

**Exp No: 5**

**Date: 21/08/2024**

**PUBLIC CLOUD**

**CREATING AN INSTANCE IN IBM CLOUD**

**AIM:**

Develop a simple application to understand the concept of PAAS using IBM CLOUD.

**PROCEDURE:**

1. In the IBM Cloud console, go to Menu icon Menu icon > VPC Infrastructure > Compute > Virtual server instances.
2. Click Create and enter the information required.
3. Click Create virtual server instance when you are ready to provision

**OUTPUT:**

Catalog - IBM Cloud

cloud.ibm.com/catalog#services

IBM Cloud

Search resources and offerings...

Search the catalog...

Services

Explore our broad portfolio of managed services for infrastructure, developer tools, and more to build your apps on the public cloud.

All Categories 173 items

|                                                                                                                                                                                                                      |                                                                                                                        |                                                                                                                                                                                                 |                                                                                                                               |                                                                                                                                                                               |
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| <b>Accern-API</b><br>Third party • Developer Tools<br>Get the most advanced breaking news technology for your investment strategies.<br>Free                                                                         | <b>AccountScore</b><br>Third party • Analytics<br>AccountScore Open Banking & transaction analytics<br>Free            | <b>Actifio GO</b><br>Third party • Storage<br>SaaS platform for backup/DR/cloning/migration of Enterprise workloads in IBM Cloud<br>IAH-enabled                                                 | <b>Alloy</b><br>Third party • Developer Tools<br>API for identity (KYC, AML & fraud)<br>Free                                  | <b>Analytics Engine</b><br>IBM • Analytics<br>Flexible framework to deploy Hadoop and Spark analytics applications.<br>Lite • Free • IAH-enabled • Service Endpoint Supported |
| <b>Annotator for Clinical Data</b><br>IBM • AI / Machine Learning<br>Analyze text to extract medical codes and concepts such as diseases, lab values, medications, procedures and more.<br>Lite • Free • IAH-enabled | <b>API Connect</b><br>IBM • Integration<br>Create, manage, enforce, and run APIs.<br>Lite • Free • IAH-enabled         | <b>API Gateway</b><br>IBM • Developer Tools<br>A developer-focused solution for creating, securing, and sharing API proxies and custom APIs backed by IBM Cloud...<br>Lite • Free • IAH-enabled | <b>App Connect</b><br>IBM • Integration<br>Connect your applications, automate tasks, and improve productivity<br>Lite • Free | <b>App ID</b><br>IBM • Security<br>User Authentication and User Profiles for your apps.<br>Lite • Free • IAH-enabled                                                          |
| <b>AT&amp;T Flow Designer</b><br>Third party • Internet of Things<br>Design, Build and Deploy IoT Solutions in Minutes                                                                                               | <b>AT&amp;T IoT Data Plans</b><br>Third party • Internet of Things<br>Launch your IoT product fast with IoT data plans | <b>Bare Metal Server</b><br>IBM • Compute<br>Bare metal servers provide the raw horsepower you demand for your:<br>resource-intensive and disk I/O-intensive                                    | <b>Bitbar Testing Cloud</b><br>Third party • Mobile<br>Mobile device cloud with real devices only                             | <b>Block Storage</b><br>IBM • Storage<br>Persistent iSCSI based storage with high-powered performance and capacity up to 12TB                                                 |

FEEDBACK

Catalog - IBM Cloud

cloud.ibm.com/catalog#categories/compute/services

IBM Cloud

Search resources and offerings...

Search the catalog...

Services

Explore our broad portfolio of managed services for infrastructure, developer tools, and more to build your apps on the public cloud.

