



1.  
Create your IBM Cloud account

2.  
Create credentials for text projects

3.  
Create credentials for images projects

4.  
Billing



Welcome to IBM Cloud, the home of 170+ unique services. Start building immediately.

Log in

Create a free account

Learn more:

[Pricing](#) [Catalog](#) [Docs](#) [Support](#) [Status](#)

Follow us on



Go to <https://console.bluemix.net>

Click on 'Create a free account'

Chrome File Edit View History Bookmarks People Window Help

100% 26 Nov 13:36

Sign up for IBM Cloud

Secure | https://console.bluemix.net/registration/?target=%2Fdashboard%2Fapps

IBM Cloud

Sign up for an IBMid and create your IBM Cloud account

Build on IBM Cloud for free with no time restrictions

**Guaranteed free development with Lite plans**

Develop worry-free and at no cost with cap based Lite plan services for as long as you like.

**Start on your projects right away**

Skip entering your credit card info and get working in just a few short steps.

**Get \$200 to do more on our platform.**

Use the credit to try new services or scale your projects. Offer is available for 1 month after upgrade, for platform services only.

Ready to get started? Sign up today!

1. Create your IBM Cloud account

2. Create credentials for text projects

3. Create credentials for images projects

4. Billing

Already have an IBM Cloud account? [Log in](#)

Email\*

First Name\*

Last Name\*

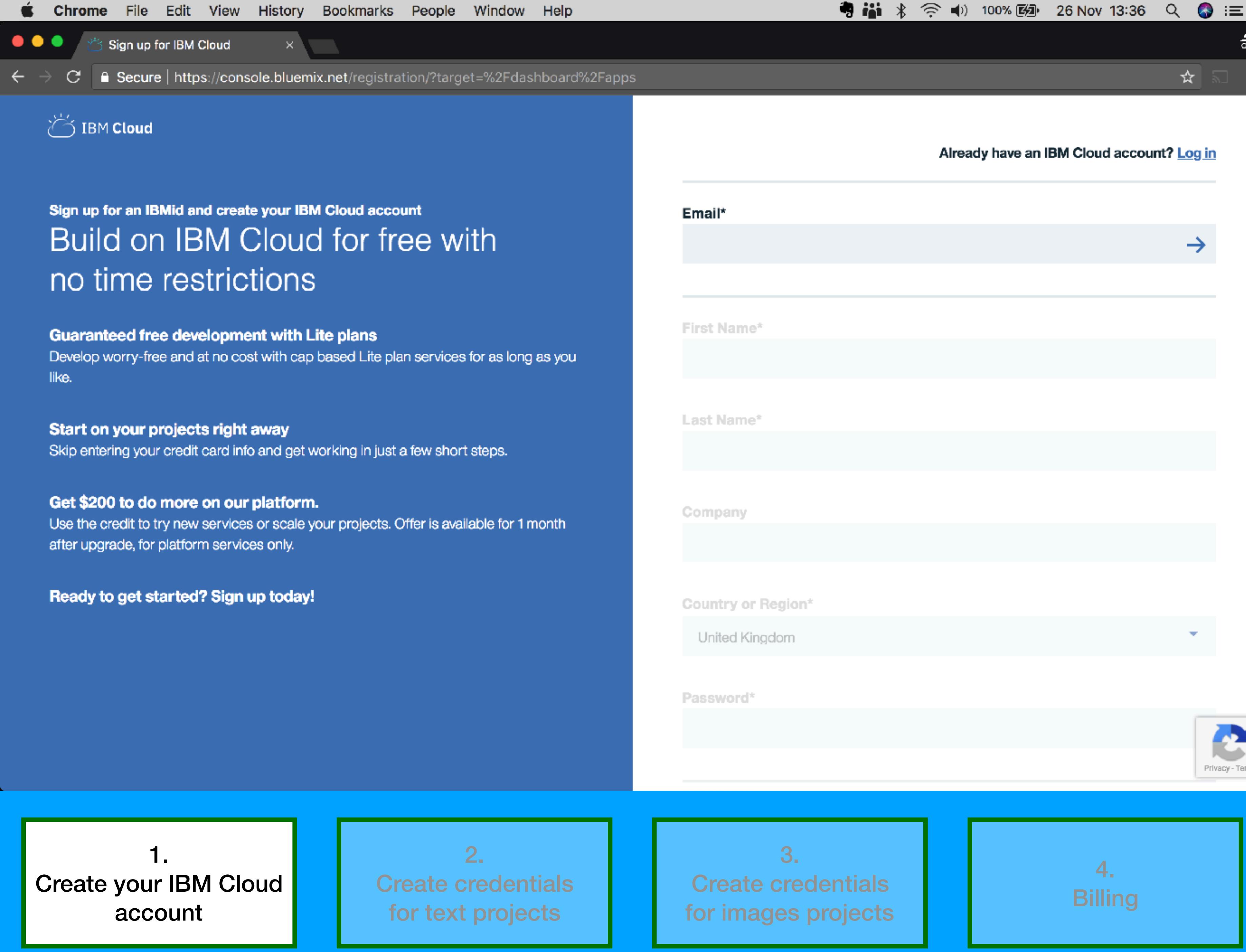
Company

Country or Region\*

United Kingdom

Password\*

Privacy - Terms



Sign up for a free account at  
“IBM Cloud”

Chrome File Edit View History Bookmarks People Window Help

100% 26 Nov 13:37

Sign up for IBM Cloud

Secure | https://console.bluemix.net/registration/?target=%2Fdashboard%2Fapps

IBM Cloud

Sign up for an IBMid and create your IBM Cloud account

Build on IBM Cloud for free with no time restrictions

Guaranteed free development with Lite plans

Develop worry-free and at no cost with cap based Lite plan services for as long as you like.

Start on your projects right away

Skip entering your credit card info and get working in just a few short steps.

Get \$200 to do more on our platform.

Use the credit to try new services or scale your projects. Offer is available for 1 month after upgrade, for platform services only.

Ready to get started? Sign up today!

1. Create your IBM Cloud account

2. Create credentials for text projects

3. Create credentials for images projects

4. Billing

Already have an IBM Cloud account? [Log in](#)

Email\* mlforkids.demo.teacher@gmail.com

First Name\* Demo

Last Name\* Teacher

Company

Country or Region\* United Kingdom

Password\* Enter a password.

Privacy - Terms

Fill in your contact details

Chrome File Edit View History Bookmarks People Window Help

100% 26 Nov 13:37

Sign up for IBM Cloud

Secure | https://console.bluemix.net/registration/?target=%2Fdashboard%2Fapps

Last Name\*

Teacher

Company

Country or Region\*

United Kingdom

Password\*

.....

Keep me informed of products, services, and offerings from IBM companies worldwide.

Please keep me informed by email of products, services and offerings from IBM companies worldwide.

By clicking Create Account, I accept the [IBM Cloud privacy policy](#) and [IBM Cloud terms](#).

Create Account

Privacy - Terms

Fill in your contact details

Sign up for an IBMid and create your IBM Cloud account

Build on IBM Cloud for free with no time restrictions

Guaranteed free development with Lite plans

Develop worry-free and at no cost with cap based Lite plan services for as long as you like.

Start on your projects right away

Skip entering your credit card info and get working in just a few short steps.

Get \$200 to do more on our platform.

Use the credit to try new services or scale your projects. Offer is available for 1 month after upgrade, for platform services only.

Ready to get started? Sign up today!

1.  
Create your IBM Cloud account

2.  
Create credentials for text projects

3.  
Create credentials for images projects

4.  
Billing

Chrome File Edit View History Bookmarks People Window Help

100% 26 Nov 13:38

Sign up for IBM Cloud

Secure | https://console.bluemix.net/registration/?target=%2Fdashboard%2Fapps

Teacher

Company

Sign up for an IBMid and create your IBM Cloud account

# Build on IBM Cloud for free no time restrictions

Guaranteed free development with Lite plans

Develop worry-free and at no cost with cap based Lite plan service like.

