

AI technology for text projects in *Machine Learning for Kids* is provided by Watson services in IBM Cloud.

Schools and not-for-profit coding clubs can request a "Managed Class" account so this can all be set up for them.

Other users need to create an IBM Cloud account and create some Watson services to add to your *Machine Learning for Kids* class.

Creating an IBM Cloud account is free.

Creating “**Lite Plan**” Watson services is **free**, but have restrictions on the number of machine learning models you can create with them.

Creating “Plus Plan” Watson services increases these restrictions.

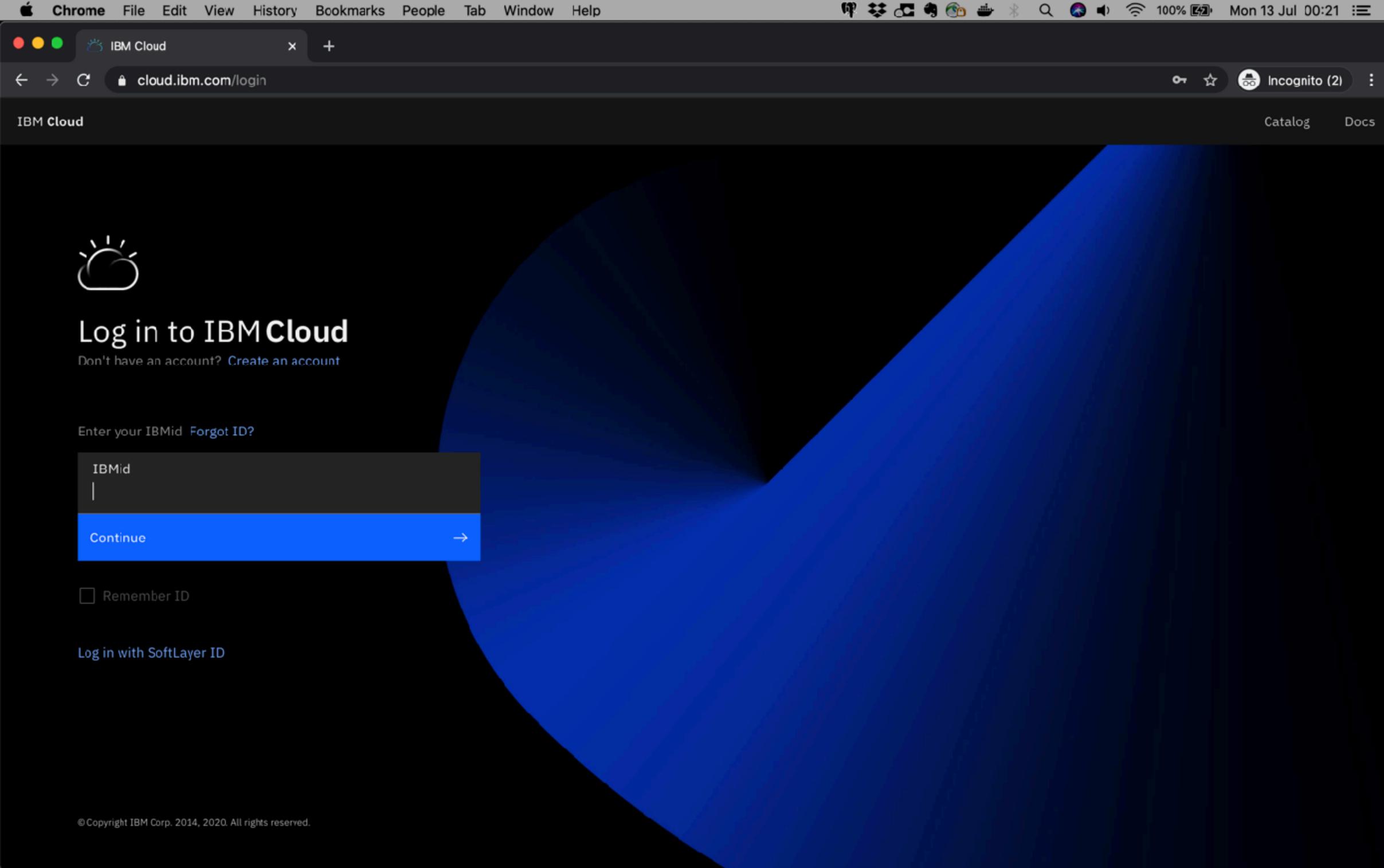
When you sign up you are given \$200 credit and pay per month after that.

This document gives you step-by-step instructions for how to do all of this.

1.
Create your IBM Cloud
account

2.
Create credentials
for text projects

3.
Billing



Go to <https://cloud.ibm.com>

Click on
'Create an account'

1.
Create your IBM Cloud
account

2.
Create credentials
for text projects

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Billing

Sign up for a free account at IBM Cloud



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

Create an account

1. Account information

Email

Password

Next ↓

2. Verify email

3. Personal information

Build for free on IBM Cloud

Develop for free, no credit card required

Apps, AI, analytics, and more. Build with 40+ Lite plan services at no cost to you - ever.

Access the full catalog at your fingertips

Upgrade your account and unlock 190+ unique offerings, plus get a \$200 credit to use with any offering you want. [Learn more.](#)

Cookie Preferences

1. Create your IBM Cloud account

2. Create credentials for text projects

3. Billing

Provide an email address and choose a password to use



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

Create an account

1. Account information

Email
mlforkidsdoc@ageokfc.com ✓

Password
.....

Next ↓

2. Verify email

3. Personal information

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1. Create your IBM Cloud account

2. Create credentials for text projects

3. Billing

Verify your email address



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

Create an account

1. Account information ✓ [Edit](#)

mlforkidsdoc@ageokfc.com
.....

2. Verify email

We sent a 7-digit verification code to **mlforkidsdoc@ageokfc.com**. This code is valid for 30 minutes. Want to create this account with a different email? [Edit email](#).

Verification code

Verification code is required.

[Next](#) ↓ [Resend code](#)

3. Personal information

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1. Create your IBM Cloud account

2. Create credentials for text projects

3. Billing

Enter your name and country

Create an account

1. Account information ✓ [Edit](#)

mlforkidsdoc@ageokfc.com
.....

2. Verify email ✓ [Edit](#)

Your email is verified.

3. Personal information

Lite plan services are always free, guaranteed. You'll be charged only if you use any billable plans. [Learn more](#)

First name: Teacher
Last name: Demo

Country or region: United Kingdom

Next ↓

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1. Create your IBM Cloud account

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Click 'Create account'



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

Create an account

1. Account information ✓ [Edit](#)

mlforkidsdoc@ageokfc.com
.....

2. Verify email ✓ [Edit](#)

Your email is verified.

3. Personal information ✓ [Edit](#)

Personal account
Teacher Demo
United Kingdom

Create account →

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1. Create your IBM Cloud account

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Review & accept the Privacy Policy

About your IBMid Account Privacy

This notice provides information about accessing your IBMid user account (Account). If you have previously been presented with a version of this notice, please refer to "Changes since the previous version of this notice" below for information about the new updates.

+ Changes since the previous version of this notice

+ What data does IBM collect?

