



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 on us to try paid services

Ease into cloud pricing or try something new with \$200 in credit available for 1 month upon upgrade.

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*

Afghanistan

Phone Number*

Privacy - Terms

Sign up for a free account at "IBM Cloud"

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Sign up for IBM Cloud

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Ease into cloud pricing or try something new with \$200 in credit available for 1 month upon upgrade.

Ready to get started? Sign up today!

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

Phone Number*

01962810000

Privacy - Terms

Password*

Fill in your contact details

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 13:37

Sign up for IBM Cloud

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

Teacher

Company

Country or Region*

United Kingdom

Phone Number*

01962880012

Password*

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

By email By telephone

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

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

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Ease into cloud pricing or try something new with \$200 in credit available for 1 month upon upgrade.

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1.
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2.
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3.
Create credentials for images projects

4.
Billing

Chrome File Edit View History Bookmarks People Window Help

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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

ducts, services, and offerings from IBM companies worldwide.

phone

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

C SKIP

Privacy - Terms

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

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

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

Your email should arrive within a minute.

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

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!

—

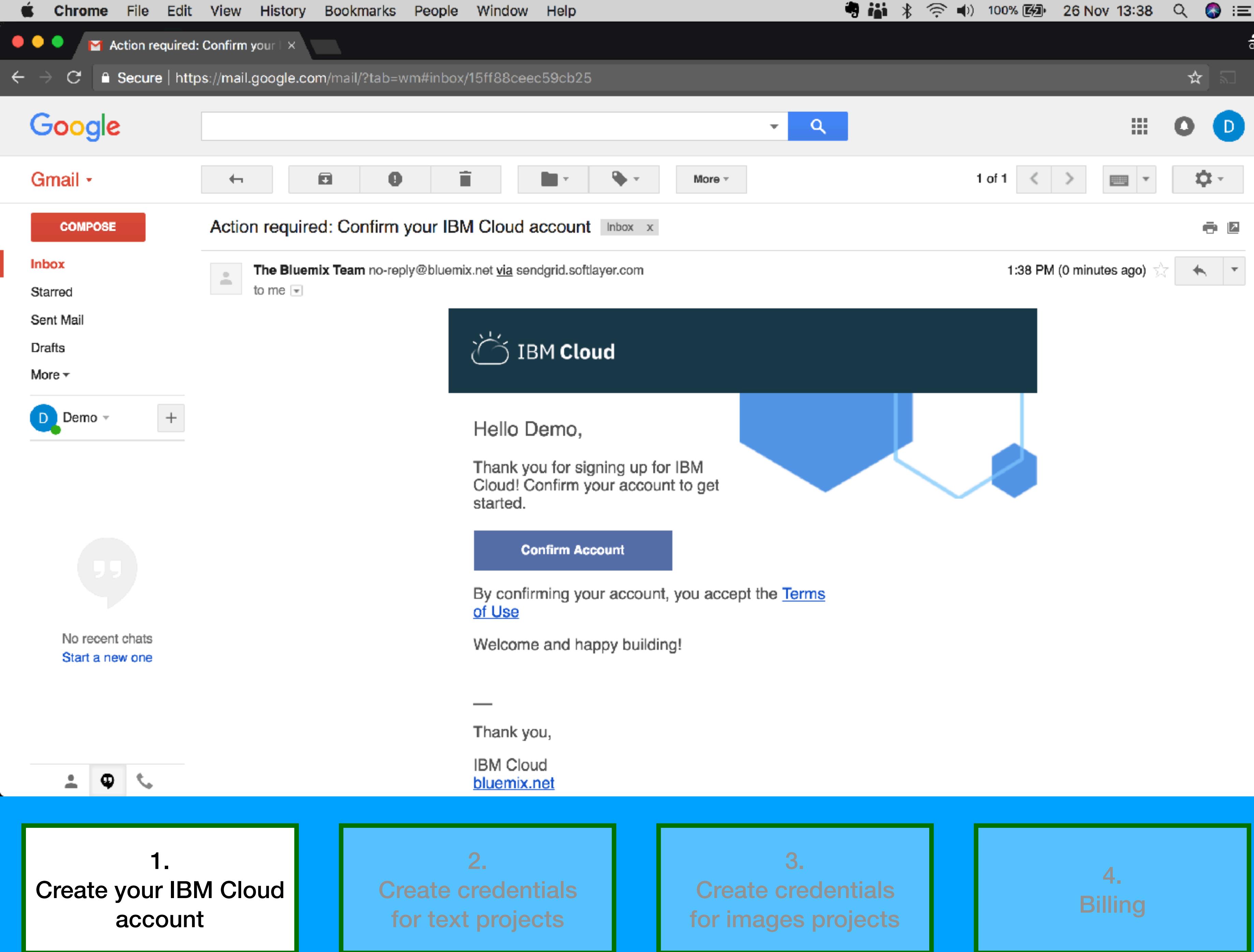
Thank you,
IBM Cloud
[bluemix.net](#)