Start on your projects right away

Skip entering your credit card info and get working in just a few

Get \$200 on us to try paid services

Ease into cloud pricing or try something new with \$200 in credit upon upgrade.

Ready to get started? Sign up today!

Select all squares with **street signs**  
If there are none, click skip

C SKIP

ducts, services, and offerings from IBM companies worldwide.

phone

I accept the [IBM Cloud privacy policy](#) and [IBM Cloud](#)

Privacy - Terms

You might be asked to prove that you are a human!

1.  
Create your IBM Cloud account

2.  
Create credentials for text projects

3.  
Create credentials for images projects

4.  
Billing

Chrome File Edit View History Bookmarks People Window Help

100% 26 Nov 13:38

Sign up for IBM Cloud

Secure | https://console.bluemix.net/registration/trial/success?uid=7c66686ec3f994c54309e4c950a5c895

You've signed up.

Wait for the confirmation email.

 IBM Cloud

**Thanks!**

To complete your registration, check your email.

Can't find the email? [Resend](#)

1. Create your IBM Cloud account

2. Create credentials for text projects

3. Create credentials for images projects

4. Billing

Chrome File Edit View History Bookmarks People Window Help

100% 26 Nov 13:38

Inbox (1) - mlforkids.demo.team

Secure | https://mail.google.com/mail/?tab=wm#inbox

Google

Gmail

COMPOSE

Inbox (1)

Starred

Sent Mail

Drafts

More

Primary Social Promotions

The Bluemix Team new Action required: Confirm your IBM Cloud account - Hello Demo, Thank you for signing up for IBM Cloud! Confirm 1:38 pm

0 GB (0%) of 15 GB used Manage

Terms - Privacy

No recent chats Start a new one

1. Create your IBM Cloud account

2. Create credentials for text projects

3. Create credentials for images projects

4. Billing

Your email should arrive within a minute.

Chrome File Edit View History Bookmarks People Window Help

100% 26 Nov 13:38

Action required: Confirm your IBM Cloud account

Secure | https://mail.google.com/mail/?tab=wm#inbox/15ff88ceec59cb25

Google

Gmail

Compose

Inbox

Starred

Sent Mail

Drafts

More

D Demo +

No recent chats

Start a new one

1 of 1

Action required: Confirm your IBM Cloud account

The Bluemix Team no-reply@bluemix.net via sendgrid.softlayer.com to me 1:38 PM (0 minutes ago)

IBM Cloud

Hello Demo,

Thank you for signing up for IBM Cloud! Confirm your account to get started.

Confirm Account

By confirming your account, you accept the [Terms of Use](#)

Welcome and happy building!

—

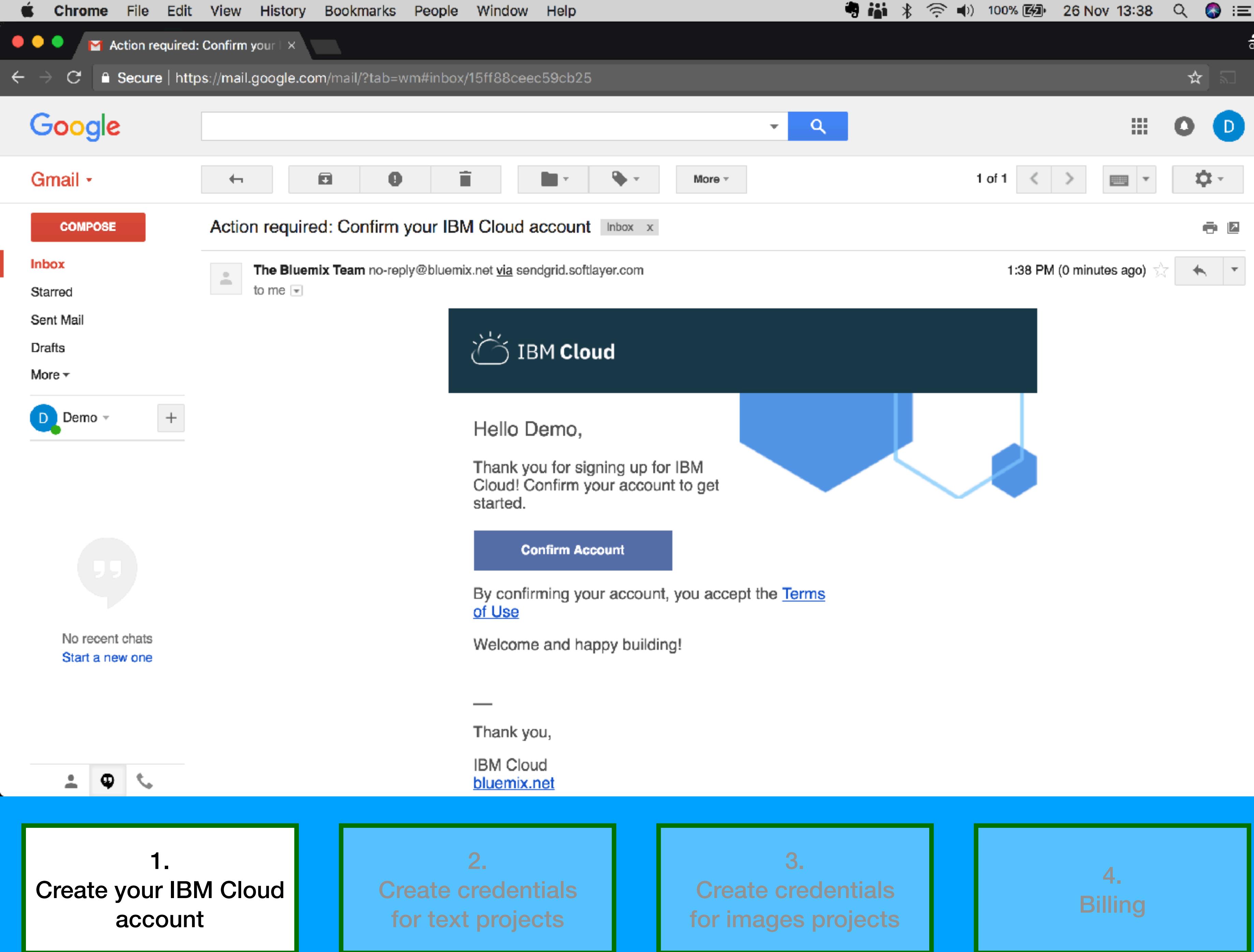
Thank you,  
IBM Cloud  
[bluemix.net](#)

1. Create your IBM Cloud account

2. Create credentials for text projects

3. Create credentials for images projects

4. Billing



Click the “Confirm Account” button in your email.

Sign up for IBM Cloud

Secure | https://console.bluemix.net/registration/accept



Your IBM Cloud account is now live.

Click the “Log in” button.



## Success!

You successfully signed up for an IBM Cloud account and it is now activated.

[Log in](#)

1.

Create your IBM Cloud account

2.

Create credentials for text projects

3.

Create credentials for images projects

4.

Billing

Chrome File Edit View History Bookmarks People Window Help

100% 26 Nov 13:39

Log In to IBM Cloud

Secure | https://idaas.iam.ibm.com/idaas/mtfim/sps/authsvc?PolicyId=urn:ibm:security:authentication:asf:basicldapuser

## Log into IBM Cloud

Enter Email or IBMid: [Forgot your IBMid?](#)

mlforkids.demo.teacher@gmail.com

Continue

New? [Create an IBM Cloud account](#)

Use the email address you used to create your IBM Cloud account.

