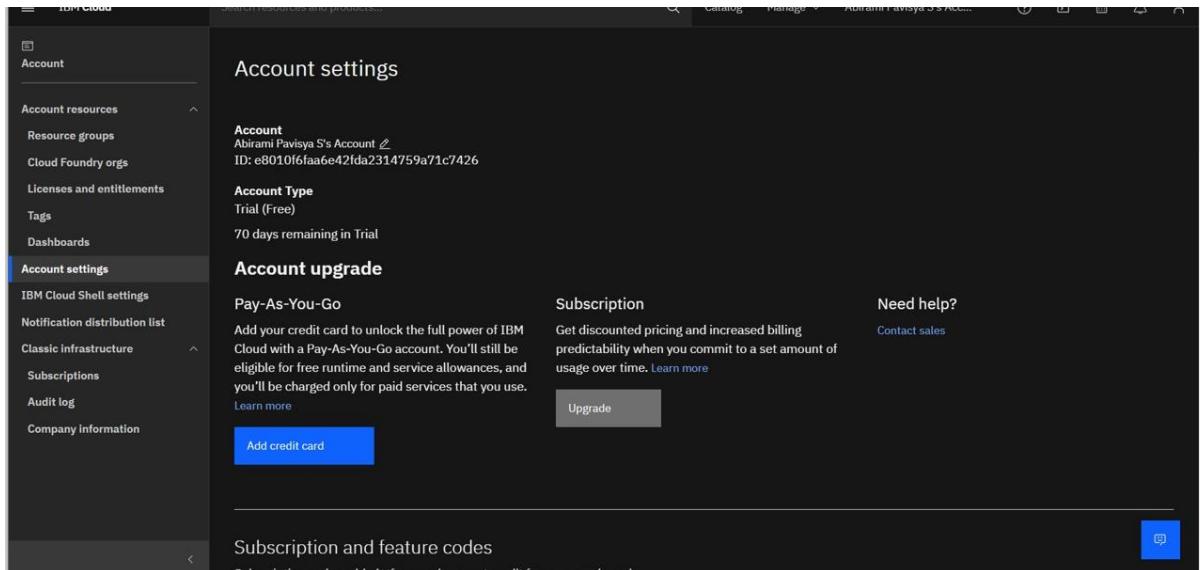


PERQUISITE

Team Id: PNT2022TMID18367

IBM – CLOUD ACCOUNT CREATION:

PYTHON INSTALLATION:



```
C:\Users\HP>pip install ibm-cos-sdk
Collecting ibm-cos-sdk
  Using cached ibm-cos-sdk-2.12.0.tar.gz (55 kB)
    Preparing metadata (setup.py) ... done
Collecting ibm-cos-sdk-core==2.12.0
  Downloading ibm-cos-sdk-core-2.12.0.tar.gz (956 kB)
    Preparing metadata (setup.py) ... done
  Downloading jmespath==1.0.0
  Downloading jmespath==1.0.0-py3-none-any.whl (24 kB)
Collecting python-dateutil==2.8.2-py2,pypy3
  Downloading python_dateutil-2.8.2-py2.py3-none-any.whl (247 kB)
    Preparing metadata (setup.py) ... done
Collecting requests<3.0,>=2.27.1
  Downloading requests==2.28.1-py3-none-any.whl (62 kB)
    Preparing metadata (setup.py) ... done
Collecting urllib3<1.27,>=1.26.9
  Downloading urllib3==1.26.12-py2.py3-none-any.whl (140 kB)
    Preparing metadata (setup.py) ... done
Collecting six<1.16.0,>=1.15.0
  Downloading six-1.16.0-py2.py3-none-any.whl (11 kB)
Collecting charset-normalizer<3,>=2
  Downloading charset_normalizer-2.1.1-py3-none-any.whl (39 kB)
Collecting certifi==2017.4.17
  Downloading certifi-2022.9.24-py3-none-any.whl (161 kB)
    Preparing metadata (setup.py) ... done
Collecting idna<4,>=2.5
  Downloading idna-3.4-py3-none-any.whl (61 kB)
    Preparing metadata (setup.py) ... done
Building wheels for collected packages: ibm-cos-sdk, ibm-cos-sdk-core, ibm-cos-sdk-s3transfer
  Building wheel for ibm-cos-sdk (setup.py) ... done
  Created wheel for ibm-cos-sdk: filename=ibm_cos_sdk-2.12.0-py3-none-any.whl size=3910 sha256=9c7e17265f10b1bd4986ba3445d1a6d7b1a431f54f857ec00b6b8fa7ffcc6b0f
  Stored in directory: c:\users\hp\appdata\local\pip\cache\wheels\53\89\f8\ef1f6b3874af57e2253ee18a43804db6879c3aa22c58d91b82
  Building wheel for ibm-cos-sdk-core (setup.py) ... done
  Created wheel for ibm-cos-sdk-core: filename=ibm_cos_sdk_core-2.12.0-py3-none-any.whl size=562947 sha256=cbf907d52e34a11c96ed9787ad487f3d2dc45fc5876684e425bbfc9e0be9680
  Stored in directory: c:\users\hp\appdata\local\pip\cache\wheels\72\24\ca\b930b91571fe120c206726f2055a26c95ae9fa323763d42b63
  Building wheel for ibm-cos-sdk-s3transfer (setup.py) ... done
  Created wheel for ibm-cos-sdk-s3transfer: filename=ibm_cos_sdk_s3transfer-2.12.0-py3-none-any.whl size=89765 sha256=7b3a7e9c204f507a329289d5560a662bbc3e991b7e6a850a61eb3455e265365
  Stored in directory: c:\users\hp\appdata\local\pip\cache\wheels\3f\bf\b6\4c18868ed27b686342eab42be15f0c0ac136d2dd9fb86b6aa8
Successfully built ibm-cos-sdk ibm-cos-sdk-core ibm-cos-sdk-s3transfer
Installing collected packages: urllib3, six, jmespath, idna, charset-normalizer, certifi, requests, python-dateutil, ibm-cos-sdk-core, ibm-cos-sdk-s3transfer, ibm-cos-sdk
Successfully installed certifi-2022.9.24 charset-normalizer-2.1.1 ibm-cos-sdk-2.12.0 ibm-cos-sdk-core-2.12.0 ibm-cos-sdk-s3transfer-2.12.0 idna-3.4 jmespath-0.10.0 python-dateutil-2.28.1 six-1.16.0 urllib3-1.26.12
C:\Users\HP>
```

```
C:\Users\HP>pip install resources
Collecting resources
  Downloading resources-0.0.1.tar.gz (3.7 kB)
    Preparing metadata (setup.py) ... done
Building wheels for collected packages: resources
  Building wheel for resources (setup.py) ... done
    Created wheel for resources: filename=resources-0.0.1-py3-none-any.whl size=4349 sha256=432fa8af2f440f4ed44723d1c26659eae96f6e6013940f81a432203322fccce0
    Stored in directory: c:\users\hp\appdata\local\pip\cache\wheels\47\ab\06\76a30850b09cf89a39a89f2b736ef6891d5d5a5fb53e3ab2f
Successfully built resources
Installing collected packages: resources
Successfully installed resources-0.0.1

C:\Users\HP>pip install cloudant
Collecting cloudant
  Downloading cloudant-2.15.0-py3-none-any.whl (80 kB)
----- 80.5/80.5 kB 33.8 kB/s eta 0:00:00
Requirement already satisfied: requests<3.0.0,>=2.7.0 in c:\python310\lib\site-packages (from cloudant) (2.28.1)
Requirement already satisfied: charset-normalizer<3,>=2 in c:\python310\lib\site-packages (from requests<3.0.0,>=2.7.0->cloudant) (2.1.1)
Requirement already satisfied: idna<4,>=2.5 in c:\python310\lib\site-packages (from requests<3.0.0,>=2.7.0->cloudant) (3.4)
Requirement already satisfied: urllib3<1.27,>=1.21.1 in c:\python310\lib\site-packages (from requests<3.0.0,>=2.7.0->cloudant) (1.26.12)