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

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

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

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

Get started by deploying your first app



Liberty for Java™



SDK for Node.js™



ASP.NET Core



Runtime for Swift



XPages



Go



PHP



Python



Ruby



Tomcat

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 (2) >

label:lite Conversation Filter

Infrastructure

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

Platform (2)

- 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.

Conversation
Add a natural language interface to your application to automate
 Lite IBM

Language Translator
Translate text from one language to another for specific domains.
 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 “Conversation” in the list.

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

Click on “Conversation”

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](#)

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. Train Watson Conversation 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](#)

Enter in details for the Conversation 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 Conversation 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 | 10,000 API Calls per Month* Up to 5 Workspaces Up to 25 Intents Up to 25 Entities *POST /message method calls only | Free |
| Standard | Unlimited API queries per month 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 | 10,000 API Calls per Month* Up to 5 Workspaces Up to 25 Intents Up to 25 Entities <small>*POST /message method calls only</small> | Free |
| Standard | Unlimited API queries per month 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 | Premium Plans offer developers and organizations a single tenant instance of one or more Watson services | |

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 Conversation 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 | View credentials |

```
{  
  "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

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 | View credentials Delete |

```
{  
  "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 | Conversation | Lite |

The Dashboard shows the services that you've created.

If you go click “Create resource” and create another Watson Conversation 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/?search=visual%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) >

visual rec Filter

Platform

Watson

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

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

IBM

Platform (1)

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

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.

(Remove the “lite” filter as Visual Recognition is not included in the Lite Plan)

Click on “Visual Recognition”

Chrome File Edit View History Bookmarks People Window Help

Visual Recognition - IBM Cloud ×

Secure | https://console.bluemix.net/catalog/services/visual-recognition

Catalog Docs Support Manage

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.

IBM

[View Docs](#)

AUTHOR IBM
PUBLISHED 11/10/2017
TYPE Service
LOCATION Sydney, United Kingdom, US South

Service name:

put-some-useful-name-here

Select region to deploy in:

United Kingdom

Choose an organization:

mlforkids.demo.teacher@gm...

Choose a space:

dev

Features

- General Classification

Generate class keywords that describe the image. Use your own images, or extract relevant image URLs from publicly accessible webpages for analysis.

- Visual Training

Create custom, unique visual classifiers. Use the

- Face Detection

Detect human faces in the image. This service also provides a general indication of age range and gender of faces.

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

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

100% 26 Nov 13:45

Visual Recognition - IBM Cloud ×

Secure | https://console.bluemix.net/catalog/services/visual-recognition

Catalog Docs Support Manage

IBM Cloud

service to recognize custom visual concepts that are not available with general classification.

Pricing Plans

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

| PLAN | FEATURES | PRICING |
|---|---|---|
| ✓ Free | 250 Events (images) per day per Bluemix Account 1 Instance per Bluemix Organization | Free with Pay-As-You-Go account |
| The Visual Recognition Free Plan offers 250 Events (images) per day per Bluemix Account for image tagging and face detection. | | |
| 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 |

[Terms](#)

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

Estimate Monthly Cost
[Cost Calculator](#)

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[Upgrade](#)



1.
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Create credentials for images projects

4.
Billing

Pricing Plans are at the bottom.

The Free 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

IBM Cloud

Catalog Docs Support Manage

Create custom, unique visual classifiers. Use the service to recognize custom visual concepts that are not available with general classification.

Pricing Plans

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

| PLAN | FEATURES | PRICING |
|----------|--|---|
| Free | 250 Events (images) per day per Bluemix Account 1 Instance per Bluemix Organization | Free with Pay-As-You-Go account |
| 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 |

[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

Catalog Docs Support Manage

IBM Cloud

service to recognize custom visual concepts that are not available with general classification.

