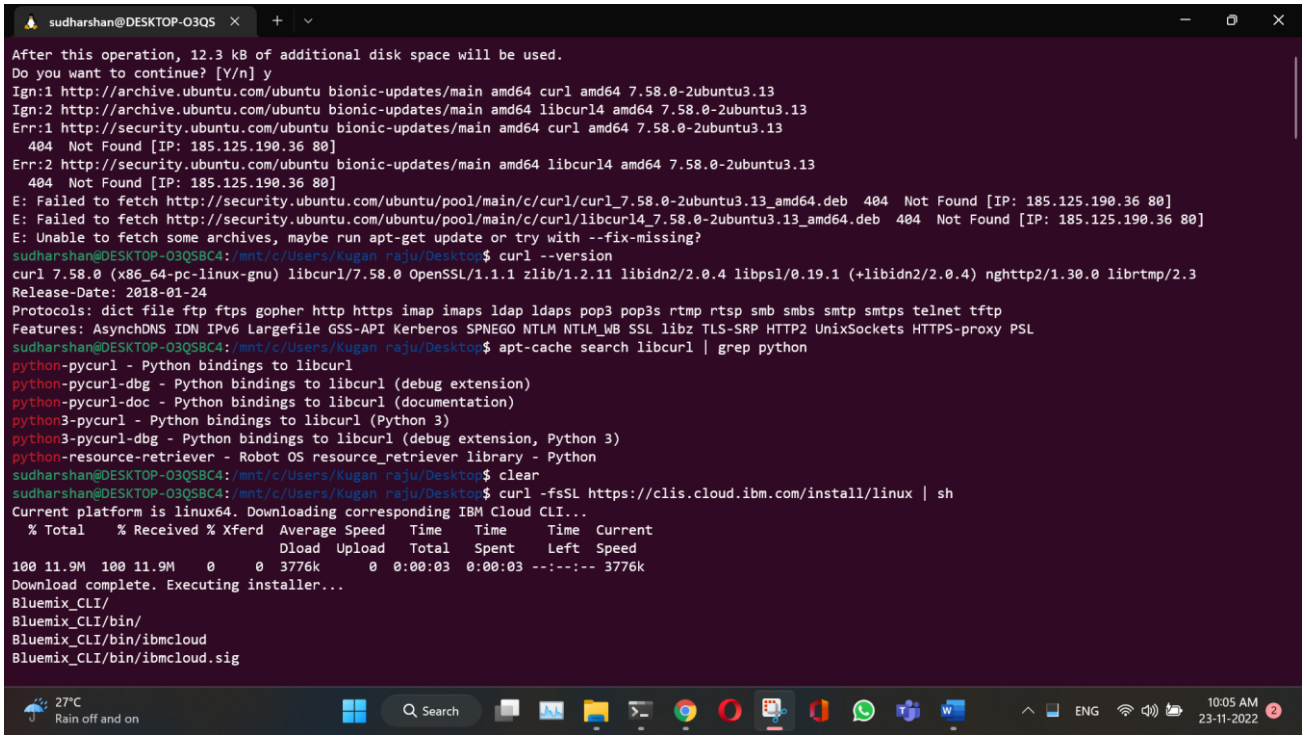
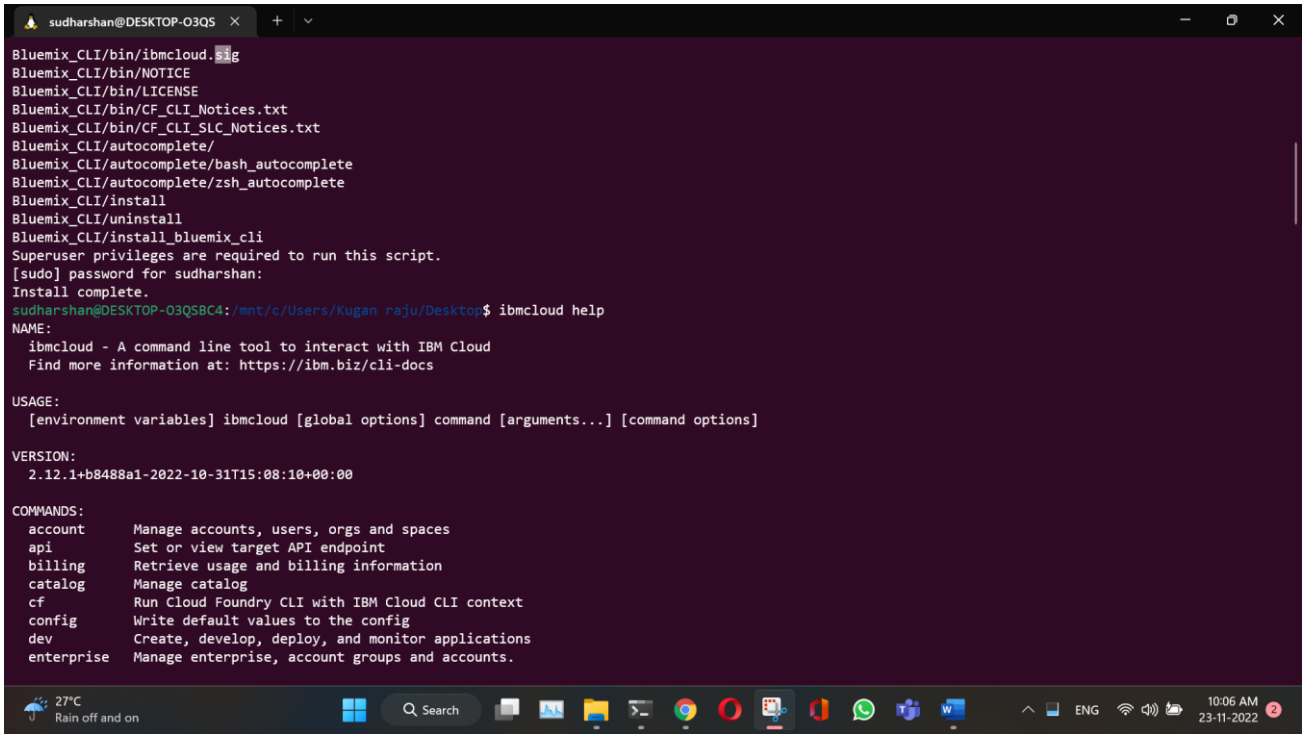
Setting up Application Environment

Install IBM Cloud CLI

Team ID	PNT2022TMID35281
Project	Containment Zone Alerting Application

Installation Process




sudharshan@DESKTOP-O3QS
Bluemix_CLI/bin/ibmcloud.sig
Bluemix_CLI/bin/NOTICE
Bluemix_CLI/bin/LICENSE
Bluemix_CLI/bin/CF_CLI_Notices.txt
Bluemix_CLI/bin/CF_CLI_SLC_Notices.txt
Bluemix_CLI/autocomplete/
Bluemix_CLI/autocomplete/bash_autocomplete
Bluemix_CLI/autocomplete/zsh_autocomplete
Bluemix_CLI/install
Bluemix_CLI/uninstall
Bluemix_CLI/install_bluemix_cli
Superuser privileges are required to run this script.
[sudo] password for sudharshan:
Install complete.
sudharshan@DESKTOP-O3QSBC4:/mnt/c/Users/Kugan raju/Desktop$ ibmcloud help
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
dev Create, develop, deploy, and monitor applications
enterprise Manage enterprise, account groups and accounts.
