

Create Databases

In order to manage a connection from a local system you must first initialize the connection by constructing a Cloudbant client. We need to import the cloudbant library.

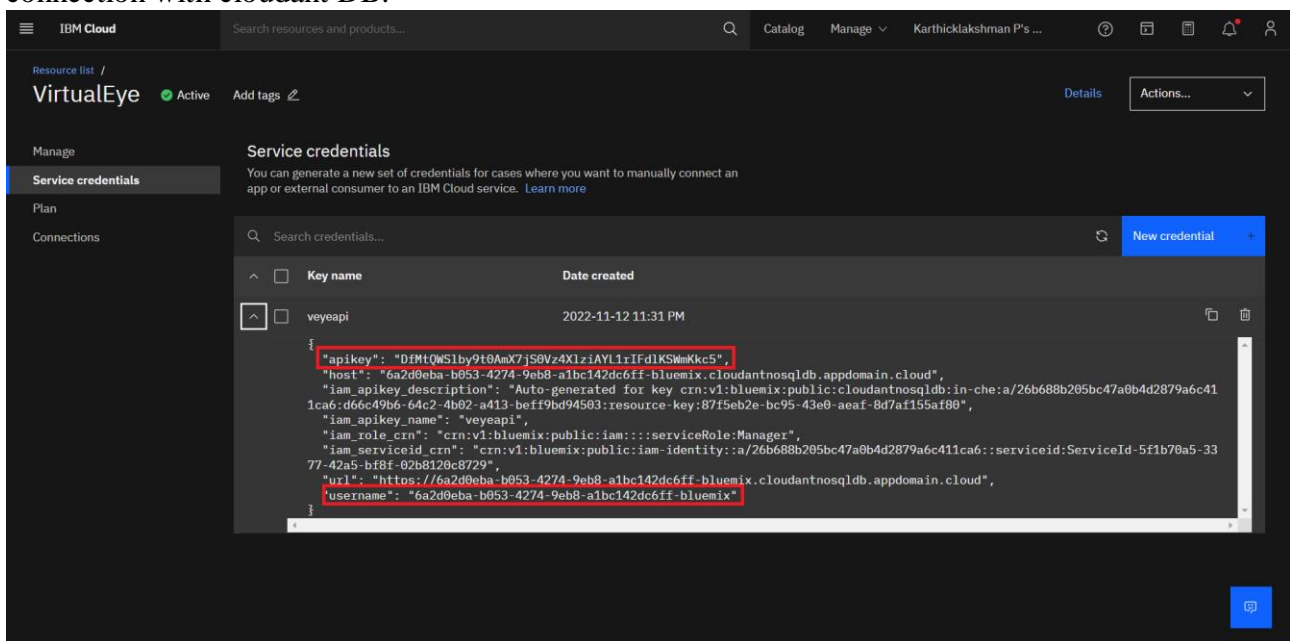
```
From cloudbant.client import Cloudbant
```

IBM Cloud Identity & Access Management enables you to securely authenticate users and control access to all cloud resources consistently in the IBM Bluemix Cloud Platform.

In the above cloudbant.iam() method we have to give username & apikey to build the

```
# Authenticate using an IAM API key
client = Cloudbant.iam('username', 'apikey', connect=True)|
```

connection with cloudbant DB.



The screenshot shows the IBM Cloud console interface. On the left, there's a sidebar with 'VirtualEye' and 'Service credentials' selected. The main area shows a table of service credentials. One credential named 'veyeapi' is listed with a creation date of 2022-11-12 11:31 PM. Below the table, the details of this credential are displayed in a text area, showing fields like 'apikey', 'host', 'iam_apikey_description', 'iam_role_crn', 'iam_serviceid_crn', 'url', and 'username'. The 'apikey' and 'username' fields are highlighted with red boxes.

Once a connection is established you can then create a database, open an existing database.

Create a database as my_database.

```
# Create a database using an initialized client
my_database = client.create_database('my_database')
```