Pricing Plans

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

| PLAN | FEATURES | PRICING |
|---|---|---|
| ✓ Free | 250 Events (images) per day per Bluemix Account 1 Instance per Bluemix Organization | Free with Pay-As-You-Go account |
| The Visual Recognition Free Plan offers 250 Events (images) per day per Bluemix Account for image tagging and face detection. | | |
| 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 |

[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](#)

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

If you created your IBM Cloud account after November 2017, you will need to add a credit card number to your account to be able to do this.

Chrome File Edit View History Bookmarks People Window Help

Visual Recognition - IBM Cloud ×

Secure | https://console-regional.eu-gb.bluemix.net/catalog/services/visual-recognition

Catalog Docs Support Manage

IBM Cloud

LOCATION
Sydney, United Kingdom, US South

• Visual Training

Create custom, unique visual classifiers. Use the service to recognize custom visual concepts that are not available with general classification.

Pricing Plans

Monthly prices shown are for country or region: United States

| PLAN | FEATURES | PRICING |
|----------|---|---|
| ✓ Free | 250 Events (images) per day per Bluemix Account 1 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 | \$0.002 USD/Event \$0.004 USD/Event \$0.10 USD/Event \$0.004 USD/Event |

The Visual Recognition Free Plan offers 250 Events (images) per day per Bluemix Account for image tagging and face detection.

[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"

If you created your IBM Cloud account after November 2017, you will need to add a credit card number to your account to be able to do this.

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=manage&new=true&e... ☆

IBM Cloud

Catalog Docs Support Manage

Watson /

put-some-useful-name-here

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

 **Visual Recognition**

Understand the contents of images. Create custom classifiers to develop smart applications.

[Visual Recognition Tool \(Beta\)](#)

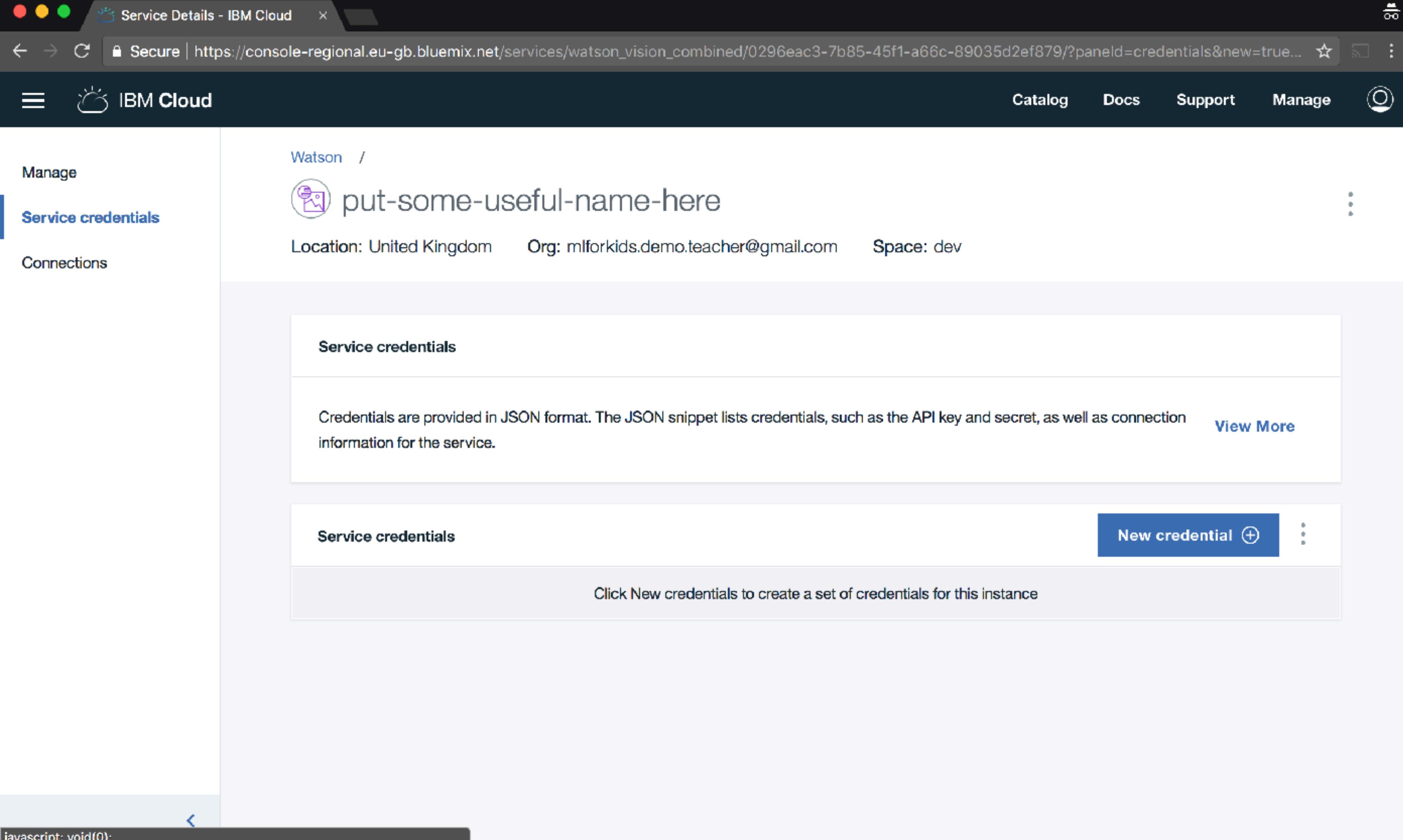
Developer resources:

- [Getting started tutorial](#)
- [Demo](#)

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



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

Then click on “New credential”

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

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): ⓘ

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.

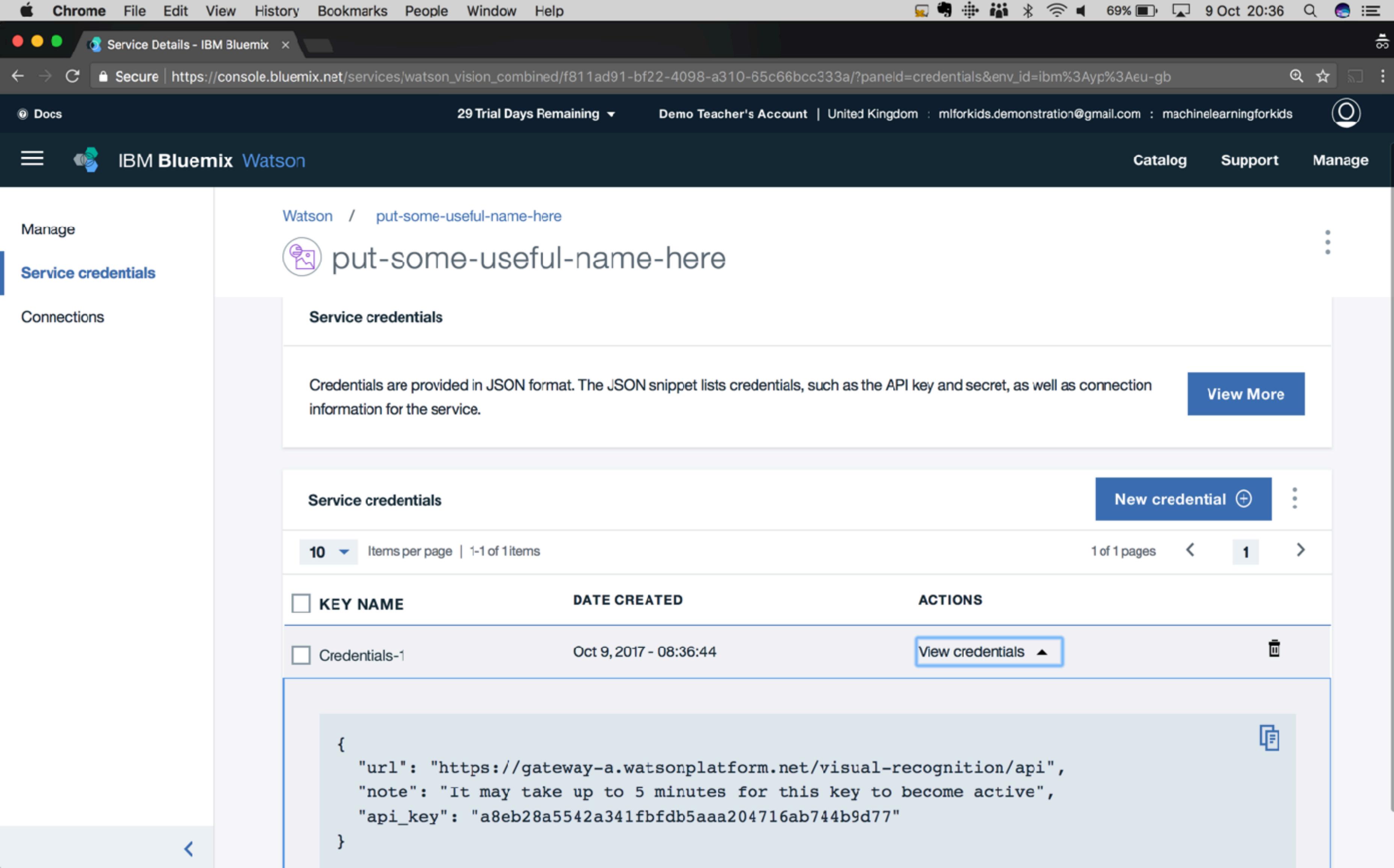
Click "Add"

