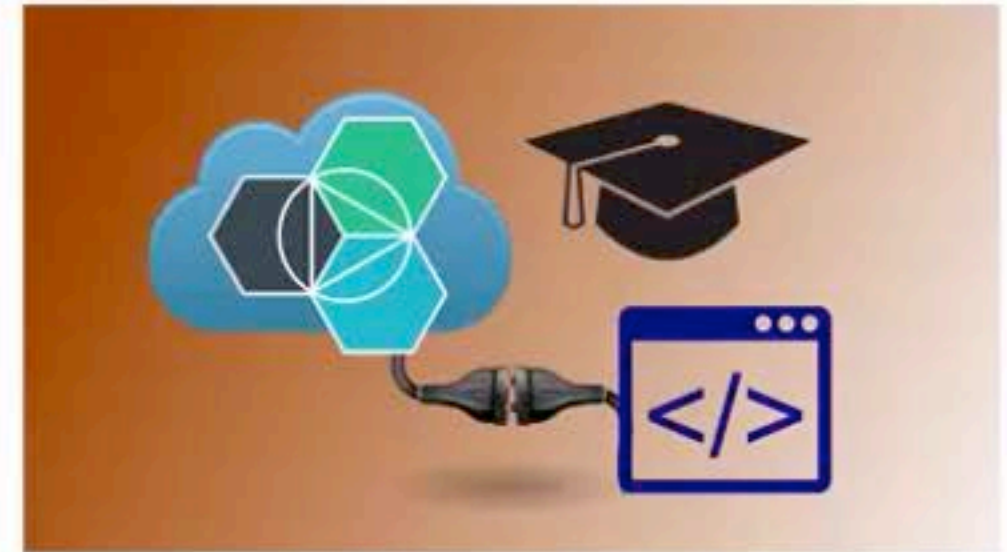


# Bluemix Account



## Learning Objectives:

1. Account types – Free, Pay as you go, Subscription, Dedicated & Local
2. Understand what free trial account offers
3. What happens after the 30 day free trial expires?



# Account types

- **Free** Valid only for **30** days
- **Pay-as-you-go** No up front costs. Depends on the resources used
- **Subscription** Upfront commitment – discounted prices
- **Dedicated** Cloud based dedicated Bluemix infrastructure
- **Local** On-premise based Bluemix infrastructure



# Free trial account

- Valid for **30** days
- You can develop applications and services
- Following resources are available free of charge
  1. Maximum 2 GB memory
  2. 10 Services
  3. 1 SSL Certificate



# Beyond 30 days trial

- The applications in the account will be stopped
- You can still access your account
- You may covert the account to **Pay as you Go** or **Subscription** account



After 30 days free trail - Signup for pay as you go and keep your apps down. Use the free services. That way free quota will keep your monthly charge to minimal.





# Summary

- 5 Types of accounts – Free, Pay as you go, Subscription, Dedicated & Local
- Trial account is valid for 30 days
- After 30 days you have the option to convert account to a Paid account



[Get started now!](#)



# Welcome to **Bluemix**



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Watson



Integrate



DevOps



Security



Application  
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Mobile



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APIs



# Sign up for IBM Bluemix

Your 30-day trial is free, with no credit card required. You get access to 2 GB of runtime and container memory to run apps, unlimited IBM services and APIs, and complimentary support.

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Already signed up for Bluemix? [Log in](#)

First Name\*

Email Address\*

Last Name\*

Password\*

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Re-enter Password\*

Company

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Select your country or region.

Security Answer\*

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CREATE ACCOUNT

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





## Log In to Bluemix with your IBM id

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Password

[Forgot your password?](#)

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The screenshot shows the IBM Bluemix website homepage. At the top, there's a navigation bar with links for SOLUTIONS, CATALOG, PRICING, DOCS, and COMMUNITY, along with SIGN UP and LOG IN buttons. The main header features the IBM Bluemix logo and the tagline 'The Digital Innovation Platform'. A 'GET STARTED FREE' button is prominently displayed. Below this, a section titled 'Build your apps, your way.' describes the platform's capabilities. Three main service boxes are shown: 'Instant Runtimes' (based on Cloud Foundry), 'IBM Containers' (portable and consistent delivery), and 'Virtual Servers' (flexibility and control over the environment). The OpenStack logo is also visible at the bottom right.

IBM Bluemix Ready? [Try the new Bluemix](#) | New! [Try OpenWhisk](#)

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# IBM Bluemix

## The Digital Innovation Platform

[GET STARTED FREE](#)


BUILD EXTEND SCALE INTEGRATE FEATURED

### Build your apps, your way.

Use a combination of the most prominent open-source compute technologies to power your apps. Then, let Bluemix handle the rest.


#### Instant Runtimes

App-centric runtime environments based on Cloud Foundry.




#### IBM Containers

Portable and consistent delivery of your app without having to manage an OS.



#### Virtual Servers

Get the most flexibility and control over your environment with Virtual Servers.



Watson new-console.ng.bluemix.net...



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https://new-console.ng.bluemix.net/docs/

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Cloud Rocket | Development

Docs

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Security

Pricing

Troubleshooting

Compute

- Cloud Foundry Apps
- IBM Bluemix OpenWhisk
- Containers
- Virtual Servers

Network

- Content Delivery Network (CDN)
- Network Security Groups
- Virtual Private Network (VPN)

Storage

- Block Storage
- Object Storage

Data & Analytics

- Analytics for Apache Hadoop
- Analytics for Apache Spark
- BigInsights
- Cloudbant NoSQL Database
- dashDB
- DB2 on Cloud
- Elasticsearch by Compose
- Geospatial Analytics
- IBM DataWorks
- IBM Graph
- Insights for Twitter

Watson

- AlchemyAPI
- Concept Expansion
- Concept Insights
- Dialog
- Language Translation
- Natural Language Classifier
- Personality Insights
- Relationship Extraction
- Retrieve and Rank
- Speech to Text
- Text to Speech

Integrate

- Cloud Integration
- Secure Gateway
- Service Discovery

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IBM Bluemix Console

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sakhuja4@gmail.com  
Account | Status | Log Out

Region US South

Organization Cloud Rocket

Space Development

Manage Organizations Create a Space

**Notifications**  
You have no new notifications

**Support**

**Get help**  
Get help on anything from technical support to sales inquiries.

**Submit an Idea**  
Help us help you. Submit ideas for improvements to Bluemix!

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APIs

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Get answers now. Search our documentation and posts from the Stack Overflow community (which we actively monitor).

POST TO STACK OVERFLOW

**Still having trouble?**  
GET IN TOUCH

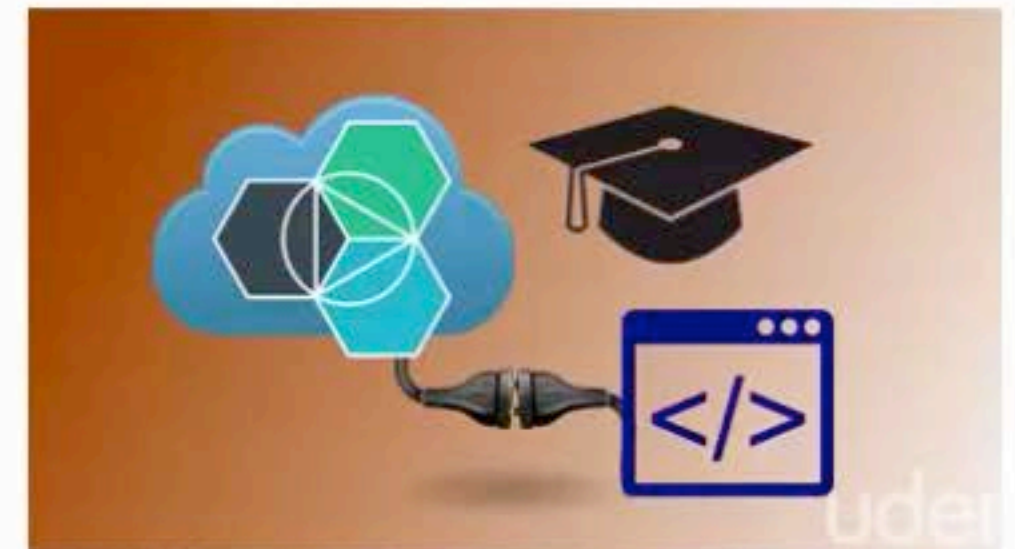
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# Managing Bluemix Account

## Learning Objectives:

1. Be able to describe :  
Organizations, Spaces,  
Users, Quotas & Domains
2. Understand the relationship between these elements

