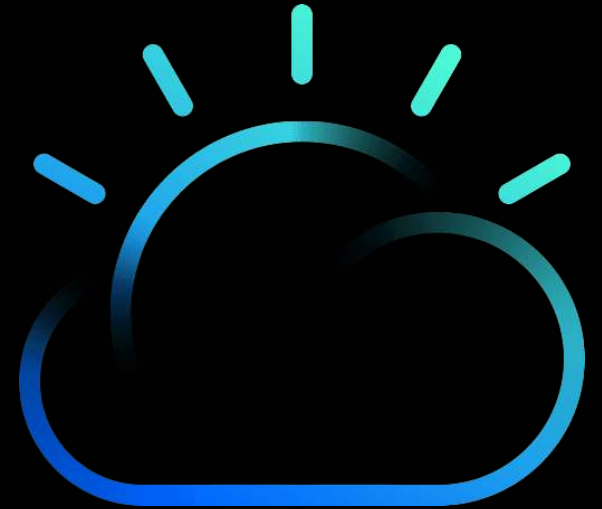






Evolution of IBM Cloud

SOFTLAYER®
an IBM Company

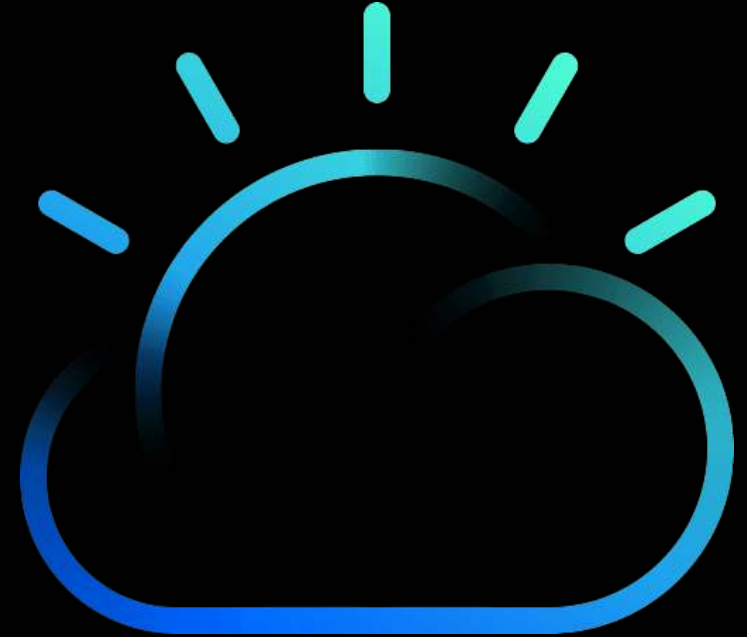


AI In 2013, IBM acquired SoftLayer, a public cloud platform, to serve as the foundation for its IaaS offering. In October 2016, IBM rolled the SoftLayer brand under its Bluemix brand of PaaS offerings, giving users access to both IaaS and PaaS resources from a single console. In October 2017, IBM then rebranded its entire cloud portfolio as IBM Cloud.



What is IBM Cloud?

IBM Cloud is a suite of cloud computing services from IBM that offers both platform as a service (PaaS) and Infrastructure as a Service (IaaS).

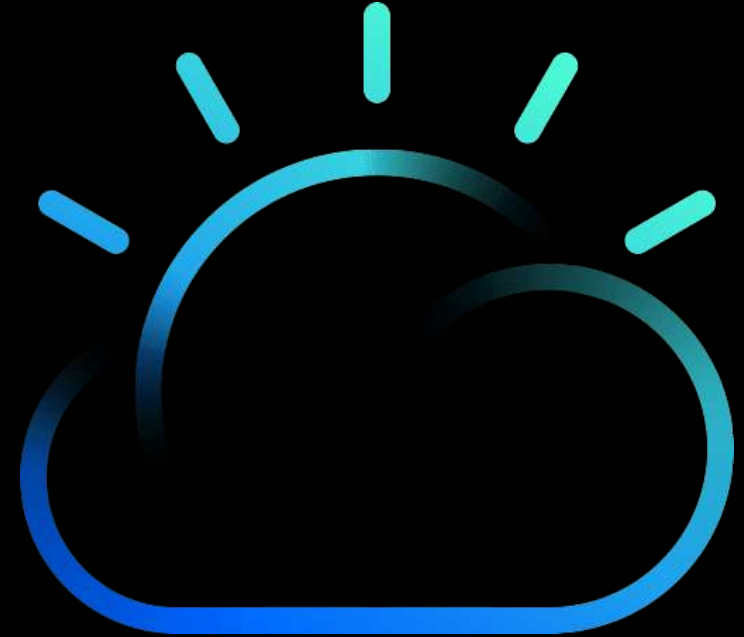




Why to use IBM Cloud?