1.  
Create your IBM Cloud account

2.  
Create credentials for text projects

3.  
Create credentials for images projects

4.  
Billing

Chrome File Edit View History Bookmarks People Window Help

Log In to IBM Cloud

Secure | https://idaas.iam.ibm.com/idaas/mtfim/sps/authsvc?PolicyId=urn:ibm:security:authentication:asf:basicldapuser

100% 26 Nov 13:39

# Log into IBM Cloud

IBMid: mlforkids.demo.teacher@gmail.com

Password [Forgot your password?](#)

••••••••••

**Log in**

[Use a different IBMid or email](#)

Enter your password.

1.  
Create your IBM Cloud account

2.  
Create credentials for text projects

3.  
Create credentials for images projects

4.  
Billing

Chrome File Edit View History Bookmarks People Window Help

100% 26 Nov 13:40

Dashboard - IBM Cloud

Secure | https://console.bluemix.net/dashboard/apps

Catalog Docs Support Manage

IBM Cloud

Dashboard

RESOURCE GROUP All Resources REGION United States

Welcome to IBM Cloud

IBM Cloud

We're glad you're here! Now that your account is all set up with a resource group, org, and space already created for you, you're ready to start working on your projects.

Next

Your IBM Cloud account is now ready to use.

1. Create your IBM Cloud account

2. Create credentials for text projects

3. Create credentials for images projects

4. Billing

Chrome File Edit View History Bookmarks People Window Help

100% 26 Nov 13:40

Dashboard - IBM Cloud

https://console.bluemix.net/dashboard/apps

IBM Cloud

Catalog Docs Support Manage

## Dashboard

RESOURCE GROUP  
All Resources

REGION  
United Kingdom

CLOUD FOUNDRY ORG  
mlforkids.demo.t...@gmail.com

CLOUD FOUNDRY SPACE  
dev

Filter by resource name...

Create resource

### Getting Started Tutorials

Select one of these step-by-step guides to get up and running in minutes.

#### Watson

Conversation

Discovery

Language Translator

Natural Language Understanding

Personality Insights

Tone Analyzer

#### Internet of Things

Internet of Things Platform

#### Mobile

Push Notifications

#### DevOps

Availability Monitoring

#### Apps

Liberty for Java™

SDK for Node.js™

ASP.NET Core

FEEDBACK

1.  
Create your IBM Cloud account

2.  
Create credentials for text projects

3.  
Create credentials for images projects

4.  
Billing

This is the dashboard view where you can see what you've created.

Click “Create resource” in the top right

Catalog - IBM Cloud

Secure | https://console.bluemix.net/catalog/?search=label:lite

IBM Cloud

Catalog Docs Support Manage

Try the best of the Catalog for free with no time restrictions with Lite plans.  
The Lite filter is enabled. Remove the filter to see the full Catalog.

All Categories (44) >

label:lite

Filter

Infrastructure (3)

Compute

Storage (1)

Network

Security

Containers (2)

VMware

Storage

Order storage.

Object Storage

Provides flexible, cost-effective, and scalable cloud storage for

Lite IBM

Platform (41)

Boilerplates (4)

APIs (1)

Application Services

Blockchain

Cloud Foundry Apps (10)

Data & Analytics (8)

DevOps (5)

Finance

Functions

Integrate (2)

Containers

Get started by creating a Kubernetes cluster, or manage your container images in the registry.

Kubernetes Cluster

Deploy highly available apps to a cluster of compute hosts

Lite IBM

Container Registry

Store and distribute Docker images by using this managed private

Lite IBM

1.  
Create your IBM Cloud account

2.  
Create credentials for text projects

3.  
Create credentials for images projects

4.  
Billing

This is where you find the range of services that are available in IBM Cloud.

Chrome File Edit View History Bookmarks People Window Help

100% 26 Nov 13:41

Catalog - IBM Cloud

Secure | https://console.bluemix.net/catalog/?search=label:lite%20Conversation

IBM Cloud

Catalog Docs Support Manage

Try the best of the Catalog for free with no time restrictions with Lite plans.  
The Lite filter is enabled. Remove the filter to see the full Catalog.

All Categories (1) >

label:lite Assistant Filter

Infrastructure

Compute  
Storage  
Network  
Security  
Containers  
VMware

Platform (1)

Boilerplates  
APIs  
Application Services  
Blockchain  
Cloud Foundry Apps  
Data & Analytics  
DevOps  
Finance  
Functions  
Integrate

Platform

Watson

Build cognitive apps that help enhance, scale, and accelerate human expertise.

 Watson Assistant  
Add a natural language interface to your application to automate

Lite IBM

Looking for more?

Check out the IBM Cloud experimental services to try out experimental runtimes and services.

1.  
Create your IBM Cloud account

2.  
Create credentials for text projects

3.  
Create credentials for images projects

4.  
Billing

Find “Watson Assistant” in the list.

The filter at the top is a good way to help you do that.

Click on “Watson Assistant”

Chrome File Edit View History Bookmarks People Window Help

100% 26 Nov 13:41

Conversation - IBM Cloud

Secure | https://console.bluemix.net/catalog/services/conversation

Catalog Docs Support Manage

View all

## Watson Assistant

Add a natural language interface to your application to automate interactions with your end users. Common applications include virtual agents and chat bots that can integrate and communicate on any channel or device. Train Watson Assistant service through an easy-to-use web application, designed so you can quickly build natural conversation flows between your apps and users, and deploy scalable, cost effective solutions.

Lite IBM

[View Docs](#)

AUTHOR IBM  
PUBLISHED 11/21/2017  
TYPE Service

Need Help?  
[Contact IBM Cloud Sales](#)

Estimate Monthly Cost  
[Cost Calculator](#)

Create

1.  
[Create your IBM Cloud account](#)

2.  
[Create credentials for text projects](#)

3.  
[Create credentials for images projects](#)

4.  
[Billing](#)

Service name:

put-any-name-here

Select region to deploy in:

United Kingdom

Choose an organization:

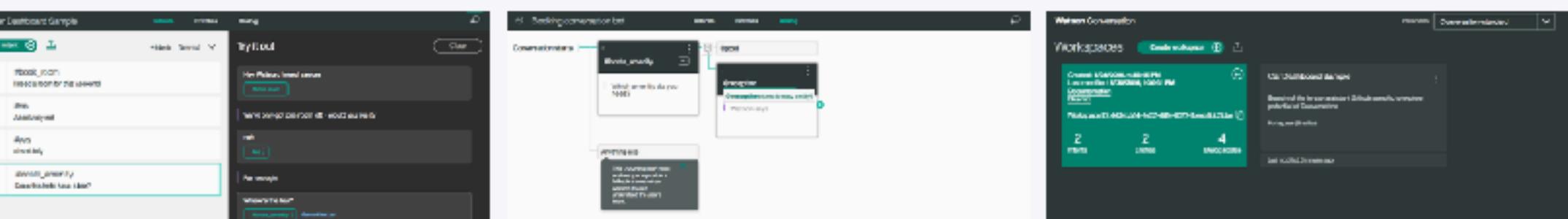
mlforkids.demo.teacher@gm...

Choose a space:

dev

### Images

Click an image to enlarge and view screen captures, slides, or videos. Screen caps show the user interface for the service after it has been provisioned.



Enter in details for the Assistant service that you will create

“Service name” is a name to help you remember what you will use this for.

The name doesn't really matter.

You can leave the other options as they are. You won't have other organizations or spaces to choose from anyway.

Scroll down to see the rest of the options before you click the Create button!