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Rain off and on
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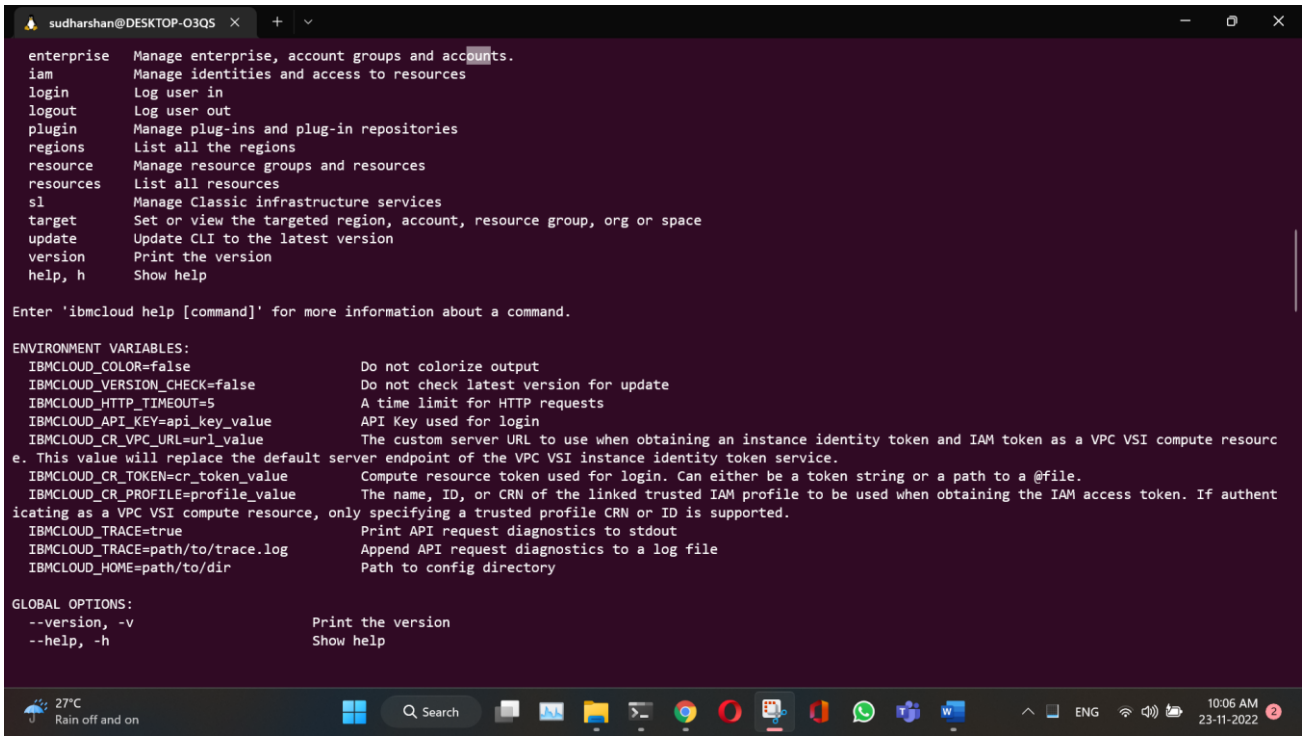
ENG
10:06 AM
23-11-2022


sudharshan@DESKTOP-O3QS
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 value 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.