With IBM Cloud IaaS, organizations can deploy and access virtualized IT resources – such as compute power, storage and networking – over the internet. For compute, organizations can choose between bare-metal or virtual servers

With IBM Cloud PaaS - which is based on the open source cloud platform Cloud Foundry - developers can use IBM services to create, manage, run and deploy various types of applications for the public cloud, as well as for local or on-premises environments. IBM Cloud supports various programming languages, such as Java, Node.js, PHP and Python and extends to support other languages.





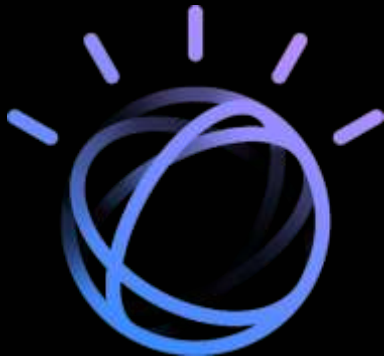
Features of IBM Cloud



IBM offers the widest array of database options, from relational to NoSQL, while helping ensure strong consistency, high integrity and no delay.



IBM Cloud powers AI-intensive workloads that demand data integrity, low latency and parallel processing. IBM Cloud also offers a broad range of IBM Watson® AI and machine learning APIs to build your own applications.



IBM Cloud secures data movement on a network of networks. Public, private and management traffic travel across separate network interfaces, segregating and securing traffic while streamlining management and helping you to manage data sovereignty and compliance regulations.



Tools provided by IBM Cloud

From **bare metal servers** to **serverless compute**, IBM offers resources for any workload

Manage **high-performance** and **cost-effective public, private and management networks**.

Choose from **robust** and **durable** object, block and **file storage services**.

Leverage Watson for **natural language processing**, visual recognition and machine learning.

Build transactional trust with an **enterprise ready blockchain platform**.

Migrate existing VMware workloads to the cloud with the help of IBM and partner services.



List of products and services offered by of IBM Cloud

 Compute

 Security

 IoT

 Integration

 Network

 Databases

 Mobile

 Migration

 Storage

 Management

 Analytics

 VMware

 AI

 Developer Tools

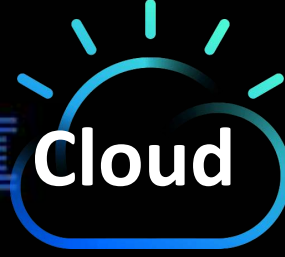
 Storage

 Blockchain

 Private Cloud



Deployment Models of IBM Cloud



Public

A public cloud that provides access to virtual servers in a multi-tenant environment. An enterprise can choose to deploy its applications in one or multiple geographical regions.

Dedicated

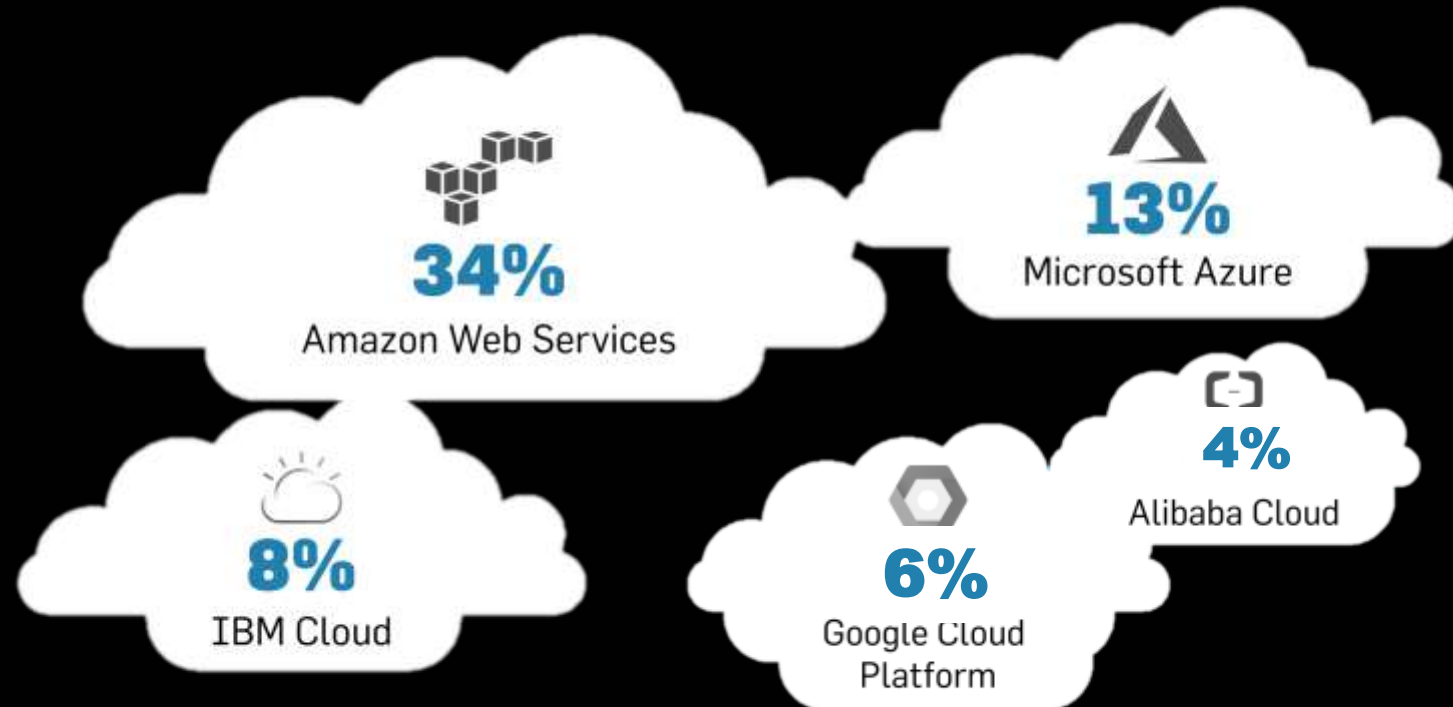
A single-tenant private cloud that IBM hosts in one of its data centers. An enterprise can connect to the environment using a direct network connection or virtual private network (VPN), and IBM manages the platform.

Private

A version of the IBM platform that an organization deploys as a private cloud in its own data center behind a firewall.



Cloud market shares worldwide of Cloud





Why is **IBM** Cloud different?



**Built for all
your Applications**



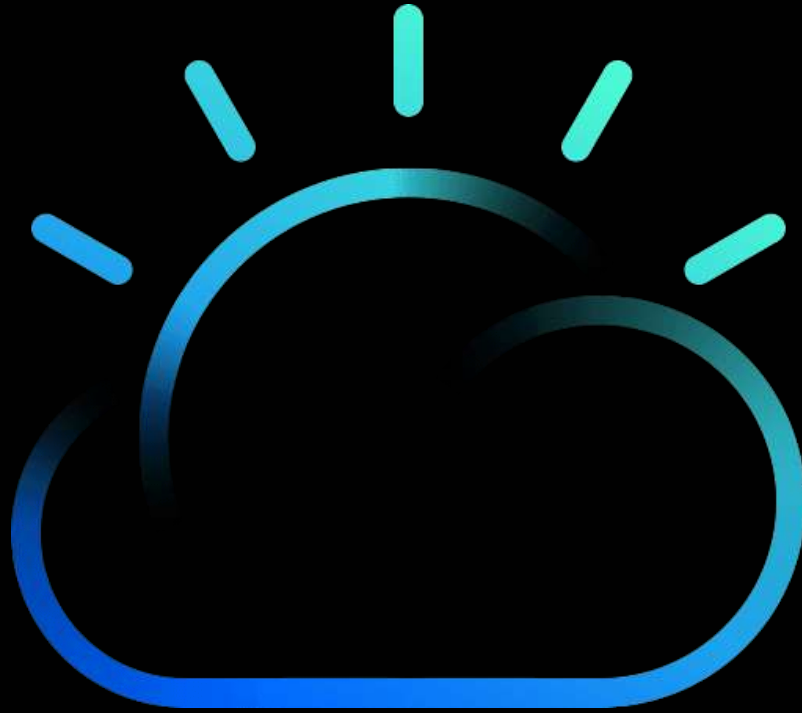
AI Ready



**Secure to the
Core**



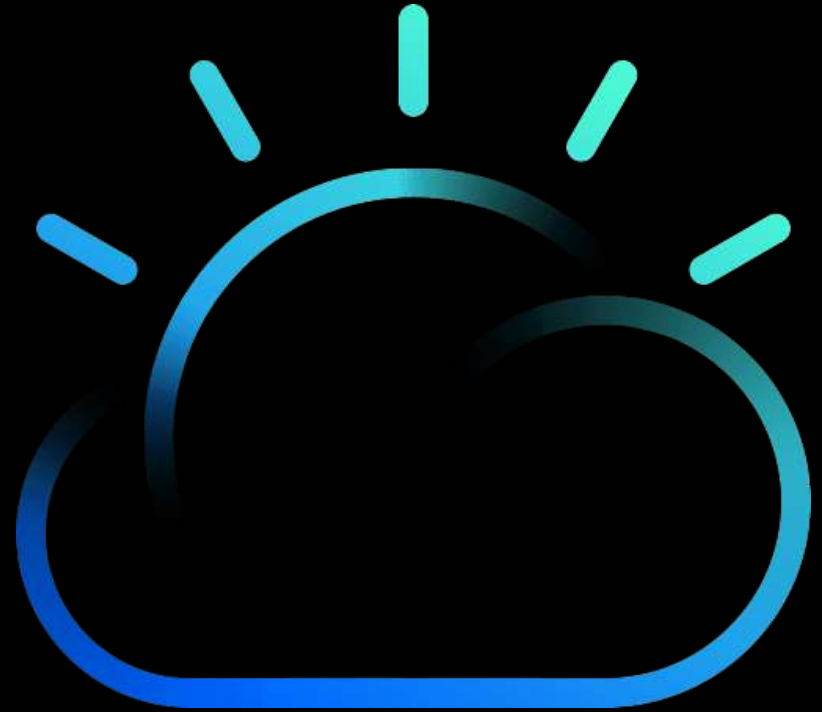
Getting started with





Prerequisite

- IBMid
- Knowledge of using a web dashboard





Dashboard of IBM Cloud after logging in with an IBMid

The screenshot shows the IBM Cloud dashboard interface. The top navigation bar includes the IBM Cloud logo, a search bar, and links for Catalog, Docs, Support, and Manage. The main content area is divided into several sections:

- Navigation Menu:** A blue callout pointing to the hamburger menu icon in the top left.
- User Controls:** A blue callout pointing to the 'Upgrade Account' and 'Create resource' buttons in the top right.
- Service Regions:** A blue callout pointing to the 'Location status' section, which lists Asia Pacific, Europe, and North America, each with a green checkmark.
- Resources summary:** A blue callout pointing to the 'Resources' section, which includes links for 'What is a resource?', 'Regions for resource deployment', and 'Best practices for organizing resources in resource group', along with a 'View all' link and a 'Create' button.
- Apps:** A blue callout pointing to the 'Apps' section, which includes a 'Go to support' link and a 'View status' link.

The dashboard also features a 'Planned maintenance' section with a 'Next event: Mon, Jan 2' and a list of planned upgrades. The bottom right section shows 'Support cases' with a 'Go to support' link.



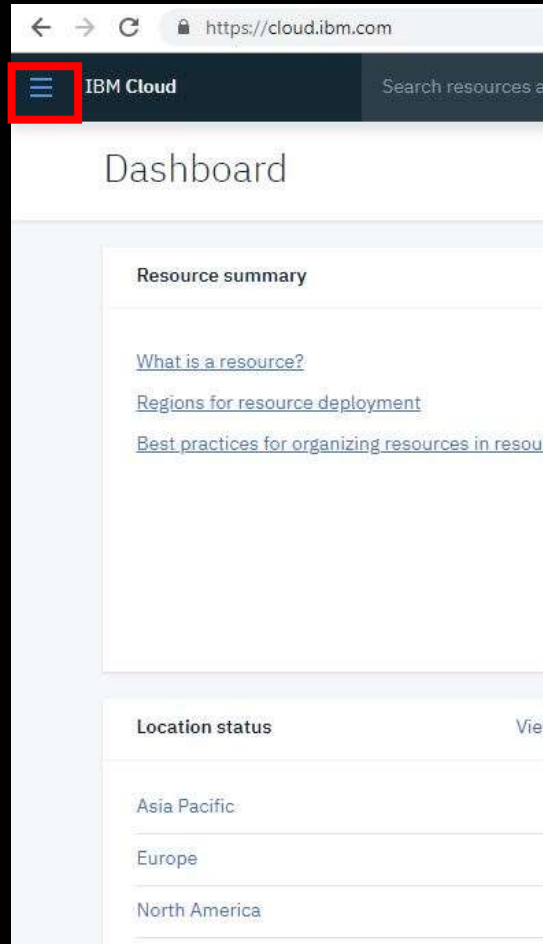
Dashboard of IBM Cloud after logging in with an IBMid (contd.)