Filters: Compute X Clear all

Compute 10 items

Compute / Virtual Machines

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| <b>Virtual Server for VPC</b><br>IBM • Compute<br>Our all-new x86 virtual machines with faster provisioning, higher performance, and enhanced isolation.<br>IAH-enabled | <b>Virtual Server</b><br>IBM • Compute<br>Our virtual servers deliver a higher degree of transparency, predictability, and automation for all workload types. Virtual...<br>IAH-enabled | <b>Power Systems Virtual Server</b><br>IBM • Compute<br>Provision flexible, secure, and scalable compute capacity for Power Systems enterprise workloads<br>IAH-enabled | <b>Hyper Protect Virtual Server</b><br>IBM • Compute<br>Create and run LinuxONE-based virtual servers with exclusive access to your data and complete authority over your sensitiv...<br>Free • IAH-enabled | <b>Skytap On IBM Cloud</b><br>Third party • Compute<br>Skytap is a cloud service designed specifically to natively run AIX, Linux and IBM i on POWER and x86, Windows and...<br>IAH-enabled |
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Compute / Bare Metal Servers

|                                                                                                                                                                            |                                                                                           |
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| <b>Bare Metal Server</b><br>IBM • Compute<br>Bare metal servers provide the raw horsepower you demand for your processor-intensive and disk I/O-intensiv...<br>IAH-enabled | <b>VMware Solutions</b><br>IBM • Compute<br>IBM Cloud for VMware Solutions<br>IAH-enabled |
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Compute / Serverless Compute

IBM Cloud - Virtual server instance

cloud.ibm.com/en/infrastructure/provision/vs

IBM Cloud Search resources and offerings...

Catalog / Virtual server instance View docs

Delivers rapid scalability with pre-defined sizes that get you up and running quickly.

Type of virtual server

Public Multi-tenant **Dedicated** Single-tenant Transient Multi-tenant Ephemeral Reserved Multi-tenant Term commitment

Public instance

Quantity: 1 Billing: Hourly Hostname: virtualserver01 Domain: Chris-Account.cloud

Placement group: What is a placement group? None New group

Location: NA West SJC03 - San Jose NA South DAL13 - Dallas NA East WDC07 - Washington South America SAO01 - Sao Paulo Europe FRA02 - Frankfurt Asia-Pacific TOK02 - Tokyo

Popular profiles All profiles

Compute C1.1x1 1 vCPUs 1 GB RAM

Balanced B1.2x4 2 vCPUs 4 GB RAM

Memory M1.4x32 4 vCPUs 32 GB RAM

Balanced B1.8x8 8 vCPUs 16 GB RAM

Summary

Virtual server instance (Public) \$0.085/hr

Balanced B1.2x4 2 vCPUs 4 GB RAM DAL13 - Dallas CentOS 7.x - Minimal Install (64 bit)

