8°C Kışmen güneşli 16:11 31.01.2022

IAM Management Console

console.aws.amazon.com/iam/home#/roles\$step=tags&commonUseCase=EC2%2BEC2&selectedUseCase=EC2&policies=arn:aws:iam::aws:policy%2FAmazonS3FullAccess

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

Global oguzhan @ oguzhanselcuk

EC2 IAM

Create role

1 2 3 4

Add tags (optional)

IAM tags are key-value pairs you can add to your role. Tags can include user information, such as an email address, or can be descriptive, such as a job title. You can use the tags to organize, track, or control access for this role. [Learn more](#)

Key	Value (optional)	Remove
<input type="text" value="Add new key"/>		

You can add 50 more tags.

Bu örnekte tag kullanmıyoruz.

144

Cancel Previous Next: Review

IAM Management Console

console.aws.amazon.com/iam/home#/roles\$step=review&commonUseCase=EC2%2BEC2&selectedUseCase=EC2&policies=arn:aws:iam::aws:policy%2FAmazonS3FullAccess

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EC2 IAM

Create role

1 2 3 4

Review

Provide the required information below and review this role before you create it.

Role name*

s3.first

145

'Role'e isim veriyoruz.'

Use alphanumeric and '+=-,.@-_ ' characters. Maximum 64 characters.

Role description

Allows EC2 instances to call AWS services on your behalf.

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

Trusted entities AWS service: ec2.amazonaws.com

Policies

AmazonS3FullAccess

Permissions boundary Permissions boundary is not set

No tags were added.

146

* Required

Cancel

Previous

Create role

IAM Management Console

console.aws.amazon.com/iamv2/home#/roles

Services | EC2 | IAM

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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

Credential report

Organization activity

Service control policies (SCPs)

Introducing the new Roles list experience
We've redesigned the Roles list experience to make it easier to use. [Let us know what you think.](#)

The role s3.first has been created.

147 EC2 konsoluna geçiyoruz.

IAM > Roles

Roles (3) Info

An IAM role is an identity you can create that has specific permissions with credentials that are valid for short durations. Roles can be assumed by entities that you trust.

Search

<input type="checkbox"/>	Role name	Trusted entities	Last activity
<input type="checkbox"/>	AWSServiceRoleForSupport	AWS Service: support (Service-Linked Role)	-
<input type="checkbox"/>	AWSServiceRoleForTrustedAdvisor	AWS Service: trustedadvisor (Service-Linked Role)	-
<input type="checkbox"/>	s3.first	AWS Service: ec2	-

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16:27 8°C Bulutlu 31.01.2022

Instances | EC2 Management Cor + ▼ ▲

← → ⌂ lock console.aws.amazon.com/ec2/v2/home?region=us-east-1#Instances:

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

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EC2 IAM

New EC2 Experience Tell us what you think

EC2 Dashboard
EC2 Global View
Events
Tags
Limits
Instances
Instances New
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances New
Dedicated Hosts
Scheduled Instances
Capacity Reservations
Images
AMIs New
AMI Catalog

Instances Info C Connect Instance state Actions Launch instances ▼

Search

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 DNS
You do not have any instances in this region							

148

Bu aşamada iki instance oluşturacağız. İlk instance'ımızı 'role' tanımlamadan oluşturacağız.

Select an instance X

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Windows 8°C Bulutlu

You've been invited to try an early, beta iteration of the new launch instance wizard. We will continue to improve the experience over the next few months. We're asking customers for their feedback on this early release. To exit the new launch instance wizard at any time, choose the **Cancel** button.

Try it now!

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

Step 1: Choose an Amazon Machine Image (AMI)

[Cancel and Exit](#)

An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch your instance. You can select an AMI provided by AWS, our user community, or the AWS Marketplace; or you can select one of your own AMIs.

Search for an AMI by entering a search term e.g. "Windows"

Search by Systems Manager parameter

149

1 to 45 of 45 AMIs

[Select](#)

Quick Start

My AMIs



Amazon Linux 2 AMI (HVM) - Kernel 5.10, SSD Volume Type - ami-0a8b4cd432b1c3063 (64-bit x86) / ami-0b6705f88b1f688c1 (64-bit Arm)

AWS Marketplace

Amazon Linux

Free tier eligible

Amazon Linux 2 comes with five years support. It provides Linux kernel 5.10 tuned for optimal performance on Amazon EC2, systemd 219, GCC 7.3, Glibc 2.26, Binutils 2.29.1, and the latest software packages through extras. This AMI is the successor of the Amazon Linux AMI that is now under maintenance only mode and has been removed from this wizard.

64-bit (x86)

64-bit (Arm)

Community AMIs

Free tier only



Amazon Linux 2 AMI (HVM) - Kernel 4.14, SSD Volume Type - ami-01893222c83843146 (64-bit x86) / ami-0f6ef8dcbf23a4dc1 (64-bit Arm)

[Select](#)

Amazon Linux

Free tier eligible

Amazon Linux 2 comes with five years support. It provides Linux kernel 4.14 tuned for optimal performance on Amazon EC2, systemd 219, GCC 7.3, Glibc 2.26, Binutils 2.29.1, and the latest software packages through extras. This AMI is the successor of the Amazon Linux AMI that is now under maintenance only mode and has been removed from this wizard.

64-bit (x86)

64-bit (Arm)

Launch instance wizard | EC2 +

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

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

EC2 IAM

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, storage, and networking capacity, and give you the flexibility to choose the appropriate mix of resources for your applications. [Learn more](#) about instance types and how they can meet your computing needs.

Filter by: All instance families ▾ Current generation ▾ Show/Hide Columns

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	Network Performance	IPv6 Support
<input type="checkbox"/>	t2	t2.nano	1	0.5	EBS only	-	Low to Moderate	Yes
<input checked="" type="checkbox"/>	t2	t2.micro Free tier eligible	1	1	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	t2	t2.small	1	2	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	t2	t2.medium	2	4	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	t2	t2.large	2	8	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	t2	t2.xlarge	4	16	EBS only	-	Moderate	150
<input type="checkbox"/>	t2	t2.2xlarge	8	32	EBS only	-	Moderate	Yes
<input type="checkbox"/>	t3	t3.nano	2	0.5	EBS only	Yes	Up to 5 Gigaabit	Yes

Cancel **Previous** **Review and Launch** **Next: Configure Instance Details**

Launch instance wizard | EC2 Mai +

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

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EC2 IAM

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

Additional charges apply.

Credit specification Unlimited Additional charges may apply

File systems Add file system Create new file system

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 As file Input is already base64 encoded

```
#!/bin/bash
yum update -y
yum install -y httpd
cd /var/www/html
aws s3 cp s3://osvaldo-pipeline-production/index.html .
aws s3 cp s3://osvaldo-pipeline-production/cat.jpg .
systemctl enable httpd
systemctl start httpd
```

151

152

'user data' kısmına kod blogumuzu yapıştıryoruz.

Cancel Previous Review and Launch Next: Add Storage

Launch instance wizard | EC2 +

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

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EC2 IAM

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

Step 4: Add Storage

Your instance will be launched with the following storage device settings. You can attach additional EBS volumes and instance store volumes to your instance, or edit the settings of the root volume. You can also attach additional EBS volumes after launching an instance, but not instance store volumes. [Learn more](#) about storage options in Amazon EC2.

Volume Type	Device	Snapshot	Size (GiB)	Volume Type	IOPS	Throughput (MB/s)	Delete on Termination	Encryption
Root	/dev/xvda	snap-048614bf16fd1872d	8	General Purpose SSD (gp2)	100 / 3000	N/A	<input checked="" type="checkbox"/>	Not Encrypted

Add New Volume

Free tier eligible customers can get up to 30 GB of EBS General Purpose (SSD) or Magnetic storage. [Learn more](#) about free usage tier eligibility and usage restrictions.

▼ Shared file systems

You currently don't have any file systems on this instance. Select "Add file system" button below to add a file system.

Add file system

153

Cancel Previous Review and Launch Next: Add Tags

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16:59 31.01.2022

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EC2 IAM

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

Step 5: Add Tags

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
This resource currently has no tags						

Choose the Add tag button or [click to add a Name tag](#).
Make sure your [IAM policy](#) includes permissions to create tags.

Add Tag (Up to 50 tags maximum) **154**

Cancel Previous Review and Launch Next: Configure Security Group

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EC2 IAM

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

Step 5: Add Tags

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 <small>i</small>	Volumes <small>i</small>	Network Interfaces <small>i</small>
Name	roleyok	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Add another tag (Up to 50 tags maximum)				

155 156 157

Cancel Previous Review and Launch Next: Configure Security Group

Launch instance wizard | EC2 +

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

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EC2 IAM

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

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 158 internetten yayım yapacağız o yüzden SSH 22 ve HHTP 80 portları aktif olan bir 'security group' seçmemiz gerekiyor.

Security Group ID	Name	Description	Actions
sg-0114b9b04a5a8d2f8	aa.first	aa.first	Copy to new
sg-03e6981331d959fb7	aa.selcuk	aa.selcuk	Copy to new
sg-0d19e292d4758574e	cfn-sec-group	cfn-sec-group	Copy to new
sg-0a846fef23b67239a	default	default VPC security group	Copy to new
sg-00bc9304d0f9a33f1	launch-wizard-1	launch-wizard-1 created 2022-01-22T10:56:21.404+03:00	Copy to new
sg-0da1e153fc8ae4ea2	MyFirstSecGroup	launch-wizard-1 created 2022-01-19T23:20:31.910+03:00	Copy to new

Inbound rules for sg-00bc9304d0f9a33f1 (Selected security groups: sg-00bc9304d0f9a33f1)

Type i	Protocol i	Port Range i	Source i	Description i
HTTP	TCP	80	0.0.0.0/0	
SSH	TCP	22	0.0.0.0/0	

160

Cancel Previous Review and Launch

Launch instance wizard | EC2 Mail +

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

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EC2 IAM

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

Step 7: Review Instance Launch

Please review your instance launch details. You can go back to edit changes for each section. Click **Launch** to assign a key pair to your instance and complete the launch process.

⚠ Improve your instances' security. Your security group, launch-wizard-1, is open to the world.

Your instances may be accessible from any IP address. We recommend that you update your security group rules to allow access from known IP addresses only.
You can also open additional ports in your security group to facilitate access to the application or service you're running, e.g., HTTP (80) for web servers. [Edit security groups](#)

AMI Details Edit AMI

Amazon Linux 2 AMI (HVM) - Kernel 5.10, SSD Volume Type - ami-0a8b4cd432b1c3063

Free tier eligible Amazon Linux 2 comes with five years support. It provides Linux kernel 5.10 tuned for optimal performance on Amazon EC2, systemd 219, GCC 7.3, Glibc 2.26, Binutils 2.29.1, and the latest software packages through extras. This AMI is the successor of the Amazon Linux AMI that is n...
Root Device Type: ebs Virtualization type: hvm

Instance Type Edit instance type

Instance Type	ECUs	vCPUs	Memory (GiB)	Instance Storage (GB)	EBS-Optimized Available	Network Performance
t2.micro	-	1	1	EBS only	-	Low to Moderate

Security Groups Edit security groups 161

Cancel Previous Launch

Launch instance wizard | EC2 Mail +

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

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EC2 IAM

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

Step 7: Review Instance Launch

Please review your instance launch details. You can go back to edit changes for each section. Click **Launch** to assign a key pair to your instance and complete the launch process.

⚠ Improve your instances' security. Your selected security group allows traffic from any IP address.

Your instances may be accessible from any IP address. You can also open additional ports in your security group.

AMI Details

Amazon Linux 2 AMI (HVM) - Kernel 5.10, 64-bit
Free tier eligible

Amazon Linux 2 comes with five years support. It provides the latest security patches and software extras. This AMI is the successor of the Amazon Linux 1 AMI.

Root Device Type: ebs Virtualization type: hvm

Instance Type

164

Instance Type	ECUs	vCPUs	Memory (GiB)
t2.micro	-	1	1

Security Groups

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](#).

Choose an existing key pair 162

Select a key pair firstkey | RSA 163

I acknowledge that I have access to the corresponding private key file, and that without this file, I won't be able to log into my instance. 165

Cancel Launch Instances

Cancel Previous Launch

Launch instance wizard | EC2 Mail +

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

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EC2 IAM

Launch Status

The following instance launches have been initiated: i-05e3cub49d28d14ba [View launch log](#)

i Get notified of estimated charges
Create billing alerts to get an email notification when estimated charges on your AWS bill exceed an amount you define (for example, if you exceed the free usage tier).

How to connect to your instances

Your instances are launching, and it may take a few minutes until they are in the **running** state, when they will be ready for you to use. Usage hours on your new instances will start immediately and continue to accrue until you stop or terminate your instances.

Click **View Instances** to monitor your instances' status. Once your instances are in the **running** state, you can **connect** to them from the Instances screen. [Find out](#) how to connect to your instances.

Here are some helpful resources to get you started

- [How to connect to your Linux instance](#)
- [Amazon EC2: User Guide](#)
- [Learn about AWS Free Usage Tier](#)
- [Amazon EC2: Discussion Forum](#)

While your instances are launching you can also

- [Create status check alarms](#) to be notified when these instances fail status checks. (Additional charges may apply)
- [Create and attach additional EBS volumes](#) (Additional charges may apply)
- [Manage security groups](#)

166



View Instances

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17:20 31.01.2022

Instances | EC2 Management Con +

← → ⌂ console.aws.amazon.com/ec2/v2/home?region=us-east-1#Instances:

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EC2 IAM

New EC2 Experience Tell us what you think X

EC2 Dashboard

EC2 Global View

Events

Tags

Limits

▼ Instances

Instances New

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances New

Dedicated Hosts

Scheduled Instances

Capacity Reservations

▼ Images

AMIs New

AMI Catalog

Instances (1) Info

C Connect Instance state Actions Launch instances

Search

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 DNS
roleyok	i-05e3c0649d28b146a	Running	t2.micro	2/2 checks passed	No alarms	us-east-1e	ec2-52-91-182-5

167

Şimdi ikinci instance'ımızı oluşturacağız. Bu defa ilkinden farklı olarak 'role' tanımlayacağız.

Select an instance

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Aramak için buraya yazın

17:23 31.01.2022

You've been invited to try an early, beta iteration of the new launch instance wizard. We will continue to improve the experience over the next few months. We're asking customers for their feedback on this early release. To exit the new launch instance wizard at any time, choose the **Cancel** button.