Chrome File Edit View History Bookmarks People Window Help

100% 26 Nov 13:41

Conversation - IBM Cloud

Secure | https://console.bluemix.net/catalog/services/conversation

Catalog Docs Support Manage

IBM Cloud

## Pricing Plans

Monthly prices shown are for country or region: [United Kingdom](#)

PLAN	FEATURES	PRICING
Lite	<p>10,000 API Calls per Month*</p> <p>Up to 5 Workspaces</p> <p>Up to 25 Intents</p> <p>Up to 25 Entities</p> <p>*POST /message method calls only</p>	Free
Standard	<p>Unlimited API queries per month</p> <p>Up to 20 Workspaces</p> <p>Up to 2000 Intents</p> <p>Up to 1000 Entities</p> <p>Shared Public Cloud</p> <p>*POST /message method calls only</p>	£0.001617 GBP/API call*
Premium	<p>Premium Plans offer developers and organizations a single tenant instance of one or more Watson services</p>	

Need Help?  
[Contact IBM Cloud Sales](#)

Estimate Monthly Cost  
[Cost Calculator](#)

Create

1.  
Create your IBM Cloud account

2.  
Create credentials for text projects

3.  
Create credentials for images projects

4.  
Billing

Pricing Plans are at the bottom.

The number of “Workspaces” is how many machine learning models your students can have (at once) for their text projects.

If you have 10 students, and you want them to all be able to train their own text projects at the same time, then you will need 10 workspaces.

With the Lite plan, an instance of Assistant will let you have 5 workspaces.

Using the ML model from Scratch projects is Free in the Lite Plan (up to 10,000 times per month)

Chrome File Edit View History Bookmarks People Window Help

100% 26 Nov 13:42

Conversation - IBM Cloud

Secure | https://console.bluemix.net/catalog/services/conversation

IBM Cloud

Catalog Docs Support Manage

## Pricing Plans

Monthly prices shown are for country or region: [United Kingdom](#)

PLAN	FEATURES	PRICING
Lite	<b>10,000 API Calls per Month*</b> Up to 5 Workspaces Up to 25 Intents Up to 25 Entities *POST /message method calls only	Free
Standard	<b>Unlimited API queries per month</b> Up to 20 Workspaces Up to 2000 Intents Up to 1000 Entities Shared Public Cloud *POST /message method calls only	£0.001617 GBP/API call*
Premium	Premium Plans offer developers and organizations a single tenant instance of one or more Watson services for better isolation and security. These plans offer compute-level isolation on the existing shared	

Need Help?  
[Contact IBM Cloud Sales](#)

Estimate Monthly Cost  
[Cost Calculator](#)

This plan is not available with your current account type.  
Upgrade your account and receive a \$200 credit.

Upgrade

1. Create your IBM Cloud account
2. Create credentials for text projects
3. Create credentials for images projects
4. Billing

The “Standard” plan lets you have up to 20 workspaces.

Each one will support up to 20 students training machine learning models for their text projects at once.

Or... 10 students each training machine learning models for two of their text projects.

Using the ML model from Scratch projects costs £0.001617 in the Standard Plan every time you use the model to recognise some text.

Chrome File Edit View History Bookmarks People Window Help

100% 26 Nov 13:42

Conversation - IBM Cloud

Secure | https://console.bluemix.net/catalog/services/conversation

Catalog Docs Support Manage

IBM Cloud

## Pricing Plans

Monthly prices shown are for country or region: [United Kingdom](#)

PLAN	FEATURES	PRICING
✓ Lite	<b>10,000 API Calls per Month*</b> Up to 5 Workspaces Up to 25 Intents Up to 25 Entities <small>*POST /message method calls only</small>	Free
Standard	<b>Unlimited API queries per month</b> Up to 20 Workspaces Up to 2000 Intents Up to 1000 Entities Shared Public Cloud <small>*POST /message method calls only</small>	£0.001617 GBP/API call*
Premium	<b>Premium Plans offer developers and organizations a single tenant instance of one or more Watson services</b>	

Need Help?

[Contact IBM Cloud Sales](#)

Estimate Monthly Cost

[Cost Calculator](#)

[Create](#)

1.  
Create your IBM Cloud account

2.  
Create credentials for text projects

3.  
Create credentials for images projects

4.  
Billing

When you've chosen the Pricing Plan to use, click "Create"

(Remember: Come back to the Catalog and create another one if this won't cover what you need for your class).

Chrome File Edit View History Bookmarks People Window Help

100% 26 Nov 13:42

Service Details - IBM Cloud

Secure | https://console.bluemix.net/services/conversation/a32637ec-9ca0-4f6f-ab51-1721a3e16e80/?paneld=manage&new=true&env\_id=ibm:yp:eu-gb&org=c5...

IBM Cloud

Catalog Docs Support Manage

Watson /

put-any-name-here

Location: United Kingdom Org: mlforkids.demo.teacher@gmail.com Space: dev

Manage

Service credentials

Plan

Connections

## Conversation

Add a natural language interface to your application to automate interactions with your end users. Common applications include virtual agents and chat bots that can integrate and communicate on any channel or device.

Launch tool ↗

Developer resources:

- Documentation
- Demo

This is the confirmation screen once you've created your Watson Assistant instance.

Click on “Service Credentials” on the left.

1.  
Create your IBM Cloud account

2.  
Create credentials for text projects

3.  
Create credentials for images projects

4.  
Billing

Chrome File Edit View History Bookmarks People Window Help

100% 26 Nov 13:42

Service Details - IBM Cloud

Secure | https://console.bluemix.net/services/conversation/a32637ec-9ca0-4f6f-ab51-1721a3e16e80/?paneld=credentials&new=true&env\_id=ibm:yp:eu-gb&org=...

IBM Cloud

Catalog Docs Support Manage

Watson / put-any-name-here

Location: United Kingdom Org: mlforkids.demo.teacher@gmail.com Space: dev

Service credentials

Credentials are provided in JSON format. The JSON snippet lists credentials, such as the API key and secret, as well as connection information for the service. [View More](#)

Service credentials

New credential +

Click New credentials to create a set of credentials for this instance

1.

Create your IBM Cloud account

2.

Create credentials for text projects

3.

Create credentials for images projects

4.

Billing

Click “Service credentials” on the left to get to this screen.

Then click on “New credential”

Chrome File Edit View History Bookmarks People Window Help

100% 26 Nov 13:43

Service Details - IBM Cloud

Secure | https://console.bluemix.net/services/conversation/a32637ec-9ca0-4f6f-ab51-1721a3e16e80/?paneld=credentials&new=true&env\_id=ibm:yp:eu-gb&org=...

IBM Cloud

Catalog Docs Support Manage

Add new credential

Name: machinelearningforkids

Add Inline Configuration Parameters (Optional):

Provide service specific configuration parameters in a valid JSON object.

Cancel Add

The name of the credentials doesn't really matter, but calling it "machinelearningforkids" will remind you what you created it for.

Click "Add"

1.  
Create your IBM Cloud account

2.  
Create credentials for text projects

3.  
Create credentials for images projects

4.  
Billing

Chrome File Edit View History Bookmarks People Window Help

100% 26 Nov 13:43

Service Details - IBM Cloud

Secure | https://console.bluemix.net/services/conversation/a32637ec-9ca0-4f6f-ab51-1721a3e16e80/?paneld=credentials&new=true&env\_id=ibm:yp:eu-gb&org=...

IBM Cloud

Catalog Docs Support Manage

Watson /

put-any-name-here

Location: United Kingdom Org: mlforkids.demo.teacher@gmail.com Space: dev

information for the service.

view more

New credential +

10 Items per page | 1-1 of 1 items

1 of 1 pages < 1 >

<input type="checkbox"/> KEY NAME	DATE CREATED	ACTIONS
<input type="checkbox"/> machinelearningforkids	Nov 26, 2017 - 01:43:16	<a href="#">View credentials</a> <a href="#"></a>

```
{  
  "url": "https://gateway.watsonplatform.net/conversation/api",  
  "username": "12e02fcf-b6a0-48d1-87c1-5dacb1d5cce6",  
  "password": "Zabog112oKv3"  
}
```

Click the “View credentials” arrow near the bottom to show the username and password.

Copy the username and password.

These are what you need to put into [machinelearningforkids.co.uk](http://machinelearningforkids.co.uk)

1.  
Create your IBM Cloud account

2.  
Create credentials for text projects

3.  
Create credentials for images projects

4.  
Billing

Chrome File Edit View History Bookmarks People Window Help

100% 26 Nov 13:43

Service Details - IBM Cloud

Secure | https://console.bluemix.net/services/conversation/a32637ec-9ca0-4f6f-ab51-1721a3e16e80/?paneld=credentials&new=true&env\_id=ibm:yp:eu-gb&org=...

Catalog Docs Support Manage

Watson / put-any-name-here

Location: United Kingdom Org: mlforkids.demo.teacher@gmail.com Space: dev

information for the service.

view more

New credential +

10 Items per page | 1-1 of 1 items 1 of 1 pages < 1 >

<input type="checkbox"/> KEY NAME	DATE CREATED	ACTIONS
<input type="checkbox"/> machinelearningforkids	Nov 26, 2017 - 01:43:16	<a href="#">View credentials</a> <a href="#">Delete</a>

```
{  
  "url": "https://gateway.watsonplatform.net/conversation/api",  
  "username": "12e02fcf-b6a0-48d1-87c1-5dacb1d5cce6",  
  "password": "Zabogli2oKv3"  
}
```

<https://console.bluemix.net/dashboard/apps>

1.  
Create your IBM Cloud account

2.  
Create credentials for text projects

3.  
Create credentials for images projects

4.  
Billing

Click on the three lines near the top left to find the menu that will get you back to the “Dashboard”

Chrome File Edit View History Bookmarks People Window Help

Dashboard - IBM Cloud

Secure | https://console.bluemix.net/dashboard/apps

IBM Cloud

Catalog Docs Support Manage

## Dashboard

RESOURCE GROUP All Resources

REGION United Kingdom

CLOUD FOUNDRY ORG mlforkids.demo.t...@gmail.com

CLOUD FOUNDRY SPACE dev

Filter by resource name...

Create resource

Cloud Foundry Services 1/100 Used

Name	Service Offering	Plan
put-any-name-here	Watson Assistant	Lite

The Dashboard shows the services that you've created.

If you go click “Create resource” and create another Watson Assistant service, you’ll see each of them in the list here.

1.  
Create your IBM Cloud account

2.  
Create credentials for text projects

3.  
Create credentials for images projects

4.  
Billing

Catalog - IBM Cloud

Secure | https://console.bluemix.net/catalog/?search=label:lite

IBM Cloud

Catalog Docs Support Manage

Try the best of the Catalog for free with no time restrictions with Lite plans.  
The Lite filter is enabled. Remove the filter to see the full Catalog.

All Categories (44) >

label:lite

Filter

Infrastructure (3)

Compute

Storage (1)

Network

Security

Containers (2)

VMware

Storage

Order storage.

Object Storage

Provides flexible, cost-effective, and scalable cloud storage for

Lite IBM

Platform (41)

Boilerplates (4)

APIs (1)

Application Services

Blockchain

Cloud Foundry Apps (10)

Data & Analytics (8)

DevOps (5)

Finance

Functions

Integrate (2)

Containers

Get started by creating a Kubernetes cluster, or manage your container images in the registry.

Kubernetes Cluster

Deploy highly available apps to a cluster of compute hosts

Lite IBM

Container Registry

Store and distribute Docker images by using this managed private

Lite IBM

1.  
Create your IBM Cloud account

2.  
Create credentials for text projects

3.  
Create credentials for images projects

4.  
Billing

Click “Create resource” in the top right of the dashboard

This is where you find the range of services that are available in IBM Cloud.

Chrome File Edit View History Bookmarks People Window Help

100% 26 Nov 13:44

# Catalog - IBM Cloud

Secure | https://console.bluemix.net/catalog/?taxonomyNavigation=apps&search=label:lite%20visual%20rec

## IBM Cloud

Catalog Docs Support Manage

Try the best of the Catalog for free with no time restrictions with Lite plans.  
The Lite filter is enabled. Remove the filter to see the full Catalog.

All Categories (1) >

label:lite visual rec Filter

Infrastructure

- Compute
- Storage
- Network
- Security
- Containers
- VMware

Platform (1)

- Boilerplates
- APIs
- Application Services
- Blockchain
- Cloud Foundry Apps
- Data & Analytics
- DevOps
- Finance
- Functions
- Integrate

Watson

Build cognitive apps that help enhance, scale, and accelerate human expertise.

**Visual Recognition**  
Find meaning in visual content!  
Analyze images for scenes,

Lite IBM

Looking for more?

Check out the IBM Cloud experimental services to try out experimental runtimes and services.

1. Create your IBM Cloud account

2. Create credentials for text projects

3. Create credentials for images projects

4. Billing

Find “Visual Recognition” in the list.

The filter at the top is a good way to help you do that.

Click on “Visual Recognition”

Chrome File Edit View History Bookmarks People Window Help

100% 26 Nov 13:44

Visual Recognition - IBM Cloud ×

Secure | https://console.bluemix.net/catalog/services/visual-recognition?taxonomyNavigation=apps

Catalog Docs Support Manage

IBM Cloud

View all

## Visual Recognition

Find meaning in visual content! Analyze images for scenes, objects, faces, and other content. Choose a default model off the shelf, or create your own custom classifier. Develop smart applications that analyze the visual content of images or video frames to understand what is happening in a scene.

Lite IBM

[View Docs](#)

AUTHOR IBM  
PUBLISHED 02/08/2018  
TYPE Service  
LOCATION Sydney, United Kingdom, US South

Need Help?  
[Contact IBM Cloud Sales](#)

Estimate Monthly Cost  
[Cost Calculator](#)

Create

1.  
[Create your IBM Cloud account](#)

2.  
[Create credentials for text projects](#)

3.  
[Create credentials for images projects](#)

4.  
[Billing](#)

Enter in details for the Visual Recognition service that you will create

“Service name” is a name to help you remember what you will use this for.

The name doesn’t really matter.

You can leave the other options as they are. You won’t have other organizations or spaces to choose from anyway.

Scroll down to see the rest of the options before you click the Create button!

Chrome File Edit View History Bookmarks People Window Help

Visual Recognition - IBM Cloud ×

Secure | https://console.bluemix.net/catalog/services/visual-recognition?taxonomyNavigation=apps

Catalog Docs Support Manage

IBM Cloud

PLAN	FEATURES	PRICING
Lite	<p>7500 Events (images) towards General and Face Models 1 Custom Model 5000 Events (images) towards Custom Model 1 Lite Plan Instance per Bluemix Organization</p>	Free
<p>The Lite Plan allows users to make 7,500 API calls for free (up to 250 calls per day) and train a Custom Model using up to 5,000 images. Lite Plan services are deleted after 30 days. Users wishing to continue using the service must upgrade to a Standard Plan and receive a new API key.</p> <p>Lite plan services are deleted after 30 days of inactivity.</p>		
Standard	<p>Image Tagging Events Pay per Use Face Detection Events Pay per Use Training Events Pay per Use Custom Tagging Events Pay per Use</p>	<p>£0.00121 GBP/Event £0.002418 GBP/Event £0.0647 GBP/Event £0.002418 GBP/Event</p>

[Terms](#)

Need Help?  
[Contact IBM Cloud Sales](#)

Estimate Monthly Cost  
[Cost Calculator](#)

Create

1.  
Create your IBM Cloud account

2.  
Create credentials for text projects

3.  
Create credentials for images projects

4.  
Billing

Pricing Plans are at the bottom.

