[cdkworkshop.com](#)

cdkworkshop.com

Elad Ben-Israel

2 minutes

AWS Account for Experimentation

To deploy our app, you'll need access to an AWS account. If you already have an account and your system is configured with credentials of an administrator user, you can [move to the next step](#).

If you are using an existing account, either personal or a company account, make sure you understand the implications and policy of provisioning resources into this account.

If you don't have an AWS account, you can [create a free account here](#).

Administrator User

2. Sign in to your AWS account

3. Go to the AWS IAM console and [create a new user](#).

4. Type a name for your user (e.g. `cdk-workshop`) and choose "Programmatic access".

Set user details

You can add multiple users at once with the same access type and permissions. Learn more

User name* cdk-workshop

⊕ Add another user

Select AWS access type

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

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

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

5. Click **Next: Permissions** to continue to the next step.

6. Click **Attach existing policies directly** and choose **AdministratorAccess**.

▾ Set permissions

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

Create policy

Filter policies ⌄   🔍 Search
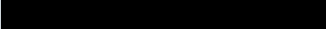
		Policy name ▾	Type	Used as	Description
☑	▸	🛡 AdministratorAccess	Job function	Permissions policy (2)	Provides full acc
☐	▸	🛡 AlexaForBusinessD...	AWS managed	None	Provide device s
☐	▸	🛡 AlexaForBusinessF...	AWS managed	None	Grants full acces

7. Click **Next: Review**

8. Click **Create User**

9. In the next screen, you'll see your **Access key ID** and you will have the option to click **Show** to show the **Secret access key**. Keep this browser window open.

✓ **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://benisrae.signin.aws.amazon.com/console

⬇ Download .csv

		User	Access key ID	Secret access key
▶	✓	cdk-workshop	████████████	████████████

Configure your credentials

Open a terminal window and use `aws configure` to set up your environment. Type the **access key ID** and **secret key** and choose a default region (you can use `us-east-1`, `eu-west-1`, `us-west-2` for example). Preferably use a region that doesn't have any resources already deployed into it.

```
aws configure
```

And fill in the information from the console:

```
AWS Access Key ID [None]: <type key ID here>
AWS Secret Access Key [None]: <type access key>
Default region name [None]: <choose region (e.g. "us-east-1", "eu-west-1")>
Default output format [None]: <leave blank>
```