

## PREREQUISITES:

TEAM ID: PNT2022TMID04063

## IBM – CLOUD ACCOUNT CREATION:

The screenshot shows the 'Account settings' page in the IBM Cloud interface. On the left, a sidebar lists various account management sections like 'Account resources', 'Resource groups', and 'Account settings' (which is currently selected). The main content area displays the account's name ('KRSHNAPRIYA K's Account'), ID ('6addf7f2efa244a2a8f436d7c9884b57'), and type ('Trial (Free)'). It also shows a trial period of '54 days remaining in Trial'. A section titled 'Account upgrade' offers a 'Pay-As-You-Go' option to unlock full power, with a 'Learn more' link and a 'Add credit card' button. Another section, 'Subscription', discusses discounted pricing and increased billing predictability, with a 'Learn more' link and a 'Upgrade' button. A 'Need help?' section includes a 'Contact sales' link. At the bottom, there's a 'Subscription and feature codes' section with a 'Subscription codes add platform and support credit for your purchased...' link.

## 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
    Collecting ibm-cos-sdk-s3transfer<2.12.0
      Downloading ibm-cos-sdk-s3transfer-2.12.0.tar.gz (135 kB)
        Preparing metadata (setup.py) ... done
        Collecting jmespath<1.27,>=1.26.0
          Downloading jmespath-1.26.0-py2.py3-none-any.whl (24 kB)
        Collecting python-dateutil<3.1,>=2.8.2
          Downloading python_dateutil-2.8.2-py2.py3-none-any.whl (247 kB)
        Collecting requests<3.0,>=2.27.1
          Downloading requests-2.28.1-py3-none-any.whl (62 kB)
        Collecting urllib3<1.27,>=1.26.9
          Downloading urllib3-1.26.12-py2.py3-none-any.whl (140 kB)
        Collecting six>1.5
          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)
        Collecting idna<4,>=2.5
          Downloading idna-3.4-py3-none-any.whl (61 kB)
            61.5/61.5 kB 84.2 kB/s eta 0:00:00
    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=73910 sha256=9c7e17265f10b1b44986ba3445d1a6d7b1a431f54f857ec00bb8fa7ffcc0b0f
      Stored in directory: c:\users\hp\appdata\local\pip\cache\wheels\b3\89\1f8e1f108374af57e2253ee18a43804d6879c3aa22c589b1b82
    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=bf907d52e3da11c96ed9787ad487f3d2dc45fc5876684e425bbfcfa9e0be9680
      Stored in directory: c:\users\hp\appdata\local\pip\cache\wheels\72\24\c4b930b91571fe120c206726f2055a26c95ae9fa323763d42b63
    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=7b3a7a9c204f507a329289d5560a6626bc3e991b7e6a859a61eab345e265365
      Stored in directory: c:\users\hp\appdata\local\pip\cache\wheels\b3\bf\b6\4c188686d27b686342ea42be15f0c0ac136d2dd9fb866a8
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, 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-2.8.2 requests-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=432fa8af2f440f4ed4723d1c26659ae96f6e6013940f81a432203322fccce0
  Stored in directory: c:\users\hp\appdata\local\pip\cache\wheels\47\ab\06\76a30850b09cfab9a39a89f2b736ef6891d5d5a5fb53e3ab2f
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/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>

[1] C:\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) (2.1.1)
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:

