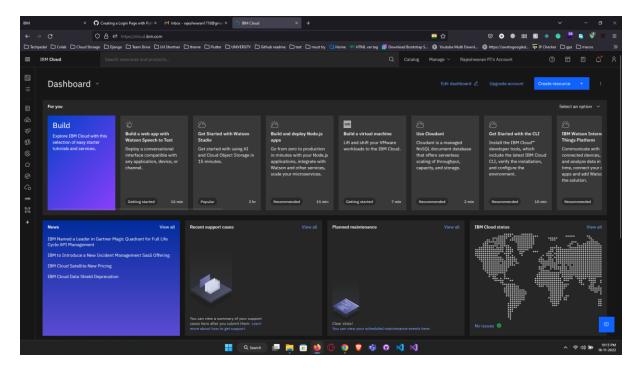# Setting up Application Environment

Install IBM Cloud CLI

Team ID	PNT2022TMID52529
Project Name	Inventory Management System
Date	24 OCT 2022

Step 1: First login with **cloud.ibm.com.**

Next search with Container Registry in IBM search catalogue

Step 2: Install the IBM Cloud CLI

Step 3: In cloud CLI there is list of commands insert the into our windows command prompt

```
Attempting to download the binary file...
 26.37 MiB / 26.37 MiB [=====================================================================] 100.00% 21s
27653120 bytes downloaded
Installing binary...
FAILED
Unable to obtain plug-in's metadata. Error: exit status 0xc0000022


C:\Users\Star>ibmcloud plugin install container-registry
Looking up 'container-registry' from repository 'IBM Cloud'...
Plug-in 'container-registry[cr] 1.0.2' found in repository 'IBM Cloud'
Attempting to download the binary file...
 11.49 MiB / 11.49 MiB [=====================================================================] 100.00% 6s
12043776 bytes downloaded
Installing binary...
OK
Plug-in 'container-registry 1.0.2' was successfully installed into C:\Users\Star\.bluemix\plugins\container-registry. Use 'ibmcloud plugin show container-registry' to s
how its details.

C:\Users\Star>ibmcloud plugin install observe-service
Looking up 'observe-service' from repository 'IBM Cloud'...
Plug-in 'observe-service 1.0.82' found in repository 'IBM Cloud'
Attempting to download the binary file...
 12.88 MiB / 12.88 MiB [=====================================================================] 100.00% 6s
13502464 bytes downloaded
Installing binary...
OK
Plug-in 'observe-service 1.0.82' was successfully installed into C:\Users\Star\.bluemix\plugins\observe-service. Use 'ibmcloud plugin show observe-service' to show its
details.

C:\Users\Star>ibmcloud plugin list
Listing installed plug-ins...

Plugin Name            Version   Status   Private endpoints supported
container-registry     1.0.2              true
observe-service[ob]    1.0.82             false


C:\Users\Star>
```

```
C:\Users\Star>ibmcloud
NAME:
  ibmcloud - A command line tool to interact with IBM Cloud
  Find more information at: https://ibm.biz/cli-docs

USAGE:
  [environment variables] ibmcloud [global options] command [arguments...] [command options]

VERSION:
  2.12.1+b8488a1-2022-10-31T15:08:10+00:00

COMMANDS:
  account      Manage accounts, users, orgs and spaces
  api          Set or view target API endpoint
  billing      Retrieve usage and billing information
  catalog      Manage catalog
  cf           Run Cloud Foundry CLI with IBM Cloud CLI context
  config       Write default values to the config
  enterprise   Manage enterprise, account groups and accounts.
  iam          Manage identities and access to resources
  login        Log user in
  logout       Log user out
  plugin       Manage plug-ins and plug-in repositories
  regions      List all the regions
  resource     Manage resource groups and resources
  resources    List all resources
  sl           Manage Classic infrastructure services
  target       Set or view the targeted region, account, resource group, org or space
  update       Update CLI to the latest version
  version      Print the version
  help, h      Show help

Enter 'ibmcloud help [command]' for more information about a command.

ENVIRONMENT VARIABLES:
  IBMCLOUD_COLOR=false                   Do not colorize output
  IBMCLOUD_VERSION_CHECK=false           Do not check latest version for update
  IBMCLOUD_HTTP_TIMEOUT=5                A time limit for HTTP requests
  IBMCLOUD_API_KEY=api_key_value         API Key used for login
  IBMCLOUD_CR_VPC_URL=url_value          The custom server URL to use when obtaining an instance identity token and IAM token as a VPC VSI compute resource. This valu
e will replace the default server endpoint of the VPC VSI instance identity token service.
  IBMCLOUD_CR_TOKEN=cr_token_value       Compute resource token used for login. Can either be a token string or a path to a @file.
  IBMCLOUD_CR_PROFILE=profile_value      The name, ID, or CRN of the linked trusted IAM profile to be used when obtaining the IAM access token. If authenticating as a
 VPC VSI compute resource, only specifying a trusted profile CRN or ID is supported.
```