1.
Create your IBM Cloud account

2.
Create credentials for text projects

3.
Create credentials for images projects

4.
Billing



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

1.

Create your IBM Cloud account

Chrome File Edit View History Bookmarks People Window Help

9 Oct 20:37 69%

Service Details - IBM Bluemix x

Secure | https://console.bluemix.net/services/watson_vision_combined/f811ad91-bf22-4098-a310-65c66bcc333a/?panelId=credentials&env_id=ibm%3Ayp%3Aeu-gb

29 Trial Days Remaining ▾ Demo Teacher's Account | United Kingdom : mlforkids.demonstration@gmail.com : machinelearningforkids

Catalog Support Manage

Watson / put-some-useful-name-here

put-some-useful-name-here

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 +

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"/> Credentials-1 | Oct 9, 2017 - 08:36:44 | View credentials ▲ Delete |

```
{  
  "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": "a8eb28a5542a341fbfdb5aaa204716ab744b9d77"  
}
```

https://console.bluemix.net/dashboard/apps?env_id=ibm:yp:eu-gb

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

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 20:37 69%

Dashboard - IBM Bluemix

Secure | https://console.bluemix.net/dashboard/apps?env_id=ibm%3Ayp%3Aeu-gb

29 Trial Days Remaining ▾ Demo Teacher's Account | United Kingdom : mlforkids.demonstration@gmail.com : machinelearningforkids

Docs

IBM Bluemix Dashboard Catalog Support Manage

Search Items

Dashboard Create +

Services (2) 2/10 Used

20 ▾ Items per page | 1-2 of 2 items 1 of 1 pages < >

| NAME | SERVICE OFFERING | PLAN | ACTIONS |
|---------------------------|--------------------|------|---------|
| put-any-name-here | Conversation | Lite | ⋮ |
| put-some-useful-name-here | Visual Recognition | Free | ⋮ |

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 Conversation** 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 |

To recap, the prices...

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? |
|--------------|--|--|--|--|--|--|
| Free | 0 | 1 | free | 1 | free | 250 per day |
| Standard | 0 | No limit | £0.0647 per training image | unlimited | £0.001617 | unlimited |

Limits to how many services can be created refer to free accounts created after November 2017. Different restrictions applied to accounts created before this date.

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 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 Conversation 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 the service.

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 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 Free 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 Free Plan instance. There is no charge for Free 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

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 2:
A small code club working on an images project

Accounts created after November 2017 will need to provide a credit card in order to create Visual Recognition 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 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 Free 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 Free 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 3:
A small code club working on an images project

Accounts created after November 2017 will need to provide a credit card in order to create Visual Recognition 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.