Try it now!

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

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[Cancel and Exit](#)

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Search for an AMI by entering a search term e.g. "Windows"

Search by Systems Manager parameter

168

1 to 45 of 45 AMIs

Quick Start

My AMIs



Amazon Linux 2 AMI (HVM) - Kernel 5.10, SSD Volume Type - ami-0a8b4cd432b1c3063 (64-bit x86) / ami-0b6705f88b1f688c1 (64-bit Arm)

Select

AWS Marketplace

Amazon Linux

Free tier eligible

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64-bit (x86)
 64-bit (Arm)

Community AMIs

Free tier only



Amazon Linux 2 AMI (HVM) - Kernel 4.14, SSD Volume Type - ami-01893222c83843146 (64-bit x86) / ami-0f6ef8dcfb23a4dc1 (64-bit Arm)

Select

Amazon Linux

Free tier eligible

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64-bit (x86)
 64-bit (Arm)

Launch instance wizard | EC2 +

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

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N. Virginia N. Virginia oguzhan @ oguzhanselcuk

EC2 IAM

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

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Filter by: All instance families Current generation Show/Hide Columns

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	Network Performance	IPv6 Support
<input type="checkbox"/>	t2	t2.nano	1	0.5	EBS only	-	Low to Moderate	Yes
<input checked="" type="checkbox"/>	t2	t2.micro Free tier eligible	1	1	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	t2	t2.small	1	2	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	t2	t2.medium	2	4	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	t2	t2.large	2	8	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	t2	t2.xlarge	4	16	EBS only	-	Moderate	Yes
<input type="checkbox"/>	t2	t2.2xlarge	8	32	EBS only	-	Moderate	Yes
<input type="checkbox"/>	t3	t3.nano	2	0.5	EBS only	Yes	Up to 5 Gigaabit	Yes

169 

Cancel Previous **Review and Launch** Next: Configure Instance Details

Launch instance wizard | EC2 Mai x +

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

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EC2 IAM

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

Placement group Add instance to placement group

Capacity Reservation Open

Domain join directory No directory Create new directory

IAM role None Create new IAM role 

170 Drop down menüye tıkla ve az önce oluşturduğumuz 's3.first' rolünü seç

Shutdown behavior Stop

Stop - Hibernate behavior Enable hibernation as an additional stop behavior

Enable termination protection Protect against accidental termination

Monitoring Enable CloudWatch detailed monitoring
Additional charges apply.

Tenancy Shared - Run a shared hardware instance
Additional charges will apply for dedicated tenancy.

Elastic Inference Add an Elastic Inference accelerator
Additional charges apply.

Credit specification Unlimited
Additional charges may apply

Cancel Previous Review and Launch Next: Add Storage

Launch instance wizard | EC2 Mai +

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EC2 IAM

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

Placement group Add instance to placement group

Capacity Reservation Open

Domain join directory No directory Create new directory

IAM role s3.first Create new IAM role

IAM role s3.first (circled)

Shutdown behavior Stop

Stop - Hibernate behavior Enable hibernation as an additional stop behavior

Enable termination protection Protect against accidental termination

Monitoring Enable CloudWatch detailed monitoring
Additional charges apply.

Tenancy Shared - Run a shared hardware instance
Additional charges will apply for dedicated tenancy.

Elastic Inference Add an Elastic Inference accelerator
Additional charges apply.

Credit specification Unlimited
Additional charges may apply

Cancel Previous Review and Launch Next: Add Storage

Launch instance wizard | EC2 Ma +

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

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

N. Virginia N. Virginia oguzhan @ oguzhanselcuk

EC2 IAM

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

Add file system Create new file system

Advanced Details

Enclave Enable

Metadata accessible Enabled

Metadata version V1 and V2 (token optional)

Metadata token response hop limit 1

Allow tags in metadata Enabled

Allow tags in metadata enabled

Any instance tags that you add will be available via instance metadata. To prevent this, under **Advanced details**, choose **Disable** from **Allow tags in metadata**.

User data As text As file Input is already base64 encoded

```
#!/bin/bash
yum update -y
yum install -y httpd
cd /var/www/html
aws s3 cp s3://osvaldo-pipeline-production/index.html .
```

172

173

'user data' kısmına kod blogumuzu yapıştıryoruz.

Cancel Previous Review and Launch Next: Add Storage

Launch instance wizard | EC2 Mail +

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

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EC2 IAM

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

Step 4: Add Storage

Your instance will be launched with the following storage device settings. You can attach additional EBS volumes and instance store volumes to your instance, or edit the settings of the root volume. You can also attach additional EBS volumes after launching an instance, but not instance store volumes. [Learn more](#) about storage options in Amazon EC2.

Volume Type	Device	Snapshot	Size (GiB)	Volume Type	IOPS	Throughput (MB/s)	Delete on Termination	Encryption
Root	/dev/xvda	snap-048614bf16fd1872d	8	General Purpose SSD (gp2)	100 / 3000	N/A	<input checked="" type="checkbox"/>	Not Encrypted

Add New Volume

Free tier eligible customers can get up to 30 GB of EBS General Purpose (SSD) or Magnetic storage. [Learn more](#) about free usage tier eligibility and usage restrictions.

▼ Shared file systems

You currently don't have any file systems on this instance. Select "Add file system" button below to add a file system.

Add file system

174

Cancel Previous Review and Launch Next: Add Tags

Step 5: Add Tags

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	i	Volumes	i	Network Interfaces	i
-----	--------------------------	-------	--------------------------	-----------	---	---------	---	--------------------	---

This resource currently has no tags

Choose the Add tag button or [click](#) to add a Name tag.

Make sure your [IAM policy](#) includes permissions to create tags.

Add Tag

(Up to 50 tags maximum)

175

Cancel

Previous

Review and Launch

Next: Configure Security Group

Launch instance wizard | EC2 Mai x +

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

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EC2 IAM

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

Step 5: Add Tags

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 <small>i</small>	Volumes <small>i</small>	Network Interfaces <small>i</small>
Name	rolevar	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Add another tag (Up to 50 tags maximum)				

176

177

178

Cancel Previous Review and Launch Next: Configure Security Group

Launch instance wizard | EC2 +

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

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EC2 IAM

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

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 179 internetten yayım yapacağız o yüzden SSH 22 ve HHTP 80 portları aktif olan bir 'security group' seçmemiz gerekiyor.

Security Group ID	Name	Description	Actions
sg-0114b9b04a5a8d2f8	aa.first	aa.first	Copy to new
sg-03e6981331d959fb7	aa.selcuk	aa.selcuk	Copy to new
sg-0d19e292d4758574e	cfn-sec-group	cfn-sec-group	Copy to new
sg-0a846fef23b67239a	default	default VPC security group	Copy to new
sg-00bc9304d0f9a33f1	launch-wizard-1	launch-wizard-1 created 2022-01-22T10:56:21.404+03:00	Copy to new
sg-0da1e153fc8ae4ea2	MyFirstSecGroup	launch-wizard-1 created 2022-01-19T23:20:31.910+03:00	Copy to new

Inbound rules for sg-00bc9304d0f9a33f1 (Selected security groups: sg-00bc9304d0f9a33f1)

Type i	Protocol i	Port Range i	Source i	Description i
HTTP	TCP	80	0.0.0.0/0	
SSH	TCP	22	0.0.0.0/0	

180

181

Cancel Previous Review and Launch

Launch instance wizard | EC2 Mail +

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

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EC2 IAM

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

Step 7: Review Instance Launch

Please review your instance launch details. You can go back to edit changes for each section. Click **Launch** to assign a key pair to your instance and complete the launch process.

⚠ Improve your instances' security. Your security group, launch-wizard-1, is open to the world.

Your instances may be accessible from any IP address. We recommend that you update your security group rules to allow access from known IP addresses only.
You can also open additional ports in your security group to facilitate access to the application or service you're running, e.g., HTTP (80) for web servers. [Edit security groups](#)

AMI Details Edit AMI

Amazon Linux 2 AMI (HVM) - Kernel 5.10, SSD Volume Type - ami-0a8b4cd432b1c3063

Free tier eligible Amazon Linux 2 comes with five years support. It provides Linux kernel 5.10 tuned for optimal performance on Amazon EC2, systemd 219, GCC 7.3, Glibc 2.26, Binutils 2.29.1, and the latest software packages through extras. This AMI is the successor of the Amazon Linux AMI that is n...
Root Device Type: ebs Virtualization type: hvm

Instance Type Edit instance type

Instance Type	ECUs	vCPUs	Memory (GiB)	Instance Storage (GB)	EBS-Optimized Available	Network Performance
t2.micro	-	1	1	EBS only	-	Low to Moderate

Security Groups Edit security groups 182

Cancel Previous Launch

Launch instance wizard | EC2 Mail +

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

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

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EC2 IAM

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

Step 7: Review Instance Launch

Please review your instance launch details. You can go back to edit changes for each section. Click **Launch** to assign a key pair to your instance and complete the launch process.

⚠ Improve your instances' security. Your selected security group allows traffic from any IP address.

Your instances may be accessible from any IP address. You can also open additional ports in your security group.

AMI Details

Amazon Linux 2 AMI (HVM) - Kernel 5.10, 64-bit
Free tier eligible

Amazon Linux 2 comes with five years support. It provides the latest security patches and software extras. This AMI is the successor of the Amazon Linux 1 AMI.

Root Device Type: ebs Virtualization type: hvm

Instance Type

185

Instance Type	ECUs	vCPUs	Memory (GiB)
t2.micro	-	1	1

Security Groups

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](#).