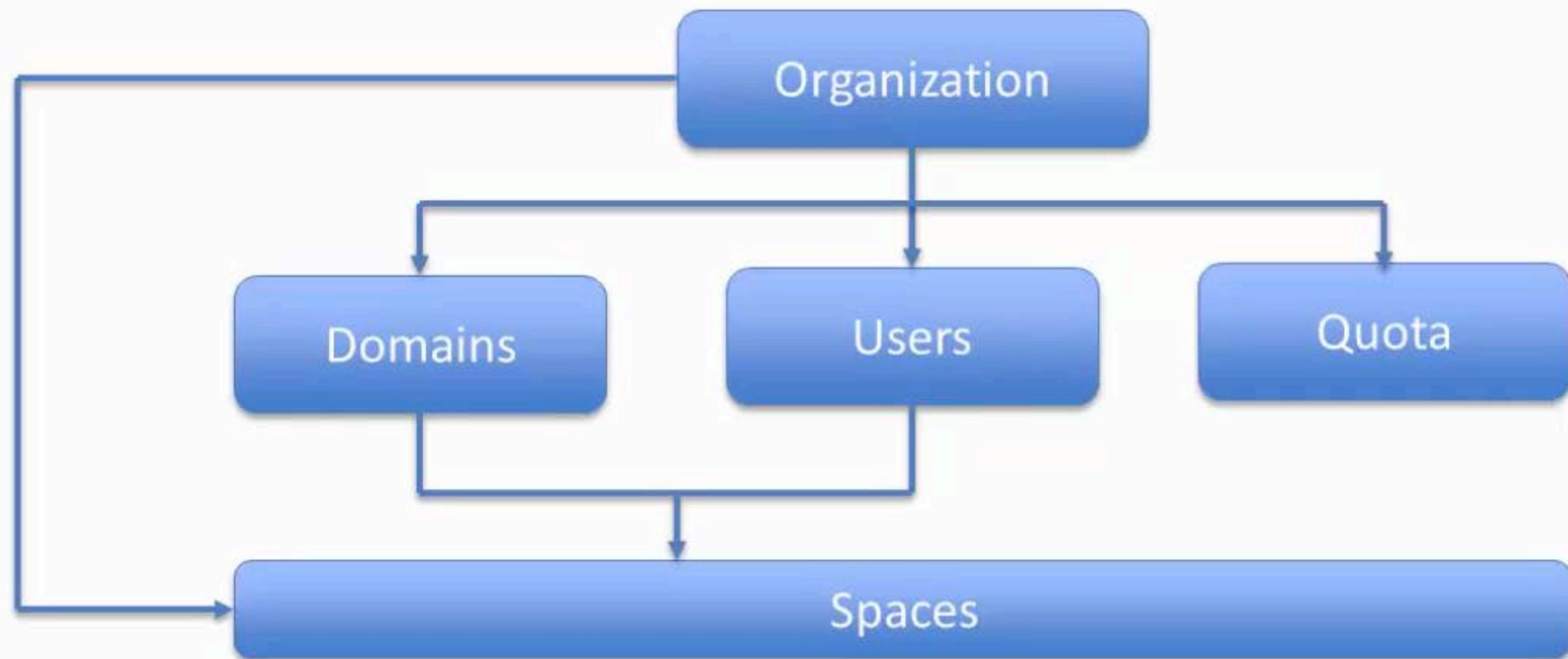


# Organizations

- A grouping mechanism for better control and manageability for various elements created in your account
- By default an organization with the name=your\_email\_id is created
- The concept of organization may be used in different ways depending on your needs



# Elements overview





## Spaces

- A mechanism to group related:
  1. Applications
  2. Services
  3. Users
- All organizations have at least 1 space
- As an organization owner you can create multiple spaces within your organization


E.g., DEV, QA, Production



## Users

- Participate in organizations and have varying capabilities depending on the assigned **Role**. May be members of multiple organizations & can use the dashboard on portal to switch between organizations
- Once the user is created in the organization, they can be granted access to the spaces within the organization
- There are 2 types of users:
  1. **Member**                      User who created the account. Or accepted invitation
  2. **Collaborator**              You already are using the account but accepted invitation to join this account



A blue rounded rectangular button with the word "Users" in white text.

# Roles

- Organization roles
  1. Organization **Manager**
  2. Organization **Billing Manager**
  3. Organization **Auditor**
- Space roles
  1. Space **Managers**
  2. Space **Developers**
  3. Space **Auditors**





## Domains

- Provide route on the internet for the organization. By default if you do not setup a domain it is *mybluemix.net*
- An application route is composed of the hostname (application name) + the domain name.

E.g.,      myapp.mybluemix.net      << *default domain*

E.g.,      myapp.acme.com      << *custom domain acme.com*

- To add a custom domain you need to setup your DNS to point your domain to the Bluemix system domain



## Quota

- Defines the resource limits on the organization at **Cloud Foundry** & at **Container** level.

E.g.,      Memory      512 GB by default for Cloud Foundry

E.g.,      Public IP      2 by default for Containers

- All applications under the spaces defined under the same organization will contribute towards usage of resources from the defined quota
- Quotas can be changed as the needs of the organization changes







## Organization

- Enabler for collaboration among the users
- Facilitates logical grouping of project resources
  - Group the spaces, applications, services, domains, routes and users together in an organization
  - Manage the access to organization and spaces on per user basis
- Organization names MUST be unique in Bluemix. Creator of the organization is automatically assigned the role of Organization Manager



1x

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# Summary