+ Why IBM needs your data

+ How your data was obtained

+ How IBM uses your data

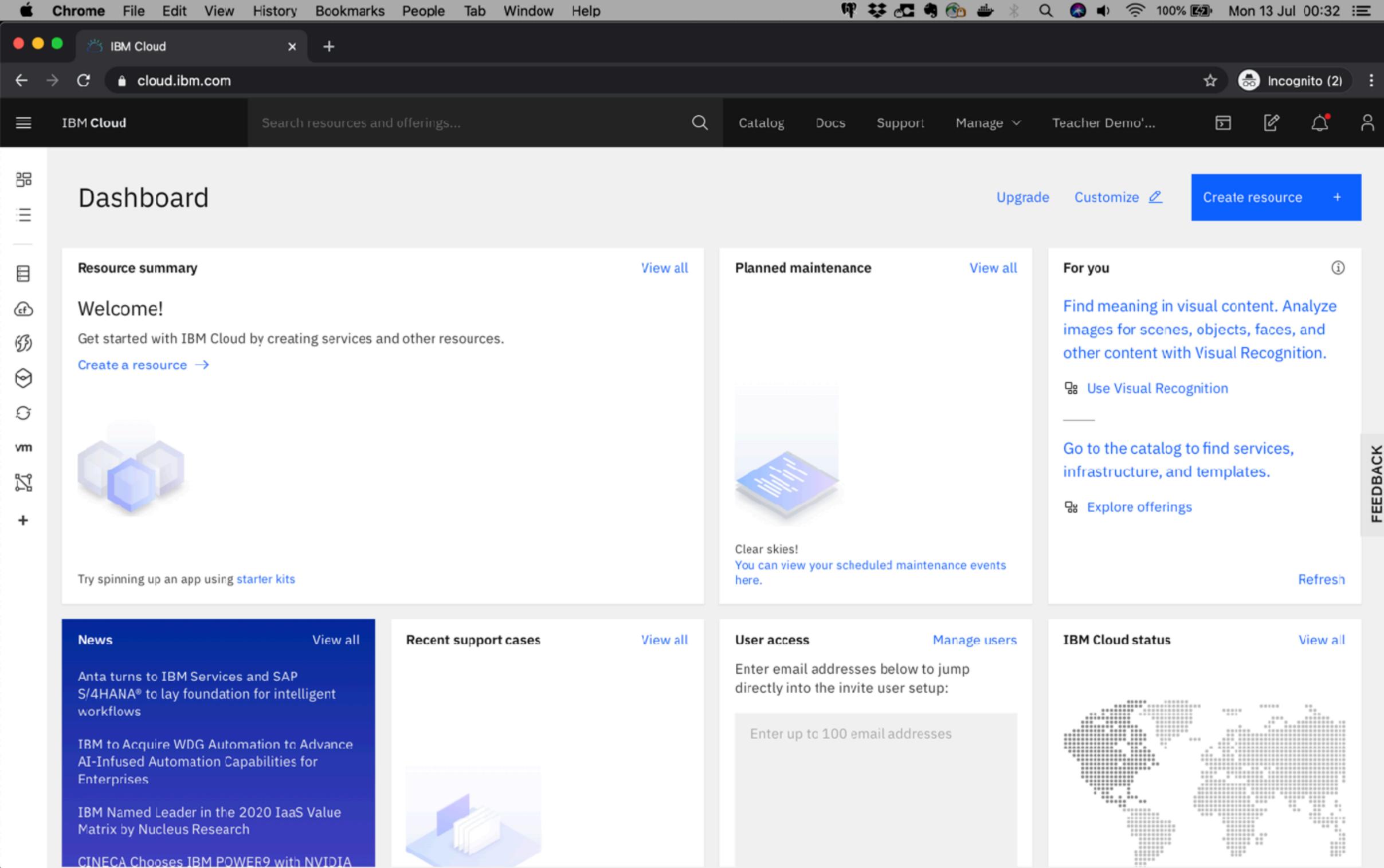
+ How IBM protects your data

+ How long we keep your data

1.
Create your IBM Cloud account

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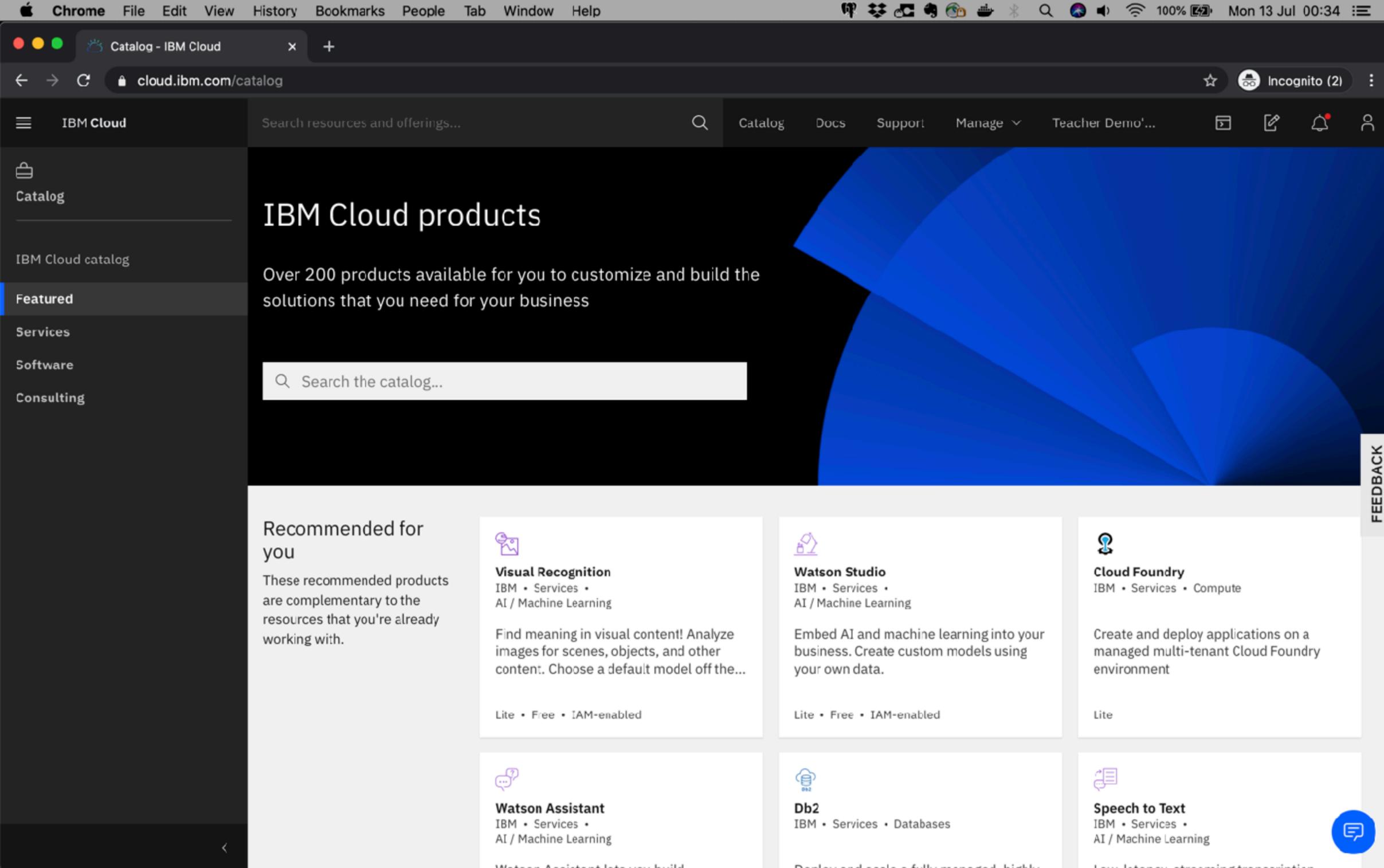
Your IBM Cloud account is now ready to use.

Click "Create resource" in the top right

1.
Create your IBM Cloud account

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

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Create your IBM Cloud account

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The screenshot shows the IBM Cloud Catalog interface. At the top, there is a search bar with the text "assistant" entered. Below the search bar, the results are displayed in a grid. The first result is "Watson Assistant", which is highlighted. The second result is "Cassandra", and the third is "Compose for ScyllaDB". The fourth result is "Content Delivery Network". The interface includes a navigation menu on the left with categories like "Catalog", "IBM Cloud catalog", "Featured", "Services", "Software", and "Consulting". There are also filters for "Category", "Product", and "Software".

Find “Watson Assistant” in the list.

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

Click on “Watson Assistant”

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Catalog / Services /

Watson Assistant

Author: IBM • Date of last update: 24/06/2020 • [Docs](#) • [API docs](#)

Create About

Select a region

Select a region

London

Select a pricing plan

Displayed prices do not include tax. Monthly prices shown are for country or region: [United States](#)

Plan	Features	Pricing
Lite	10,000 Messages/Month AI-Based Intent and Entity Recognition Entity Synonym Recommendations Visual Dialog Edit with Simple Response Types (Text, Options, Images, etc...) Prebuilt Content Available Analytics Dashboard with 7 Days of Storage 5 Dialog Skills, Each with 100 Dialog Nodes Shared Public Cloud Disambiguation	Free

The Lite plan gets you started with 10,000 API calls per month at no cost. And when you upgrade to a paid plan, you'll keep all your intents, entities, dialog flows, and chat logs.