Choose an existing key pair 183

Select a key pair firstkey | RSA 184

I acknowledge that I have access to the corresponding private key file, and that without this file, I won't be able to log into my instance. 186

Cancel Launch Instances

Cancel Previous Launch

Launch instance wizard | EC2 Mail +

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

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EC2 IAM

Launch Status

The following instance launches have been initiated: i-02c41c7e077283d9d [View launch log](#)

i Get notified of estimated charges
Create billing alerts to get an email notification when estimated charges on your AWS bill exceed an amount you define (for example, if you exceed the free usage tier).

How to connect to your instances

Your instances are launching, and it may take a few minutes until they are in the **running** state, when they will be ready for you to use. Usage hours on your new instances will start immediately and continue to accrue until you stop or terminate your instances.

Click **View Instances** to monitor your instances' status. Once your instances are in the **running** state, you can **connect** to them from the Instances screen. [Find out](#) how to connect to your instances.

▼ Here are some helpful resources to get you started

- [How to connect to your Linux instance](#)
- [Amazon EC2: User Guide](#)
- [Learn about AWS Free Usage Tier](#)
- [Amazon EC2: Discussion Forum](#)

While your instances are launching you can also

- [Create status check alarms](#) to be notified when these instances fail status checks. (Additional charges may apply)
- [Create and attach additional EBS volumes](#) (Additional charges may apply)
- [Manage security groups](#)

187



View Instances

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17:49 31.01.2022

8°C Kışmen güneşli

Instances | EC2 Management Cor x +

← → ⌂ console.aws.amazon.com/ec2/v2/home?region=us-east-1#Instances:

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EC2 Dashboard

EC2 Global View

Events

Tags

Limits

Instances

Instances New

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances New

Dedicated Hosts

Scheduled Instances

Capacity Reservations

Images

AMIs New

AMI Catalog

Instances (2) Info

C Connect Instance state Actions Launch instances

Search

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 DNS
roleyok	i-05e3c0649d28b146a	Running	t2.micro	2/2 checks passed	No alarms	us-east-1e	ec2-52-91-182-5
rolevar	i-02c41c7e077283b9d	Running	t2.micro	Initializing	No alarms	us-east-1e	ec2-54-160-90-1

188 Role tanımlamadığımız instance'ın içine giriyoruz.

Select an instance

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17:50 31.01.2022

Instance details | EC2 Management

console.aws.amazon.com/ec2/v2/home?region=us-east-1#InstanceDetails:instanceId=i-05e3c0649d28b146a

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EC2 Dashboard

EC2 Global View

Events

Tags

Limits

Instances Instances New

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances New

Dedicated Hosts

Scheduled Instances

Capacity Reservations

Images AMIs New

AMI Catalog

Instance summary for i-05e3c0649d28b146a

Updated less than a minute ago

Instance ID: i-05e3c0649d28b146a (roleyok)

IPv6 address: -

Hostname type: IP name: ip-172-31-56-177.ec2.internal

Instance type: t2.micro

AWS Compute Optimizer finding: Opt-in to AWS Compute Optimizer for recommendations. | Learn more

Public IPv4 address: 52.91.182.58 | open address

Private IP4 addresses: 172.31.56.177

Public IPv4 DNS: ec2-52-91-182-58.compute-1.amazonaws.com | open address

Private IP DNS name (IPv4 only): ip-172-31-56-177.ec2.internal

Elastic IP addresses: -

IAM Role: -

VPC ID: vpc-0e08daa47b9876a07

Subnet ID: subnet-0ab4c2e3a7b4ba0a1

Details Security Networking Storage Status checks Monitoring Tags

Instance details Info

Platform AMI ID Monitoring

Feedback English (US) ▾

Aramak için buraya yazın

189 Public IP'sini kopyaliyoruz.

17:52 31.01.2022

Instance details | EC2 Management Test Page for the Apache HTTP Server

Güvenli değil | 52.91.182.58 **190** kopyaladığımız IP'yi browsera yapıştırıp ziyaret ettiğimizde 'test page' geldi.

Test Page

This page is used to test the proper operation of the Apache HTTP server after it has been installed. If you can read this page, it means that the Apache HTTP server installed at this site is working properly.

If you are a member of the general public:

The fact that you are seeing this page indicates that the website you just visited is either experiencing problems, or is undergoing routine maintenance.

If you would like to let the administrators of this website know that you've seen this page instead of the page you expected, you should send them e-mail. In general, mail sent to the name "webmaster" and directed to the website's domain should reach the appropriate person.

For example, if you experienced problems while visiting www.example.com, you should send e-mail to ["webmaster@example.com"](mailto:webmaster@example.com).

If you are the website administrator:

You may now add content to the directory `/var/www/html/`. Note that until you do so, people visiting your website will see this page, and not your content. To prevent this page from ever being used, follow the instructions in the file `/etc/httpd/conf.d/welcome.conf`.