IBMCLOUD_TRACE=true Print API request diagnostics to stdout
IBMCLOUD_TRACE=path/to/trace.log Append API request diagnostics to a log file
IBMCLOUD_HOME=path/to/dir Path to config directory
GLOBAL OPTIONS:
--version, -v Print the version
--help, -h Show help
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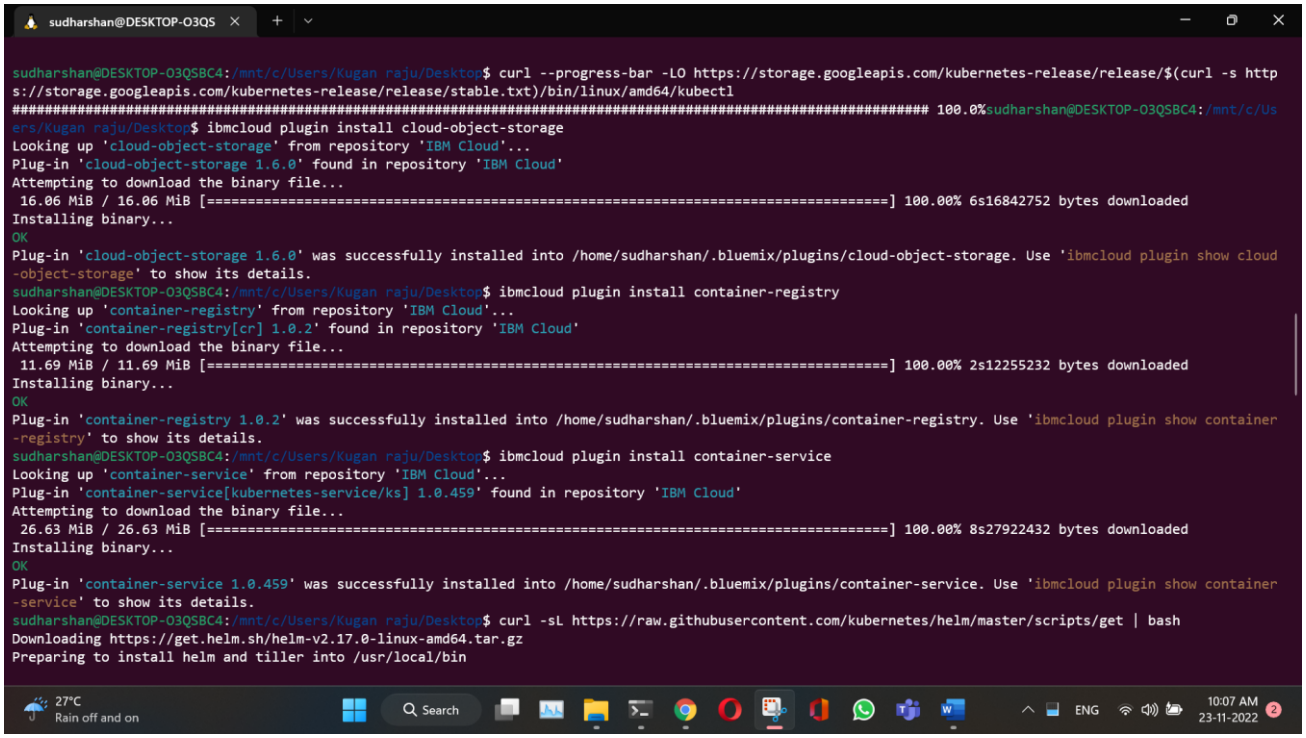
sudharshan@DESKTOP-O3QS
sudharshan@DESKTOP-O3QSBC4:/mnt/c/Users/Kugan raju/Desktop$ curl --progress-bar -LO https://storage.googleapis.com/kubernetes-release/release/$(curl -s https://storage.googleapis.com/kubernetes-release/release/stable.txt)/bin/linux/amd64/kubectl
100.0%
sudharshan@DESKTOP-O3QSBC4:/mnt/c/Users/Kugan raju/Desktop$ ibmcloud plugin install cloud-object-storage
Looking up 'cloud-object-storage' from repository 'IBM Cloud'...
Plug-in 'cloud-object-storage 1.6.0' found in repository 'IBM Cloud'
Attempting to download the binary file...
16.06 MiB / 16.06 MiB [==========] 100.00% 6s16842752 bytes downloaded
Installing binary...
OK
Plug-in 'cloud-object-storage 1.6.0' was successfully installed into /home/sudharshan/.bluemix/plugins/cloud-object-storage. Use 'ibmcloud plugin show cloud-object-storage' to show its details.
sudharshan@DESKTOP-O3QSBC4:/mnt/c/Users/Kugan raju/Desktop$ 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...
11.69 MiB / 11.69 MiB [==========] 100.00% 2s12255232 bytes downloaded
Installing binary...