Chrome File Edit View History Bookmarks People Window Help

Dashboard - IBM Cloud

Secure | https://console-regional.eu-gb.bluemix.net/dashboard/apps

IBM Cloud

Catalog Docs Support Manage

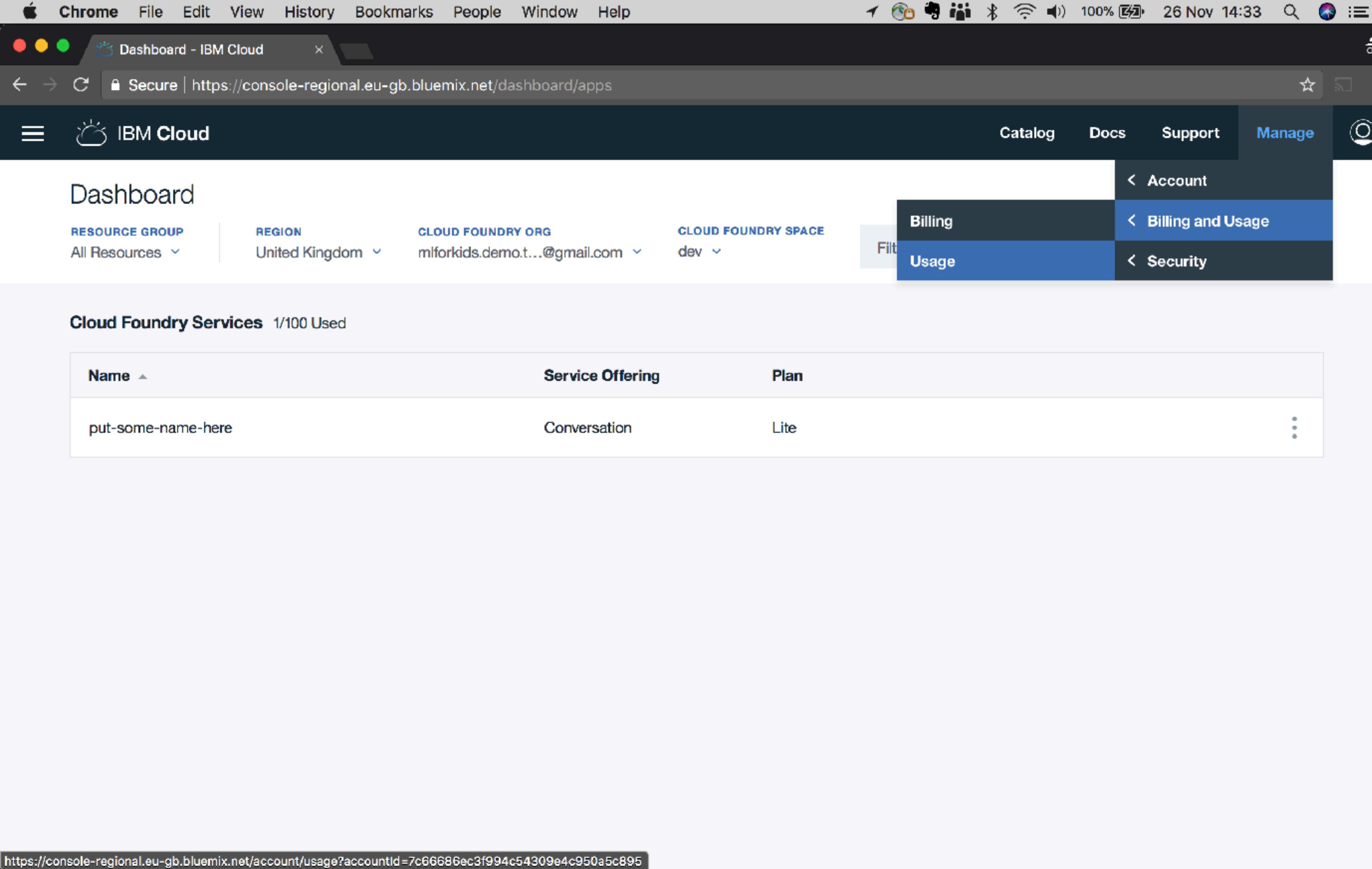
Resource Group: All Resources | Region: United Kingdom | Cloud Foundry Org: mlforkids.demo.t...@gmail.com | Cloud Foundry Space: dev

Billing Usage

Cloud Foundry Services 1/100 Used

| Name | Service Offering | Plan |
|--------------------|------------------|------|
| put-some-name-here | Conversation | Lite |

<https://console-regional.eu-gb.bluemix.net/account/usage?accountId=7c66686ec3f994c54309e4c950a5c895>



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

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

1.
Create your IBM Cloud account

2.
Create credentials for text projects

3.
Create credentials for images projects

4.
Billing

IBM Cloud Account

Secure | https://console-regional.eu-gb.bluemix.net/account/billing?accountId=7c66686ec3f994c54309e4c950a5c895

IBM Cloud

Catalog Docs Support Manage

Profile

Platform Notifications

Usage Dashboard

Billing

Cloud Foundry Orgs

Resource Groups

Billing: Demo Teacher's Account

Account Type: Lite

Free

DETAILS:

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

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

Feature & Promo Codes

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 a Visual Recognition service, or more than one Conversation 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.