You are free to use the image below on web sites powered by the Apache HTTP Server:



'test page' niye gelir? Çünkü '/var/www/html/' dosya dizini altında herhangi bir dosya yok. O yüzden şu an görüntülediğim 'test page' sayfası yüklandı. Şu an işlem yaptığımız EC2 instance'in S3'e erişim yetkisi yok. Çünkü ilk instance için 'S3FullAccess' rolünü tanımlamamıştık.

Şimdi de 'S3FullAccess' rolünü tanımladığımız EC2 instance için aynı işlemleri deneyelim



Aramak için buraya yazın



8°C Kışmen güneşli 17:54
31.01.2022

Instance details | EC2 Management Test Page for the Apache HTTP Server

console.aws.amazon.com/ec2/v2/home?region=us-east-1#InstanceDetails:instanceId=i-05e3c0649d28b146a

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EC2 IAM

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EC2 Instances i-05e3c0649d28b146a 191

Instance summary for i-05e3c0649d28b146a (roleyok) Info

Updated less than a minute ago

C Connect Instance state Actions

Instance ID: i-05e3c0649d28b146a (roleyok)

Public IPv4 address: 52.91.182.58 | open address

Private IPv4 addresses: 172.31.56.177

IPv6 address: -

Instance state: Running

Public IPv4 DNS: ec2-52-91-182-58.compute-1.amazonaws.com | open address

Private IP DNS name (IPv4 only): ip-172-31-56-177.ec2.internal

Answer private resource DNS name: IPv4 (A)

Instance type: t2.micro

Elastic IP addresses: -

VPC ID: vpc-0e08daa47b9876a07

Hostname type: IP name: ip-172-31-56-177.ec2.internal

IAM Role: -

Subnet ID: subnet-0ab4c2e3a7b4ba0a1

AWS Compute Optimizer finding: Opt-in to AWS Compute Optimizer for recommendations.

Details Security Networking Storage Status checks Monitoring Tags

Instance details Info

Platform AMI ID Monitoring

Feedback English (US) ▾

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18:01 31.01.2022

Instances | EC2 Management Con × Test Page for the Apache HTTP S × +

← → ⌂ console.aws.amazon.com/ec2/v2/home?region=us-east-1#Instances:

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EC2 Dashboard

EC2 Global View

Events

Tags

Limits

Instances

Instances New

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances New

Dedicated Hosts

Scheduled Instances

Capacity Reservations

Images

AMIs New

AMI Catalog

Instances (2) Info

Connect Instance state Actions Launch instances

Search

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 DNS
roleyok	i-05e3c0649d28b146a	Running	t2.micro	2/2 checks passed	No alarms	us-east-1e	ec2-52-91-182-5
rolevar	i-02c41c7e077283b9d	Running	t2.micro	2/2 checks passed	No alarms	us-east-1e	ec2-54-160-90-1

192 Role tanımladığımız instance'ın içine giriyoruz.

Select an instance

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Instance details | EC2 Management Test Page for the Apache HTTP Server

console.aws.amazon.com/ec2/v2/home?region=us-east-1#InstanceDetails:instanceId=i-02c41c7e077283b9d

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EC2 Dashboard

EC2 Global View

Events

Tags

Limits

Instances Instances New

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances New

Dedicated Hosts

Scheduled Instances

Capacity Reservations

Images AMIs New

AMI Catalog

Instance summary for i-02c41c7e077283b9d (rolevar)

Updated less than a minute ago

Public IPv4 address copied

Instance ID: i-02c41c7e077283b9d (rolevar)

IPv6 address: -

Hostname type: IP name: ip-172-31-51-145.ec2.internal

Instance type: t2.micro

AWS Compute Optimizer finding: Opt-in to AWS Compute Optimizer for recommendations. | Learn more

Public IP: 54.160.90.184 | open address

Private IP: 172.31.51.145

Public IPv4 DNS: ec2-54-160-90-184.compute-1.amazonaws.com | open address

Private IP DNS name (IPv4 only): ip-172-31-51-145.ec2.internal

Elastic IP addresses: -

IAM Role: s3.first

VPC ID: vpc-0e08daa47b9876a07

Subnet ID: subnet-0ab4c2e3a7b4ba0a1

Details Security Networking Storage Status checks Monitoring Tags

Instance details Info

Platform AMI ID Monitoring

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Aramak için buraya yazın

193 Public IP'sini kopyaliyoruz.

18:03 31.01.2022

IT Cat



Neden bu sayfa başarıyla yüklendi? Çünkü '/var/www/html/' dosya dizini altında 'index.html' ve 'cat.jpg' dosyaları var. O yüzden şu an görüntülediğim 'IT Cat' sayfası yüklandı. Şu an işlem yaptığımız EC2 instance'ın S3'e erişim yetkisi var. Çünkü ikinci sırada oluşturduğumuz ve 'rolevar' adını verdigimiz instance için 'S3FullAccess' rolünü tanımlamıştık.