OK
Plug-in 'container-registry 1.0.2' was successfully installed into /home/sudharshan/.bluemix/plugins/container-registry. Use 'ibmcloud plugin show container-registry' to show its details.
sudharshan@DESKTOP-O3QSBC4:/mnt/c/Users/Kugan raju/Desktop$ ibmcloud plugin install container-service
Looking up 'container-service' from repository 'IBM Cloud'...
Plug-in 'container-service[kubernetes-service/ks] 1.0.459' found in repository 'IBM Cloud'
Attempting to download the binary file...
26.63 MiB / 26.63 MiB [==========] 100.00% 8s27922432 bytes downloaded
Installing binary...
OK
Plug-in 'container-service 1.0.459' was successfully installed into /home/sudharshan/.bluemix/plugins/container-service. Use 'ibmcloud plugin show container-service' to show its details.
sudharshan@DESKTOP-O3QSBC4:/mnt/c/Users/Kugan raju/Desktop$ curl -sL https://raw.githubusercontent.com/kubernetes/helm/master/scripts/get | bash
Downloading https://get.helm.sh/helm-v2.17.0-linux-amd64.tar.gz
Preparing to install helm and tiller into /usr/local/bin
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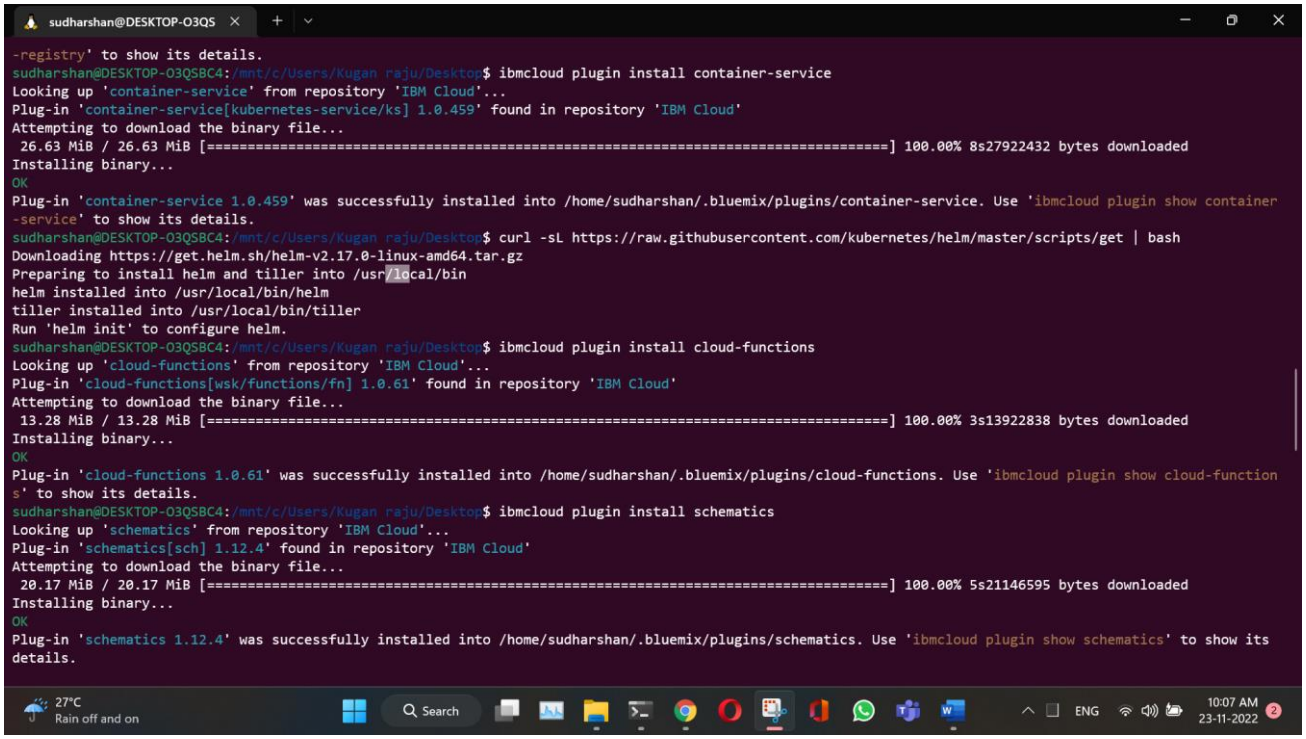
sudharshan@DESKTOP-O3QS
-registry' to show its details.