Add-ons

Boot disk - 25 GB \$0.000

Network interface \$0.000

100 Mbps rate-limited public & private network uplinks

Add-ons

Apply promo code

Total due per hour\* \$0.09 estimated

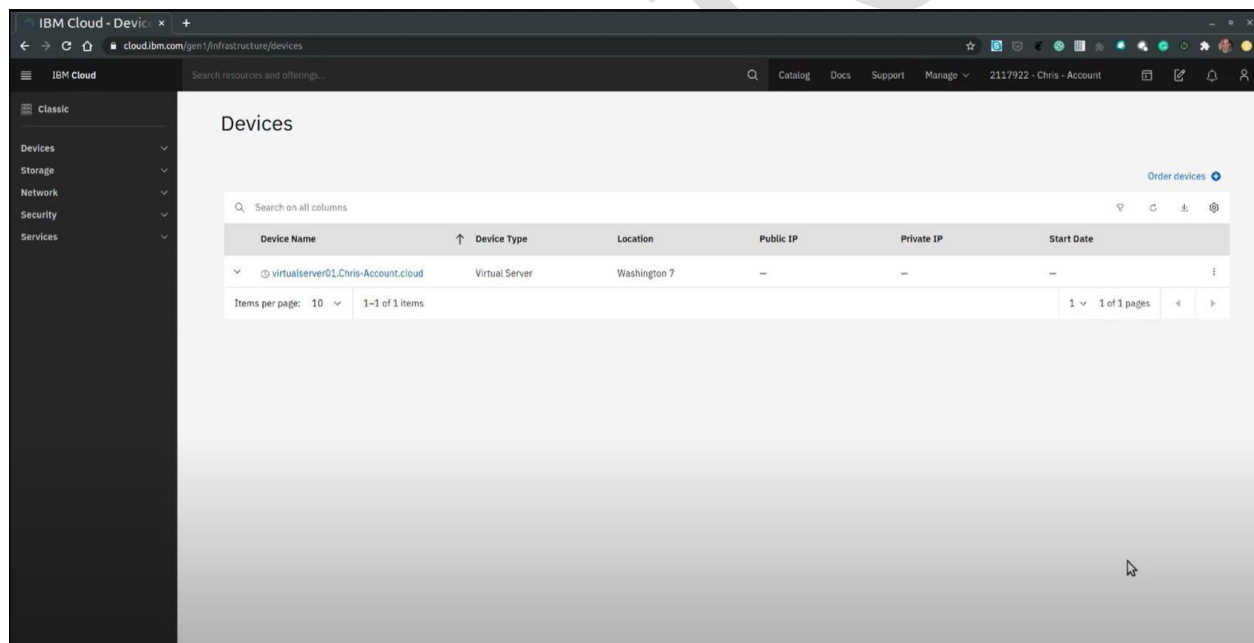
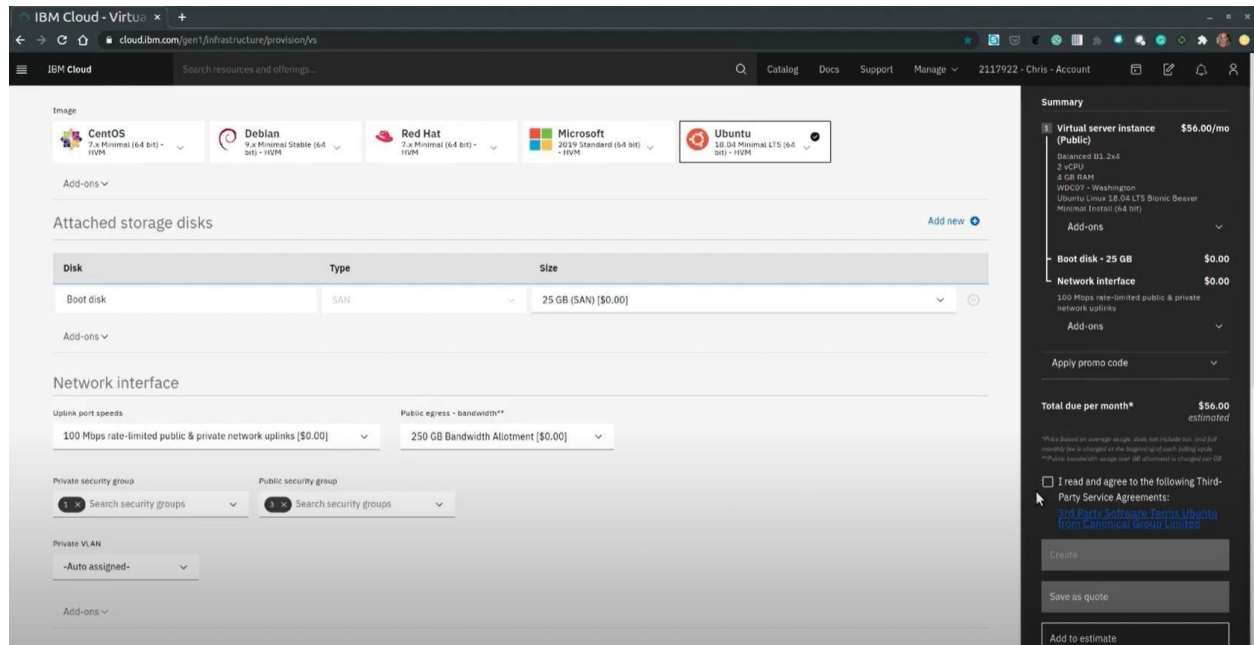
\*Hourly base price. Storage, storage and data cost variable fees. \*\*Public bandwidth charged per GB.

I read and agree to the following Third-Party Service Agreements: [IBM Party Software Terms & Conditions](#)

Create

Save as quote

Add to estimate



## RESULT:

Simple application to understand PAAS successfully implemented using IBM CLOUD.