The screenshot shows the IBM Cloud dashboard interface. The top navigation bar includes the IBM Cloud logo, a search bar, and links to Catalog, Docs, Support, and Manage. A red box highlights the user profile area. The main content area is divided into several sections:

- All services and Products**: A callout pointing to the 'Catalog' link in the top navigation bar.
- Usage of Resources**: A callout pointing to the 'Usage' section, which features a bar chart icon and the text 'You can view usage for billable resources here.'
- IBM Cloud Docs**: A callout pointing to the 'Docs' link in the top navigation bar.
- Multi-user**: A callout pointing to the 'User access' section, which features a group of people icon and the text 'Working alone is no fun. With the right permissions, you can see other users when they join this account. Learn more about users and access.' Below this is an 'Invite Users' button with a plus icon.
- Learning Resources & Tools**: A callout pointing to the 'Learn' section, which lists various resources like 'Extend your resources with tools', 'Manage your account and users', 'Check out our solution tutorials', 'IBM Developer', 'Architecture Center', and 'IBM Skills Gateway'. A 'View more' link is also present.

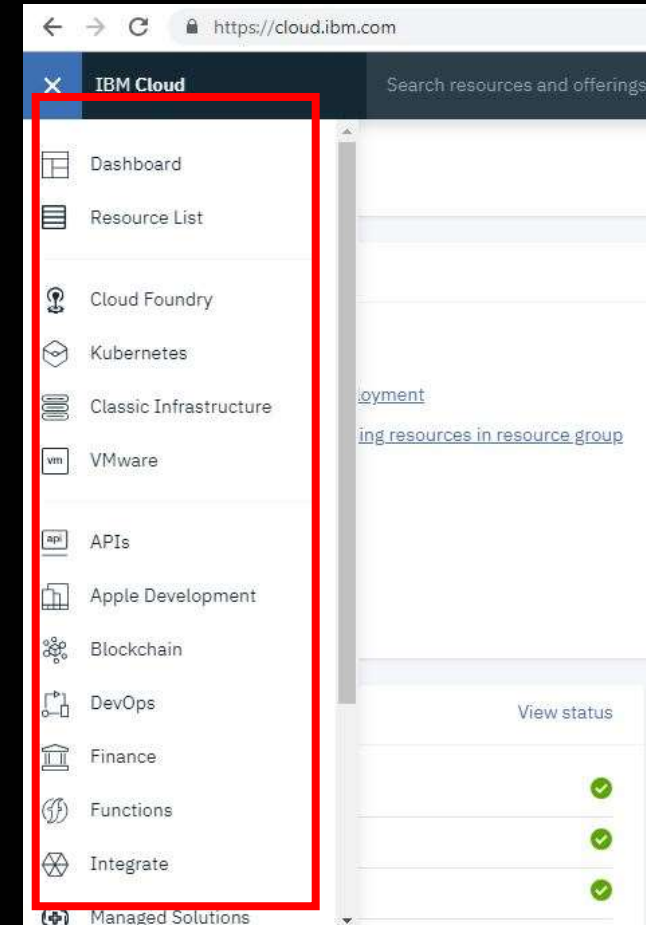


Dashboard of IBM Cloud after logging in with an IBMid (contd.)



Navigation Menu

Services for the user





Pricing

The screenshot shows the IBM Cloud account settings page. The left sidebar contains a navigation menu with the following items: Account, Overview, Account resources, Best practices, Resource groups, Cloud Foundry orgs, Tags, Audit log, Account settings, Company contacts, Notifications, and Company profile. The main content area is titled 'Account settings' and contains two sections: 'Account' and 'Account upgrade'. The 'Account' section shows the account name (redacted) and the 'Account Type' as 'Lite (Free)', which includes 256 MB of free memory each month. The 'Account upgrade' section features a 'Pay-As-You-Go' option, which allows users to add a credit card to unlock the full power of IBM Cloud. A blue callout box labeled 'Cost Calculator' points to the top right of the page. Another blue callout box labeled 'Not in Lite Plan' points to the 'Pay-As-You-Go' option. The 'Add credit card' button is visible at the bottom of the 'Pay-As-You-Go' section.

IBM Cloud

Search resources and offerings...

Catalog Docs Support Manage

Account

Overview

Account resources

Best practices

Resource groups

Cloud Foundry orgs

Tags

Audit log

Account settings

Company contacts

Notifications

Company profile

Account settings

Account

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-You-Go account. You'll still be eligible for free runtime and service allowances, and you'll be charged only for the services that you use.

Add credit card

Cost Calculator

Not in Lite Plan



Worldwide cloud infrastructure services market share