sudharshan@DESKTOP-O3QSBC4:/mnt/c/Users/Kugan raju/Desktop$ ibmcloud plugin install container-service
Looking up 'container-service' from repository 'IBM Cloud'...
Plug-in 'container-service[kubernetes-service/ks] 1.0.459' found in repository 'IBM Cloud'
Attempting to download the binary file...
26.63 MiB / 26.63 MiB [==========] 100.00% 8s27922432 bytes downloaded
Installing binary...
OK
Plug-in 'container-service 1.0.459' was successfully installed into /home/sudharshan/.bluemix/plugins/container-service. Use 'ibmcloud plugin show container-service' to show its details.
sudharshan@DESKTOP-O3QSBC4:/mnt/c/Users/Kugan raju/Desktop$ curl -sL https://raw.githubusercontent.com/kubernetes/helm/master/scripts/get | bash
Downloading https://get.helm.sh/helm-v2.17.0-linux-amd64.tar.gz
Preparing to install helm and tiller into /usr/local/bin
helm installed into /usr/local/bin/helm
tiller installed into /usr/local/bin/tiller
Run 'helm init' to configure helm.
sudharshan@DESKTOP-O3QSBC4:/mnt/c/Users/Kugan raju/Desktop$ ibmcloud plugin install cloud-functions
Looking up 'cloud-functions' from repository 'IBM Cloud'...
Plug-in 'cloud-functions[wsk/functions/fn] 1.0.61' found in repository 'IBM Cloud'
Attempting to download the binary file...
13.28 MiB / 13.28 MiB [==========] 100.00% 3s13922838 bytes downloaded
Installing binary...
OK
Plug-in 'cloud-functions 1.0.61' was successfully installed into /home/sudharshan/.bluemix/plugins/cloud-functions. Use 'ibmcloud plugin show cloud-functions' to show its details.
sudharshan@DESKTOP-O3QSBC4:/mnt/c/Users/Kugan raju/Desktop$ ibmcloud plugin install schematics
Looking up 'schematics' from repository 'IBM Cloud'...
Plug-in 'schematics[sch] 1.12.4' found in repository 'IBM Cloud'
Attempting to download the binary file...
20.17 MiB / 20.17 MiB [==========] 100.00% 5s21146595 bytes downloaded
Installing binary...
OK
Plug-in 'schematics 1.12.4' was successfully installed into /home/sudharshan/.bluemix/plugins/schematics. Use 'ibmcloud plugin show schematics' to show its details.