The Lite plan will only let you create one machine learning model for images projects.

Using the ML model from Scratch projects is Free in the “Lite” Plan (up to 250 times per day)

Chrome File Edit View History Bookmarks People Window Help

100% 26 Nov 13:45

Visual Recognition - IBM Cloud ×

Secure | https://console.bluemix.net/catalog/services/visual-recognition?taxonomyNavigation=apps

IBM Cloud Catalog Docs Support Manage

## Pricing Plans

Monthly prices shown are for country or region: [United Kingdom](#)

PLAN	FEATURES	PRICING
Lite	7500 Events (images) towards General and Face Models 1 Custom Model 5000 Events (images) towards Custom Model 1 Lite Plan Instance per Bluemix Organization	Free
Standard	Image Tagging Events Pay per Use Face Detection Events Pay per Use Training Events Pay per Use Custom Tagging Events Pay per Use	£0.00121 GBP/Event £0.002418 GBP/Event £0.0647 GBP/Event £0.002418 GBP/Event

25,000 Events (images) per day pay per use

[Terms](#)

Need Help?

Contact IBM Cloud Sales 

Estimate Monthly Cost

[Cost Calculator](#)

This plan is not available with your current account type.

Upgrade your account and receive a \$200 credit.

Upgrade



1.  
Create your IBM Cloud account

2.  
Create credentials for text projects

3.  
Create credentials for images projects

4.  
Billing

Pricing Plans are at the bottom.

With the “Standard” plan, creating a machine learning model for an images project will cost £0.0647 per image used to train the model.

So, if you train a model using 40 images, that will cost £2.588

Using the ML model from Scratch projects costs £0.00121 in the Standard Plan every time you use the model to recognise an image.

Chrome File Edit View History Bookmarks People Window Help

100% 26 Nov 13:45

Visual Recognition - IBM Cloud ×

Secure | https://console.bluemix.net/catalog/services/visual-recognition?taxonomyNavigation=apps

IBM Cloud Catalog Docs Support Manage

PLAN	FEATURES	PRICING
Lite	<b>7500 Events (images) towards General and Face Models</b> 1 Custom Model 5000 Events (images) towards Custom Model 1 Lite Plan Instance per Bluemix Organization	Free
<p>The Lite Plan allows users to make 7,500 API calls for free (up to 250 calls per day) and train a Custom Model using up to 5,000 images. Lite Plan services are deleted after 30 days. Users wishing to continue using the service must upgrade to a Standard Plan and receive a new API key.</p> <p><b>Lite plan services are deleted after 30 days of inactivity.</b></p>		
Standard	<b>Image Tagging Events Pay per Use</b> Face Detection Events Pay per Use Training Events Pay per Use Custom Tagging Events Pay per Use	£0.00121 GBP/Event £0.002418 GBP/Event £0.0647 GBP/Event £0.002418 GBP/Event

[Terms](#)

Need Help?  
[Contact IBM Cloud Sales](#)

[Estimate Monthly Cost](#)  
[Cost Calculator](#)

[Create](#)

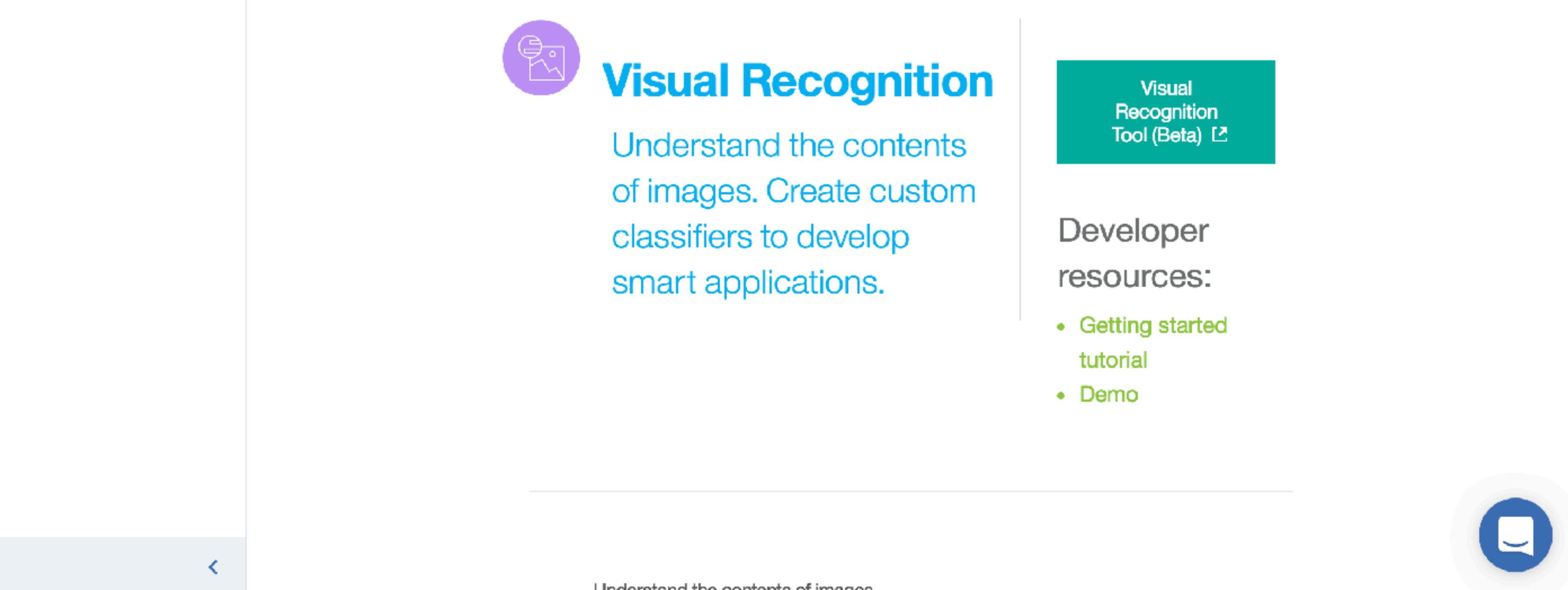
1.  
Create your IBM Cloud account

2.  
Create credentials for text projects

3.  
Create credentials for images projects

4.  
Billing

When you've chosen the Pricing Plan to use, click "Create"



**This is the confirmation screen once you've created your Watson Visual Recognition instance.**

**Click on “Service Credentials” on the left.**

Chrome File Edit View History Bookmarks People Window Help

100% 26 Nov 13:49

Service Details - IBM Cloud

Secure | https://console-regional.eu-gb.bluemix.net/services/watson\_vision\_combined/0296eac3-7b85-45f1-a66c-89035d2ef879/?paneld=credentials&new=true... □ ⌂ ⌂ ⌂

IBM Cloud Catalog Docs Support Manage

Watson / put-some-useful-name-here

Location: United Kingdom Org: mlforkids.demo.teacher@gmail.com Space: dev

Service credentials

Credentials are provided in JSON format. The JSON snippet lists credentials, such as the API key and secret, as well as connection information for the service. [View More](#)

Service credentials

New credential +

Click New credentials to create a set of credentials for this instance

1. Create your IBM Cloud account

2. Create credentials for text projects

3. Create credentials for images projects

4. Billing

Click “Service credentials” on the left to get to this screen.

Then click on “New credential”

Chrome File Edit View History Bookmarks People Window Help

100% 26 Nov 13:49

Service Details - IBM Cloud

Secure | https://console-regional.eu-gb.bluemix.net/services/watson\_vision\_combined/0296eac3-7b85-45f1-a66c-89035d2ef879/?panelid=credentials&new=true... ☆

IBM Cloud Catalog Docs Support Manage

Add new credential

Name: machinelearningforkids

Add Inline Configuration Parameters (Optional): [i](#)

Provide service specific configuration parameters in a valid JSON object.