Create

Add to estimate

[View terms](#)

FEEDBACK

Enter details for the Assistant service that you will create

The region/location that you choose doesn't really matter.

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

1. Create your IBM Cloud account

2. Create credentials for text projects

3. Billing

Plan	Features	Pricing
Lite	10,000 Messages/Month AI-Based Intent and Entity Recognition Entity Synonym Recommendations Visual Dialog Edit with Simple Response Types (Text, Options, Images, etc...) Prebuilt Content Available Analytics Dashboard with 7 Days of Storage 5 Dialog Skills, Each with 100 Dialog Nodes Shared Public Cloud Disambiguation	Free
Plus Trial	Everything in Plus, for 30 days, for free! 50,000 Messages 5,000 Users Creation limits consistent with the Lite Plan	Free
Plus	Everything in Lite, with these additions... Unlimited Users/Month 50 Dialog and Search Skills, Unlimited Dialog Nodes for Dialog Skills 10 Versions per Dialog Skill Web-chat and Service Desk Integrations Intent Recommendations Intent Conflict Detection Analytics Dashboard with 30 days of storage	\$120.00 USD/Thousand Authorized Users
Premium	Everything in Plus, with these additions... Analytics Dashboard with 90 Days of Storage Up to 30 Instances with the ability to share log and analytics data across them	

Pricing Plans are next.

The number of “Dialog Skills” 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 dialog skills.

Using the Lite plan will let you have 5 dialog skills.

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

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Lite services are deleted if you don't use them for 30 days, but if that happens you can come back to this page to create a replacement.

Chrome File Edit View History Bookmarks People Tab Window Help

Watson Assistant - IBM Cloud

cloud.ibm.com/catalog/services/watson-assistant

IBM Cloud Search resources and offerings... Catalog Docs Support Manage Teacher Demo'...

Plus **Everything in Lite, with these additions...** \$120.00 USD/Thousand Authorized Users
Unlimited Users/Month
50 Dialog and Search Skills, Unlimited Dialog Nodes for Dialog Skills
10 Versions per Dialog Skill
Web-chat and Service Desk Integrations
Intent Recommendations
Intent Conflict Detection
Analytics Dashboard with 30 days of storage

Premium **Everything in Plus, with these additions...**
Analytics Dashboard with 90 Days of Storage
Up to 30 Instances with the ability to share log and analytics data across them
Usage and Training Data is Private + Stored in an Isolated Single Tenant Environment
Mutual Authentication
Option to Disable Analytics Logging
50 Versions per Dialog Skill
HIPAA - Washington DC Only

Configure your resource

Service name: Put Any Name In Here

Select a resource group: Default

Tags: Examples: env:dev, version-1

Summary

Watson Assistant Free

Region: London
Plan: Plus Trial
Service name: Put Any Name In Here
Resource group: Default

Create

Add to estimate

View terms

FEEDBACK

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.

1.
Create your IBM Cloud account

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Create credentials for text projects

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Billing

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

Plus	Everything in Lite, with these additions... Unlimited Users/Month 50 Dialog and Search Skills, Unlimited Dialog Nodes for Dialog Skills 10 Versions per Dialog Skill Web-chat and Service Desk Integrations Intent Recommendations Intent Conflict Detection Analytics Dashboard with 30 days of storage	\$120.00 USD/Thousand Authorized Users
Premium	Everything in Plus, with these additions... Analytics Dashboard with 90 Days of Storage Up to 30 Instances with the ability to share log and analytics data across them Usage and Training Data is Private + Stored in an Isolated Single Tenant Environment Mutual Authentication Option to Disable Analytics Logging 50 Versions per Dialog Skill HIPAA - Washington DC Only	

Summary

Watson Assistant Free

Region: London
Plan: Plus Trial
Service name: Put Any Name In Here
Resource group: Default