Konu burda son buldu. Instance'larınızı terminate etmeyi unutmayın.

Instance details | EC2 Management Test Page for the Apache HTTP Server IT cat

console.aws.amazon.com/ec2/v2/home?region=us-east-1#InstanceDetails:instanceId=i-02c41c7e077283b9d

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EC2 IAM

New EC2 Experience Tell us what you think

EC2 Instances i-02c41c7e077283b9d

195

Instance summary for i-02c41c7e077283b9d (rolevar)

Updated less than a minute ago

Instance ID	i-02c41c7e077283b9d (rolevar)	Public IPv4 address	54.160.90.184 open address	Private IPv4 addresses	172.31.51.145
IPv6 address	-	Instance state	Running	Public IPv4 DNS	ec2-54-160-90-184.compute-1.amazonaws.com open address
Hostname type	IP name: ip-172-31-51-145.ec2.internal	Private IP DNS name (IPv4 only)	ip-172-31-51-145.ec2.internal	Answer private resource DNS name	IPv4 (A)
Instance type	t2.micro	Elastic IP addresses	-	VPC ID	vpc-0e08daa47b9876a07
AWS Compute Optimizer finding	Opt-in to AWS Compute Optimizer for recommendations.	IAM Role	s3.first	Subnet ID	subnet-0ab4c2e3a7b4ba0a1
Learn more					

Details Security Networking Storage Status checks Monitoring Tags

Instance details Info

Platform	AMI ID	Monitoring
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Aramak için buraya yazın

18:17 31.01.2022

8°C Kışmen güneşli

Instances | EC2 Management Cor x Test Page for the Apache HTTP Se x IT cat x +

← → ⌂ console.aws.amazon.com/ec2/v2/home?region=us-east-1#Instances:

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EC2 Dashboard

EC2 Global View

Events

Tags

Limits

Instances

Instances New

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances New

Dedicated Hosts

Scheduled Instances

Capacity Reservations

Images

AMIs New

AMI Catalog

Instances (2/2) Info

Search

Name Instance ID Instance state Instance type Status

Name	Instance ID	Instance state	Instance type	Status
roleyok	i-05e3c0649d28b146a	Running	t2.micro	2/2
rolevar	i-02c41c7e077283b9d	Running	t2.micro	2/2

Stop instance Start instance Reboot instance Hibernate instance Terminate instance

Availability Zone Public IPv4 DNS

Availability Zone	Public IPv4 DNS
us-east-1e	ec2-52-91-182-5
us-east-1e	ec2-54-160-90-1

196 İki instance'ı da seçiyorum.

197

198

Instances: i-05e3c0649d28b146a (roleyok), i-02c41c7e077283b9d (rolevar)

Monitoring

1h 3h 12h 1d 3d 1w Custom Add to dashboard

CPU utilization (%) Status check failed (any) (count) Status check failed (instance) ... Status check failed (system) ...

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18:19 31.01.2022

Instances | EC2 Management Cor x Test Page for the Apache HTTP S x IT cat x | +

← → ↻ 🔒 console.aws.amazon.com/ec2/v2/home?region=us-east-1#Instances:

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EC2 Dashboard

EC2 Global View

Events

Tags

Limits

Instances

Instances New

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances New

Dedicated Hosts

Scheduled Instances

Capacity Reservations

Images

AMIs New

AMI Catalog

Instances (2/2) Info

Search

Name Instance ID Instance state Instance type Status check Alarm status Availability Zone Public IPv4 DNS

roleyok	i-05e3c0649d28b146a	Running	t2.micro	Passing	Normal	us-east-1e	ec2-52-91-182-5
rolevar	i-02c41c7e077283b9d	Running	t2.micro	Passing	Normal	us-east-1e	ec2-54-160-90-1

Terminate instances?

⚠ On an EBS-backed instance, the default action is for the root EBS volume to be deleted when the instance is terminated. Storage on any local drives will be lost.

Are you sure you want to terminate these instances?

i-05e3c0649d28b146a (roleyok)

i-02c41c7e077283b9d (rolevar)

To confirm that you want to terminate the instances, choose the terminate button below. Terminating the instance cannot be undone.

Cancel Terminate

199

CPU utilization (%)

Percent

Status check failed (any) (Count)

Count

Status check failed (system) (Count)

Count

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Instances | EC2 Management Con × Test Page for the Apache HTTP Se × IT cat ×

← → ⌂ console.aws.amazon.com/ec2/v2/home?region=us-east-1#Instances:

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

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Instances (2) Info

Successfully terminated i-05e3c0649d28b146a,i-02c41c7e077283b9d

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Connect Instance state Actions Launch instances

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 DNS
roleyok	i-05e3c0649d28b146a	Terminated	t2.micro	-	No alarms	us-east-1e	-
rolevar	i-02c41c7e077283b9d	Terminated	t2.micro	-	No alarms	us-east-1e	-

Select an instance

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Oguzhan
Selcuk
Hiziroglu