Cancel Add

The name of the credentials doesn't really matter, but calling it "machinelearningforkids" will remind you what you created it for.

Click "Add"

1.  
Create your IBM Cloud account

2.  
Create credentials for text projects

3.  
Create credentials for images projects

4.  
Billing

Chrome File Edit View History Bookmarks People Window Help

9 Oct 20:36 69%

Service Details - IBM Cloud

Secure | https://console.bluemix.net/services/watson\_vision\_combined/b6ed5b3c-2576-43eb-bfd0-25638f7c3eb0/?panelId=credentials&new=true&env\_id=ibm:yp...

IBM Cloud

Catalog Docs Support Manage

Watson /

put-some-useful-name-here

Location: United Kingdom Org: mlforkids.demo.teacher@gmail.com Space: dev

Service credentials

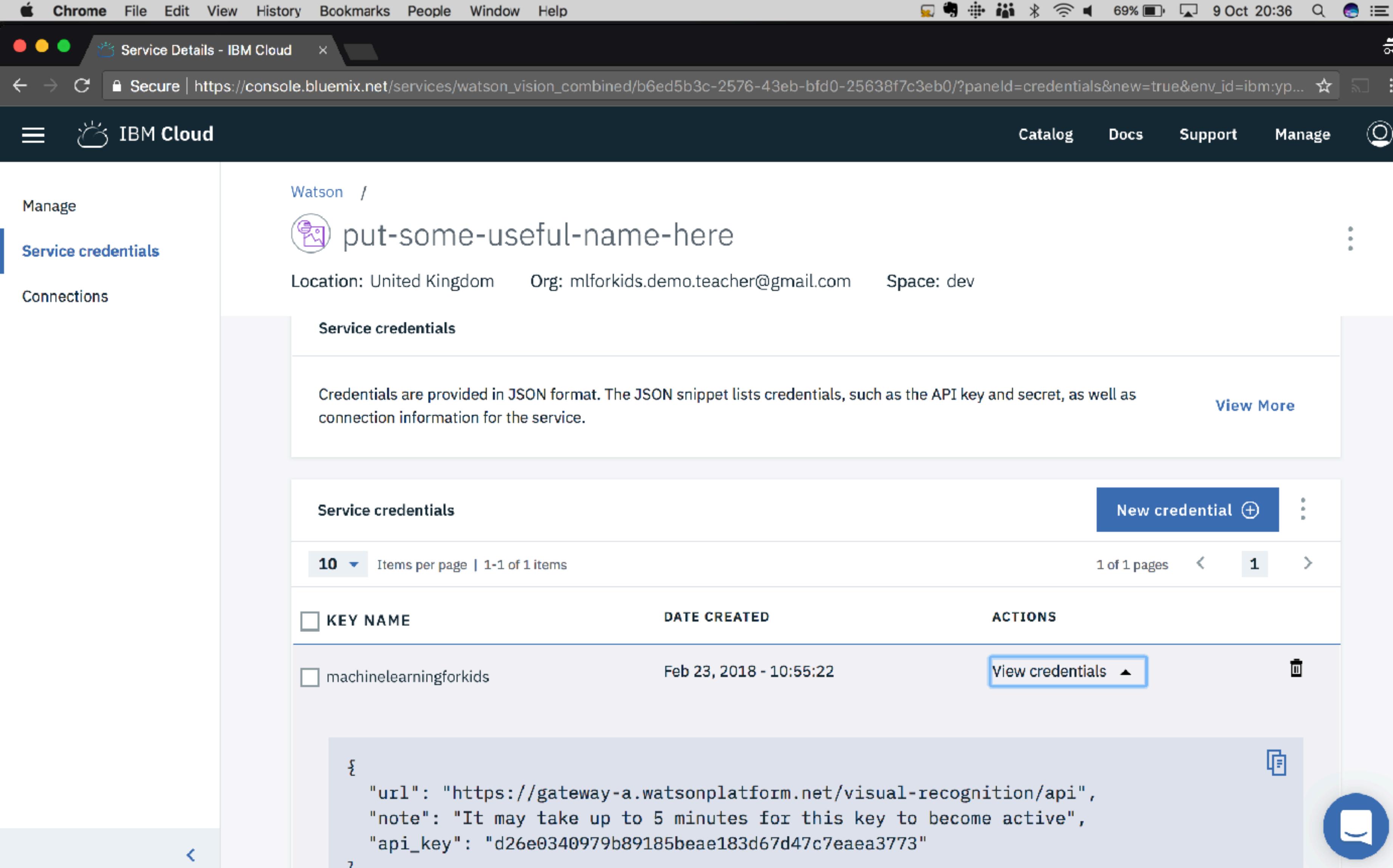
Credentials are provided in JSON format. The JSON snippet lists credentials, such as the API key and secret, as well as connection information for the service.

View More

New credential +

KEY NAME	DATE CREATED	ACTIONS
machinelearningforkids	Feb 23, 2018 - 10:55:22	<a href="#">View credentials</a> <a href="#">Delete</a>

```
{ "url": "https://gateway-a.watsonplatform.net/visual-recognition/api", "note": "It may take up to 5 minutes for this key to become active", "api_key": "d26e0340979b89185beae183d67d47c7eaea3773" }
```



Click the “View credentials” arrow near the bottom to show the API key.

Copy the API key.

These are what you need to put into [machinelearningforkids.co.uk](http://machinelearningforkids.co.uk)

1.  
Create your IBM Cloud account

2.  
Create credentials for text projects

3.  
Create credentials for images projects

4.  
Billing

Service Details - IBM Cloud

Secure | https://console.bluemix.net/services/watson\_vision\_combined/b6ed5b3c-2576-43eb-bfd0-25638f7c3eb0/?panelId=credentials&new=true&env\_id=ibm:yp...

Catalog Docs Support Manage

Watson / put-some-useful-name-here

Location: United Kingdom Org: mlforkids.demo.teacher@gmail.com Space: dev

Service credentials

Credentials are provided in JSON format. The JSON snippet lists credentials, such as the API key and secret, as well as connection information for the service. [View More](#)

Service credentials

New credential +

KEY NAME	DATE CREATED	ACTIONS
machinelearningforkids	Feb 23, 2018 - 10:55:22	<a href="#">View credentials</a> <a href="#">Delete</a>

```
{ "url": "https://gateway-a.watsonplatform.net/visual-recognition/api", "note": "It may take up to 5 minutes for this key to become active", "api_key": "d26e0340979b89185beae183d67d47c7eaea3773" }
```

<https://console.bluemix.net/dashboard/apps>

1.  
Create your IBM Cloud account

2.  
Create credentials for text projects

3.  
Create credentials for images projects

4.  
Billing

Click on the three lines near the top left to find the menu that will get you back to the “Dashboard”

Chrome File Edit View History Bookmarks People Window Help

9 Oct 20:37 69%

Dashboard - IBM Cloud

Secure | https://console.bluemix.net/dashboard/apps

IBM Cloud

Catalog Docs Support Manage

## Dashboard

RESOURCE GROUP REGION CLOUD FOUNDRY ORG CLOUD FOUNDRY SPACE

All Resources United Kingdom mlforkids.demo.t...@gmail.com dev

Filter by resource name... Create resource

Cloud Foundry Services 2/100 Used

Name	Service Offering	Plan
put-any-name-here	Watson Assistant	Lite
put-some-useful-name-here	Visual Recognition	Lite

FEEDBACK

1. Create your IBM Cloud account

2. Create credentials for text projects

3. Create credentials for images projects

4. Billing

The Dashboard shows the services that you've created.