Create

Add to estimate

[View terms](#)

FEEDBACK

Configure your resource

Service name:

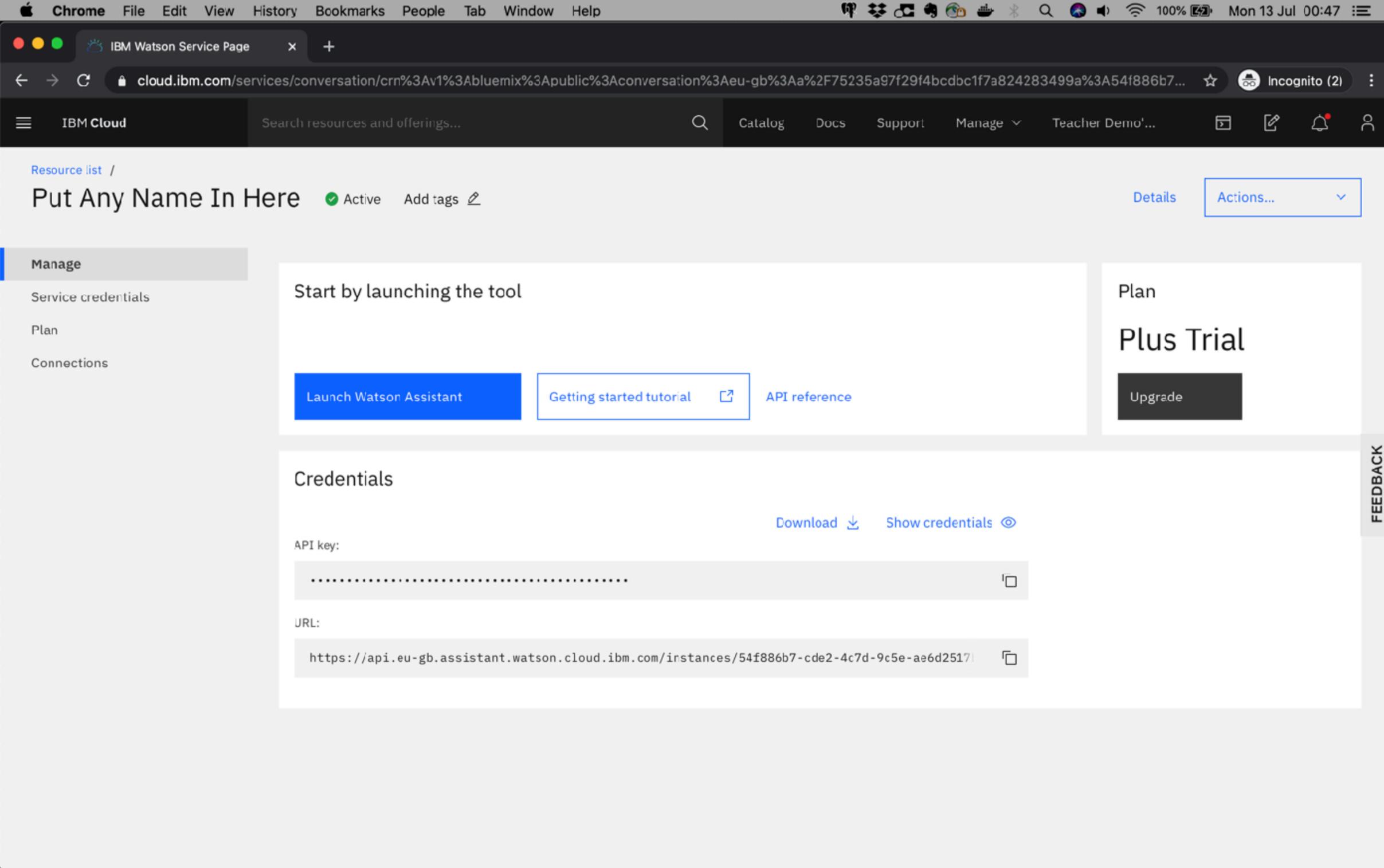
Select a resource group:

Tags:

1.
Create your IBM Cloud account

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

Click Show Credentials next to the eyeball in the "Credentials" box.

