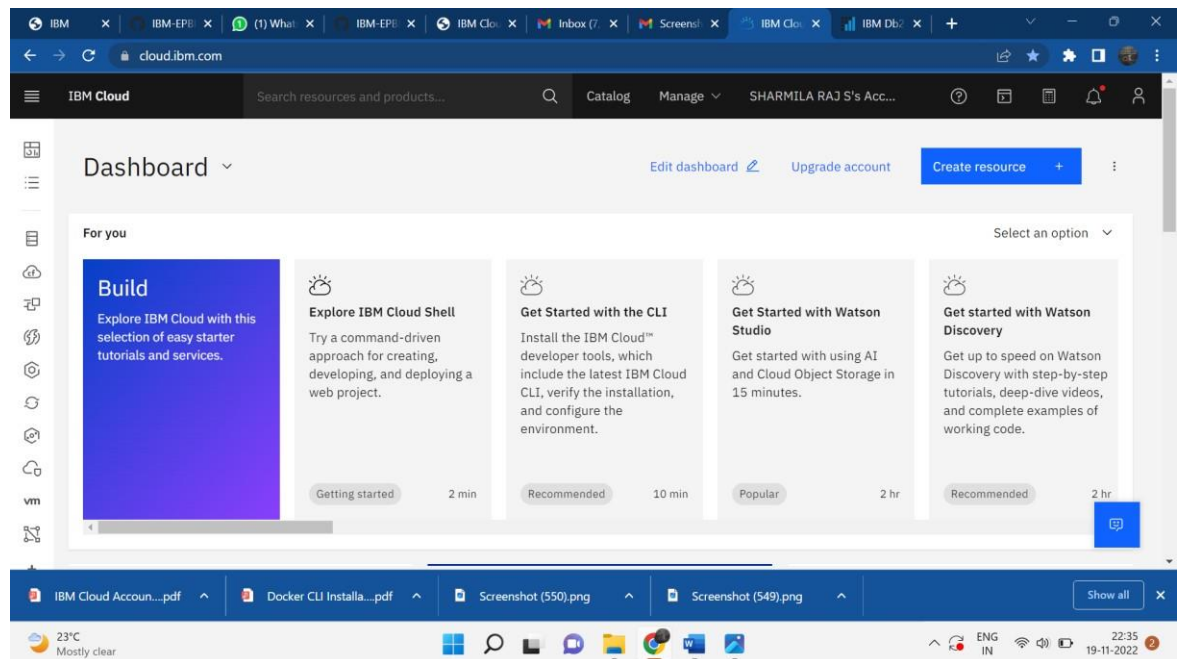


SPRINT-I

SETTING UP APPLICATION ENVIRONMENT

Install IBM Cloud CLI:

Over here after created account in the IBM cloud there are some tutorials in the dashboard. In that, get started with CLI tutorial will appear using the documentation using this we will install the IBM cloud CLI.



After clicking that tutorial, the instruction documentation page will open using those instructions to install IBM cloud CLI and also install some plugin-tools with the CLI for the work purpose while developing and deploying the Application.

Use the following Command to Install the IBM Cloud CLI: `ie x (New-Object Net.WebClient).DownloadString('https://clis.cloud.ibm.com/install/powershell')`

After Installed IBM cloud CLI the PowerShell screenshot shown below:

```
Microsoft Windows [Version 10.0.19044.2130]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Vasanth>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
  cloud-functions, wsk, functions, fn  Manage Cloud Functions
  config       Write default values to the config
  cr          Manage IBM Cloud Container Registry content and configuration.
  dev         Create, develop, deploy, and monitor applications
  enterprise  Manage enterprise, account groups and accounts.
  iam         Manage identities and access to resources
  ks, cs, oc  Manage Kubernetes and OpenShift clusters in IBM Cloud. Aliases include 'ibmcloud oc'.
  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
  sat        Manage IBM Cloud Satellite clusters.
  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:
  IBMCLCLOUD_COLOR=false      Do not colorize output
  IBMCLCLOUD_VERSION_CHECK=false  Do not check latest version for update
  IBMCLCLOUD_HTTP_TIMEOUT=5     A time limit for HTTP requests
  IBMCLCLOUD_API_KEY=api_key_value  API Key used for login
  IBMCLCLOUD_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 value will replace the default server endpoint of the VPC VSI instance identity token service.
  IBMCLCLOUD_CR_TOKEN=cr_token_value  Compute resource token used for login. Can either be a token string or a path to a @file.
  IBMCLCLOUD_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.
```

```
Command Prompt - ibmcloud plugin install container-registry

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
sat           Manage IBM Cloud Satellite clusters.
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:
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IBMCLCLOUD_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 value will replace the default server endpoint of the VPC VSI instance identity token service.
IBMCLCLOUD_CR_TOKEN=cr_token_value Compute resource token used for login. Can either be a token string or a path to a @file.
IBMCLCLOUD_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.
IBMCLCLOUD_TRACE=true           Print API request diagnostics to stdout
IBMCLCLOUD_TRACE_PATH=path/to/trace.log Append API request diagnostics to a log file
IBMCLCLOUD_HOME=path/to/dir     Path to config directory

GLOBAL OPTIONS:
--version, -v          Print the version
--help, -h            Show help

C:\Users\Vasanth>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'
Plug-in 'container-registry 1.0.2' was already installed. Do you want to update it with 'container-registry[cr] 1.0.2' or not? [y/N] >
```