## For **text** projects, you'll need to create **Watson Assistant** instances

Pricing Plan	How many of these can you create WITHOUT adding a credit card to your account?	How many of these can you create if you add a credit card to your account?	Cost when students click on "Train a new machine learning model"	How many machine learning models can your students have at once?	How much it costs to recognise text from Scratch each time	How many times can students recognise text from Scratch?
Lite	1	No limit	free	5	free	10,000 per month
Standard	0	No limit	free	20	£0.001617	unlimited

## For **images** projects, you'll need to create **Watson Visual Recognition** instances

Pricing Plan	How many of these can you create WITHOUT adding a credit card to your account?	How many of these can you create if you add a credit card to your account?	Cost when students click on "Train a new machine learning model"	How many machine learning models can your students have at once?	How much it costs to recognise an image from Scratch each time	How many times can students recognise images from Scratch?
Lite	1	1	free	1	free	250 per day
Standard	0	No limit	£0.0647 per training image	unlimited	£0.001617	unlimited

To recap, the prices...

1.  
Create your IBM Cloud account

2.  
Create credentials for text projects

3.  
Create credentials for images projects

4.  
Billing

These prices are correct at the time of writing, and are provided as an indicative guide. For the definitive prices, refer to the prices shown in the IBM Cloud catalog.

Prices here quoted for the UK.

The IBM Cloud catalog will show prices in other currencies for users not in the UK.

## Imagine...

You have a class of **30 children**

They share computers (two children to every computer) so you will have 15 computers and 15 student accounts logged in to machinelearningforkids.co.uk

You choose a project worksheet for the class that involves recognising **text**

## You could...

You create **three (3) x Lite Plan** instances of the Watson Assistant service

This will allow all fifteen pairs to train machine learning models  
(each Lite Plan allows up to 5 machine learning models)

## That means...

There is **no charge** for Lite Plan services.

1.  
Create your IBM Cloud account

2.  
Create credentials for text projects

3.  
Create credentials for images projects

4.  
Billing

An example of IBM Cloud costs for a single Machine Learning for Kids class

Example 1:  
A large class working on a text project

Accounts created after November 2017 will need to provide a credit card in order to create multiple instances of services.

These prices are correct at the time of writing, and are provided as an indicative guide. For the definitive prices, refer to the prices shown in the IBM Cloud catalog.

Prices here quoted for the UK.

The IBM Cloud catalog will show prices in other currencies for users not in the UK.

## Imagine...

You have a class of **30 children**

They share computers (two children to every computer) so you will have 15 computers and 15 student accounts logged in to machinelearningforkids.co.uk

You choose a project worksheet for the class that involves recognising **images**

An example of IBM Cloud costs for a single Machine Learning for Kids class

Example 2:  
A large class working on an images project

## You could...

You create **one Lite Plan** instance of the Watson Visual Recognition service

You create a “whole class project” for your class, so all your students work together to contribute to the training of a single machine learning model.

They all collect their training data at the same time. You as the teacher will be the one who clicks the “Train new machine learning model” button. They can all use the machine learning model from Scratch at the same time.

## That means...

There is **no charge** for Lite Plan services.

These prices are correct at the time of writing, and are provided as an indicative guide. For the definitive prices, refer to the prices shown in the IBM Cloud catalog.

1.  
Create your IBM Cloud account

2.  
Create credentials for text projects

3.  
Create credentials for images projects

4.  
Billing

Prices here quoted for the UK.

The IBM Cloud catalog will show prices in other currencies for users not in the UK.

## Imagine...

You have a coding club of **6 children**

They share computers (two children to every computer) so you will have 3 computers and 3 student accounts logged in to machinelearningforkids.co.uk

You choose a project worksheet for the class that involves recognising **images**

## You could...

You create **one Lite Plan** instance and **one Standard Plan** instance of the Watson Visual Recognition service

You ask your students to train machine learning models each using 30 example images.

You let them each test their machine learning models 10 times.

## That means...

The first pair of students will use the Lite Plan instance. There is no charge for Lite Plan services

The remaining two pairs of students will use the Standard Plan.

Training their machine learning models will cost approx £5.82 (2 students x 30 images x £0.0647 cost)

Testing their machine learning models will cost approx £0.03 (2 students x 10 images x £0.001617 cost)

Class cost could cost approx £5.85

An example of IBM Cloud costs for a single Machine Learning for Kids class

**Example 3:**  
A small code club working on an images project

These prices are correct at the time of writing, and are provided as an indicative guide. For the definitive prices, refer to the prices shown in the IBM Cloud catalog.

1.  
Create your IBM Cloud account

2.  
Create credentials for text projects

3.  
Create credentials for images projects

4.  
Billing

Prices here quoted for the UK.

The IBM Cloud catalog will show prices in other currencies for users not in the UK.

## Imagine...

You have a coding club of **6 children**

They share computers (two children to every computer) so you will have 3 computers and 3 student accounts logged in to machinelearningforkids.co.uk

You choose a project worksheet for the class that involves recognising **images**

## You could...

You create **one Lite Plan** instance of the Watson Visual Recognition service

You ask your students to **take turns** to train machine learning models each using 30 example images.

They all collect their training data at the same time, but they need to wait to click the “Train new machine learning model” button one at a time

## That means...

There is **no charge** for Lite Plan services.

1.  
Create your IBM Cloud account

2.  
Create credentials for text projects

3.  
Create credentials for images projects

4.  
Billing

An example of IBM Cloud costs for a single Machine Learning for Kids class

Example 4:  
A small code club working on an images project

These prices are correct at the time of writing, and are provided as an indicative guide. For the definitive prices, refer to the prices shown in the IBM Cloud catalog.

Prices here quoted for the UK.

The IBM Cloud catalog will show prices in other currencies for users not in the UK.

Chrome File Edit View History Bookmarks People Window Help

Dashboard - IBM Cloud

Secure | https://console.bluemix.net/dashboard/apps

IBM Cloud

Catalog Docs Support Manage

Dashboard

RESOURCE GROUP REGION CLOUD FOUNDRY ORG CLOUD FOUNDRY SPACE

All Resources United Kingdom mlforkids.demo.t...@gmail.com dev

Billing Usage

Filt < Account < Billing and Usage < Security

Cloud Foundry Services 2/100 Used

Name	Service Offering	Plan
put-any-name-here	Watson Assistant	Lite
put-some-useful-name-here	Visual Recognition	Lite

FEEDBACK

https://console.bluemix.net/account/usage?accountId=c5ba9eb379b3487ccdf50e133a5204a9

1.  
Create your IBM Cloud account

2.  
Create credentials for text projects

3.  
Create credentials for images projects

4.  
Billing

If you want to create more than one Visual Recognition or Assistant service, you will need to provide a credit card.

Click on the Billing menu item in the top-right as shown.

Chrome File Edit View History Bookmarks People Window Help

100% 26 Nov 14:34

# IBM Cloud Account

Secure | https://console.bluemix.net/account/billing?accountId=c5ba9eb379b3487ccdf50e133a5204a9

IBM Cloud

Catalog Docs Support Manage

Profile Platform Notifications Usage Dashboard Billing Cloud Foundry Orgs Resource Groups

## Billing: Demo Teacher's Account

**Account**  
Demo Teacher's Account   
ID: c5ba9eb379b3487ccdf50e133a5204a9

**Account Type**  
Account TypeLite (Free)

256 MB of free memory each month, free Lite plan services to choose from, and easy to upgrade when you're ready for more.

FEEDBACK 

### Get a \$200 credit when you upgrade

Enter your credit card to receive a limited offer promotional credit. The credit does not apply to infrastructure and third-party services.

Add Credit Card

1.  
Create your IBM Cloud account

2.  
Create credentials for text projects

3.  
Create credentials for images projects

4.  
Billing

If you want to create more than one Visual Recognition or Assistant service, you will need to provide a credit card.

The “Usage Dashboard” and “Spending Notifications” pages here will let you keep track of your costs.