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Create your IBM Cloud account

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Billing

Chrome File Edit View History Bookmarks People Tab Window Help

IBM Watson Service Page

cloud.ibm.com/services/conversation/crn%3Av1%3Abluemix%3Apublic%3Aconversation%3Aeu-gb%3Aa%2F75235a97f29f4bcdbc1f7a824283499a%3A54f886b7...

Incognito (2)

IBM Cloud Search resources and offerings... Catalog Docs Support Manage Teacher Demo'

Resource list / Put Any Name In Here Active Add tags

Manage Service credentials Plan Connections

Start by launching the tool

Launch Watson Assistant Getting started tutorial API reference

Plan Plus Trial Upgrade

Credentials

Download Hide credentials

API key: FeepCYa5JYNEopQyZr2rC0Mhg4tqR_86HIrM-qSsoBsS

URL: https://api.eu-gb.assistant.watson.cloud.ibm.com/instances/54f886b7-cde2-4c7d-9c5e-ae6d2517|

FEEDBACK

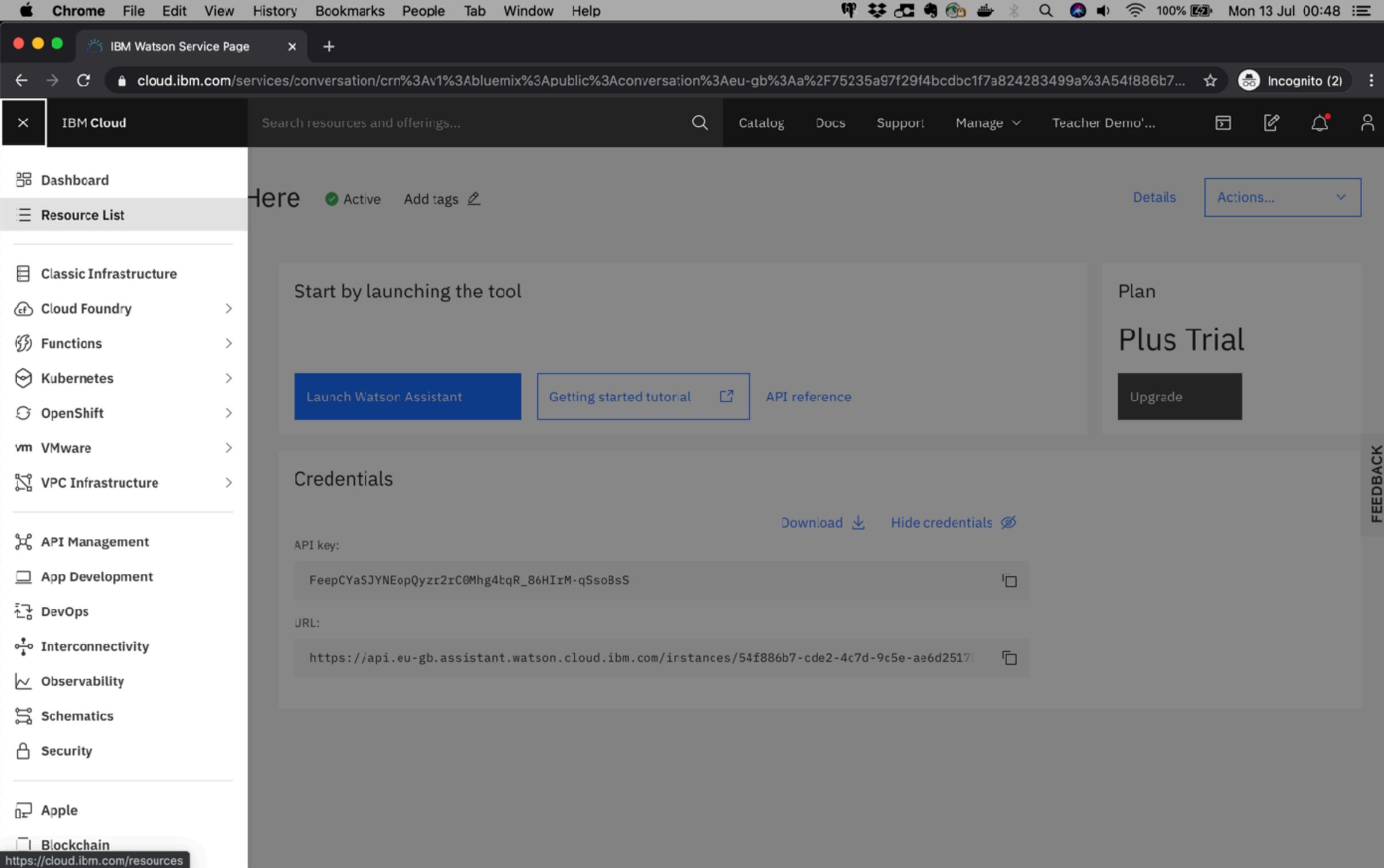
Copy the "API Key" value.