Requirement already satisfied: certifi>=2017.4.17 in c:\python310\lib\site-packages (from requests<3.0.0,>=2.7.0->cloudant) (2022.9.24)
Installing collected packages: cloudant
Successfully installed cloudant-2.15.0

C:\Users\HP>

[Windows\system32\cmd.exe]

C:\Users\HP>pip install boto3
Collecting boto3
  Using cached boto3-1.26.0-py3-none-any.whl (132 kB)
Requirement already satisfied: jmespath<2.0.0,>=0.7.1 in c:\python310\lib\site-packages (from boto3) (0.10.0)
Collecting s3transfer<0.7.0,>=0.6.0
  Using cached s3transfer-0.6.0-py3-none-any.whl (79 kB)
Collecting botocore<1.30.0,>=1.29.0
  Downloading botocore-1.29.0-py3-none-any.whl (9.8 MB)
----- 9.8/9.8 MB 111.5 kB/s eta 0:00:00
Requirement already satisfied: python-dateutil<3.0.0,>=2.1 in c:\python310\lib\site-packages (from botocore<1.30.0,>=1.29.0->boto3) (2.8.2)
Requirement already satisfied: urllib3<1.27,>=1.25.4 in c:\python310\lib\site-packages (from botocore<1.30.0,>=1.29.0->boto3) (1.26.12)
Requirement already satisfied: six>=1.5 in c:\python310\lib\site-packages (from python-dateutil<3.0.0,>=2.1->botocore<1.30.0,>=1.29.0->boto3) (1.16.0)
Installing collected packages: botocore, s3transfer, boto3
Successfully installed boto3-1.26.0 botocore-1.29.0 s3transfer-0.6.0

C:\Users\HP>

C:\Users\HP>pip install -U ibm-cos-sdk
Requirement already satisfied: ibm-cos-sdk in c:\python310\lib\site-packages (2.12.0)
Requirement already satisfied: ibm-cos-sdk-core==2.12.0 in c:\python310\lib\site-packages (from ibm-cos-sdk) (2.12.0)
Requirement already satisfied: jmespath<1.0.0,>=0.10.0 in c:\python310\lib\site-packages (from ibm-cos-sdk) (0.10.0)
Requirement already satisfied: ibm-cos-sdk-s3transfer==2.12.0 in c:\python310\lib\site-packages (from ibm-cos-sdk) (2.12.0)
Requirement already satisfied: python-dateutil<3.0.0,>=2.8.2 in c:\python310\lib\site-packages (from ibm-cos-sdk-core==2.12.0->ibm-cos-sdk) (2.8.2)
Requirement already satisfied: requests<3.0,>=2.27.1 in c:\python310\lib\site-packages (from ibm-cos-sdk-core==2.12.0->ibm-cos-sdk) (2.28.1)
Requirement already satisfied: urllib3<1.27,>=1.26.9 in c:\python310\lib\site-packages (from ibm-cos-sdk-core==2.12.0->ibm-cos-sdk) (1.26.12)
Requirement already satisfied: six>=1.5 in c:\python310\lib\site-packages (from python-dateutil<3.0.0,>=2.8.2->ibm-cos-sdk-core==2.12.0->ibm-cos-sdk) (1.16.0)
Requirement already satisfied: certifi>=2017.4.17 in c:\python310\lib\site-packages (from requests<3.0,>=2.27.1->ibm-cos-sdk-core==2.12.0->ibm-cos-sdk) (2022.9.24)
Requirement already satisfied: charset-normalizer<3,>=2 in c:\python310\lib\site-packages (from requests<3.0,>=2.27.1->ibm-cos-sdk-core==2.12.0->ibm-cos-sdk) (3.4)
Requirement already satisfied: idna<4,>=2.5 in c:\python310\lib\site-packages (from requests<3.0,>=2.27.1->ibm-cos-sdk-core==2.12.0->ibm-cos-sdk) (3.4)
```

ACCOUNT CREATION IN CLARIFAI:

The screenshot shows the Clarifai account creation interface. At the top, there's a banner with the text "Clarifai named a Leader in IDC MarketScape" and a link to "Download report". Below the banner, there's a section titled "Get Started with a Free Account" with fields for First Name (Guruarchana), Last Name (Veerarajan), Email (vguruarchana@gmail.com), and Password (*****). A checkbox indicates agreement to the Terms of Service and Privacy Policy. Below these fields is a reCAPTCHA verification. The background features a blue sidebar with icons for Home, Applications, Marketplace, and Help.

The screenshot shows the Clarifai application management interface. On the left, there's a sidebar with icons for Home, Applications, Marketplace, and Help. The main area displays a list of applications under "Applications" (1). One application is listed: "my-first-application" (ID: 6eab23a6b04f4552b0afcd54de2e879, Created at: November 2, 2022). To the right, there's a "What's New" section with three items: "Marketplace Model: ASR model of noisy telephone data: Wav2Vec2-Large-Robust fine-tuned on Switchboard" (November 30, 2021), "Marketplace Model: ASR models of less common languages" (November 30, 2021), and "Platform Object Model Added" (November 30, 2021).