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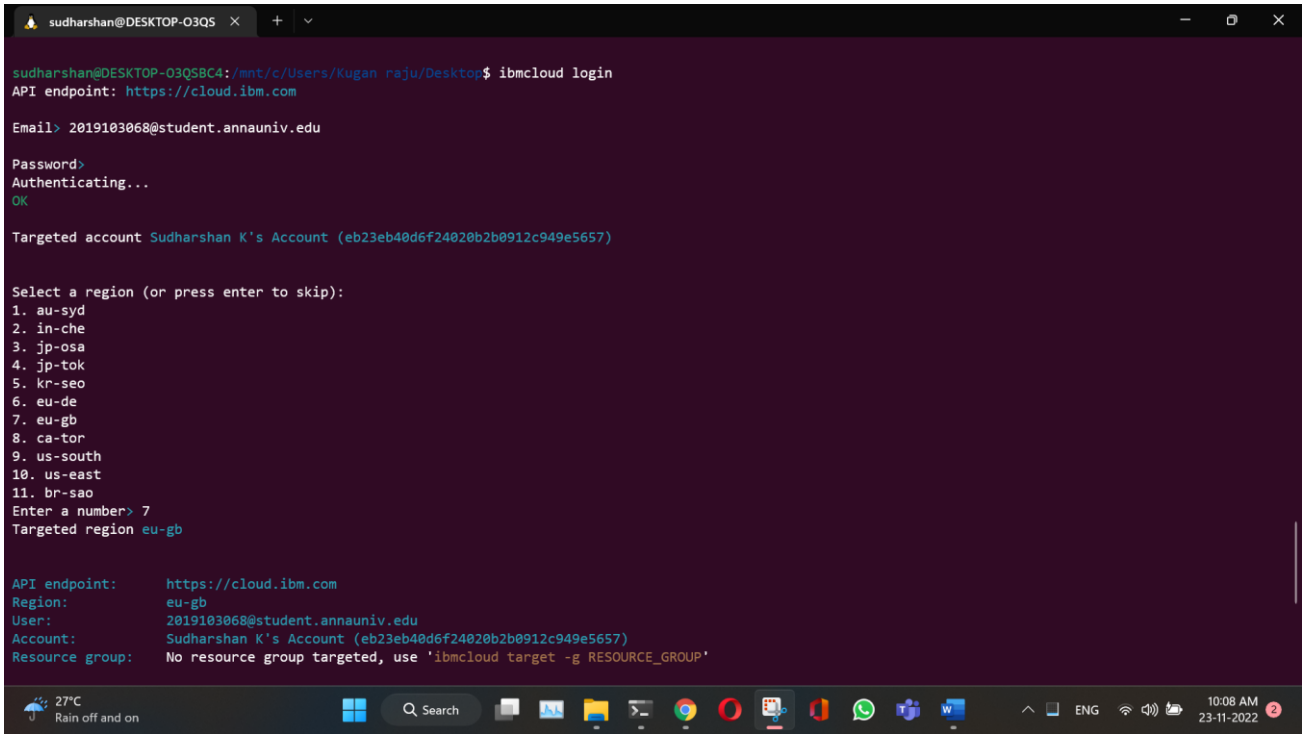
sudharshan@DESKTOP-O3QS
sudharshan@DESKTOP-O3QSBC4:/mnt/c/Users/Kugan raju/Desktop$ ibmcloud login
API endpoint: https://cloud.ibm.com
Email> 2019103068@student.annauniv.edu
Password>
Authenticating...
OK
Targeted account Sudharshan K's Account (eb23eb40d6f24020b2b0912c949e5657)
Select a region (or press enter to skip):
1. au-syd
2. in-che
3. jp-osa
4. jp-tok
5. kr-seo
6. eu-de
7. eu-gb
8. ca-tor
9. us-south
10. us-east
11. br-sao
Enter a number> 7
Targeted region eu-gb
API endpoint: https://cloud.ibm.com
Region: eu-gb
User: 2019103068@student.annauniv.edu
Account: Sudharshan K's Account (eb23eb40d6f24020b2b0912c949e5657)
Resource group: No resource group targeted, use 'ibmcloud target -g RESOURCE_GROUP'
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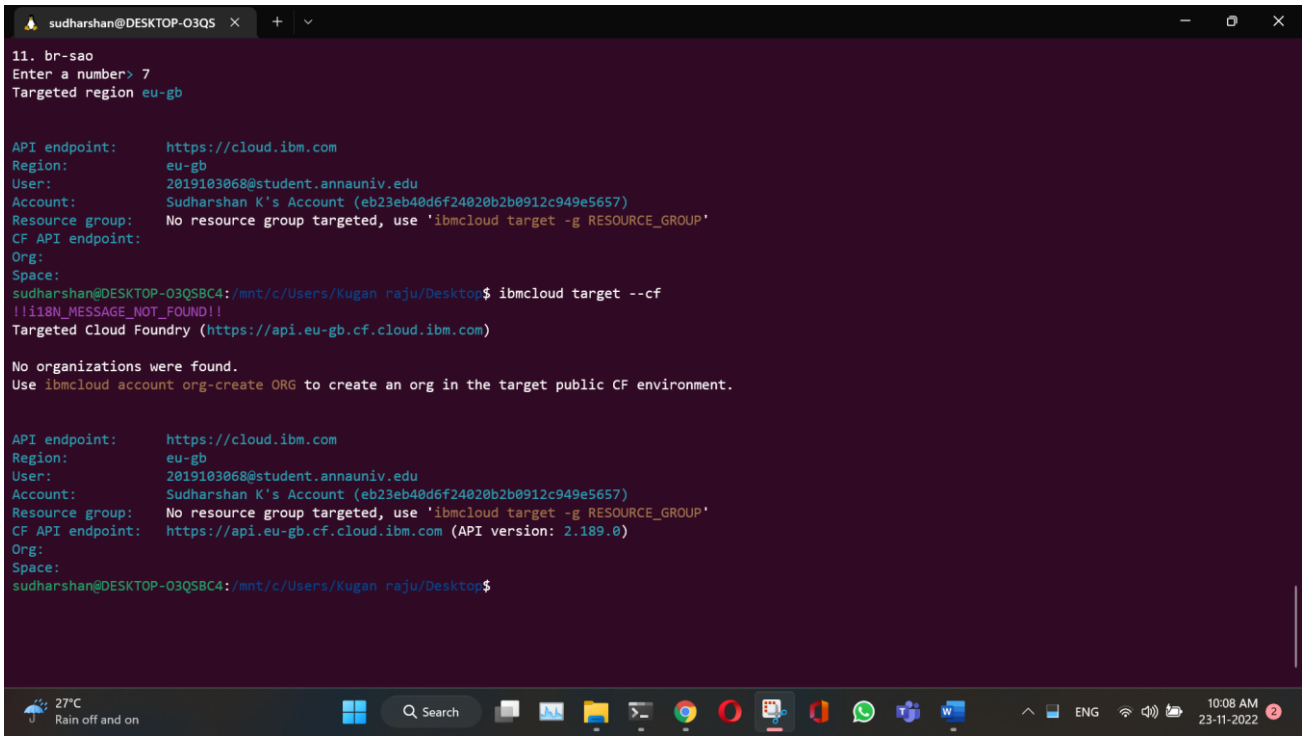
sudharshan@DESKTOP-O3QS
11. br-sao
Enter a number> 7
Targeted region eu-gb
API endpoint: https://cloud.ibm.com
Region: eu-gb
User: 2019103068@student.annauniv.edu
Account: Sudharshan K's Account (eb23eb40d6f24020b2b0912c949e5657)
Resource group: No resource group targeted, use 'ibmcloud target -g RESOURCE_GROUP'
CF API endpoint:
Org:
Space:
sudharshan@DESKTOP-O3QSBC4:/mnt/c/Users/Kugan raju/Desktop$ ibmcloud target --cf
!!i18N_MESSAGE_NOT_FOUND!!
Targeted Cloud Foundry (https://api.eu-gb.cf.cloud.ibm.com)
No organizations were found.
Use ibmcloud account org-create ORG to create an org in the target public CF environment.
API endpoint: https://cloud.ibm.com
Region: eu-gb
User: 2019103068@student.annauniv.edu
Account: Sudharshan K's Account (eb23eb40d6f24020b2b0912c949e5657)
Resource group: No resource group targeted, use 'ibmcloud target -g RESOURCE_GROUP'
CF API endpoint: https://api.eu-gb.cf.cloud.ibm.com (API version: 2.189.0)
Org:
Space:
sudharshan@DESKTOP-O3QSBC4:/mnt/c/Users/Kugan raju/Desktop$
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