This is what you need to put into machinelearningforkids.co.uk

1. Create your IBM Cloud account

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Click on the four lines near the top left to find the menu that will get you back to the "Resource List"

1.
Create your IBM Cloud account

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Create credentials for text projects

3.
Billing

Resource list

Create resource +

Name	Group	Location	Offering	Status	Tags
Put Any Name In Here	Default	London	Watson Assistant	Active	-

The Resource List 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.
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For **text** projects, you'll need to create **Watson Assistant** instances

To recap, the prices...

Pricing Plan	How many of these can you create WITHOUT adding a credit card to your account?	How much does it cost to have this available for a month?	Additional cost when students train a 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	free	free	5	free	10,000 per month
Plus Trial	1	free	free	5	free	50,000 per month
Plus	0	£91.18	free	50	free	50,000 per month

*For **images**, **sounds** and **numbers** projects, no API keys are required*

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.
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Prices here quoted for the UK.

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

IBM Cloud Account

cloud.ibm.com/account/settings

Search resources and offerings...

Account settings

Account
Teacher Demo's Account
ID: 75235a97f29f4bcd1f7a824283499a

Account Type
Lite (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.

Account upgrade

Pay-As-You-Go
Add your credit card to unlock the full power of IBM Cloud with a Pay-As-Ycu-Go account. You'll still be eligible for free runtime and service allowances, and you'll be charged only for paid services that you use.
[Add credit card](#)

Subscription
Get discounted pricing and increased billing predictability when you commit to a set amount of usage over time.
[Upgrade](#)

Need help?
[Contact sales](#)

FEEDBACK

You can just use Lite Plan services at no charge.

Or, click **Add credit card** to enable access to Standard Plan services.

1.
Create your IBM Cloud account

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Create credentials for text projects

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Billing

The screenshot shows the IBM Cloud Account settings page in a browser. The main content area is titled "Unlock the full catalog" and includes text about upgrading to a Pay-as-you-go account. A modal window titled "Billing Information" is open, showing options for "Company Account" (selected) and "Personal Account". The form includes fields for "First Name" (Teacher), "Last Name" (Demo), "Address Line 1", "Address Line 2 (optional)", "Country/Region" (United Kingdom), "City", and "ZIP/Postal code". A sidebar on the left lists account settings, and a "FEEDBACK" button is visible on the right.

You can just use Lite Plan and Plus Trial Plan services at no charge.

Or, click **Add credit card** to enable access to Standard Plan services.

You may get \$200 of credit in your account if you do this. Refer to IBM Cloud for current promotions for new accounts.

1. Create your IBM Cloud account

2. Create credentials for text projects

3. Billing

The screenshot shows the IBM Cloud 'Resource list' page. The 'Manage' dropdown menu is open, showing options: Enterprise, Account, Billing and usage (highlighted), Access (IAM), and Catalogs. The main table lists resources with columns for Name, Group, Location, Offering, and Tags. Two resources are visible under the 'Services' group:

Name	Group	Location	Offering	Tags
Put Another Name In Here	Default	Dallas	Visual Recognition	Active
Put Any Name In Here	Default	London	Watson Assistant	Active

The **Billing and usage** pages will let you keep track of your usage of Watson services.

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