

## Project Development Phase -4

The screenshot displays the Visual Studio Code interface with a project named 'myproject'. The Explorer panel on the left shows the file structure, including HTML files and Python scripts. The main editor window shows the 'ibmdb2-connect.py' script. The terminal at the bottom shows the execution of the script, which attempts to connect to an IBM DB2 database using a DigiCertGlobalRootCA.crt certificate. The script fails with an 'SQLSTATE=HY507 SQLCODE=-99999' error, indicating a security processing failure. The terminal output is as follows:

```
ibmdb2-connect.py > ...
1
2 iin.cloud;PORT=31864;SECURITY=SSL;SSLServerCertificate=DigiCertGlobalRootCA.crt;UID=xcx38812;PWD=ohN42G7Az6tJfmmn",
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PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL JUPYTER

Exception: [IBM][CLI Driver] CLI0157E Error opening a file. SQLSTATE=HY507 SQLCODE=-99999
(venv) PS C:\Users\ELCOT\Desktop\myproject> python ibmdb2-connect.py
Traceback (most recent call last):
  File "C:\Users\ELCOT\Desktop\myproject\ibmdb2-connect.py", line 2, in <module>
    conn = ibm_db.connect("DATABASE=bludb;HOSTNAME=21fecfd8-47b7-4937-840d-d791d0218660.bs21o90l08kqb1od8lcg.databases.appdomain.c1
oud;PORT=31864;SECURITY=SSL;SSLServerCertificate=DigiCertGlobalRootCA.crt;UID=xcx38812;PWD=PcNezAaxoSEtVkb", '')
Exception: [IBM][CLI Driver] SQL30082N Security processing failed with reason "24" ("USERNAME AND/OR PASSWORD INVALID"). SQLSTATE
=00001 SQLCODE=-30082
(venv) PS C:\Users\ELCOT\Desktop\myproject> python ibmdb2-connect.py
<ibm_db.IBM_DBConnection object at 0x000002151D6F73B0>
connection successful...
(venv) PS C:\Users\ELCOT\Desktop\myproject>
```

The status bar at the bottom indicates the current file is 'Ln 2, Col 235' with 'Spaces: 4' and 'UTF-8' encoding. The system tray shows the date and time as '20:24 12-11-2022'.

Command Prompt

```
Microsoft Windows [Version 10.0.17763.1577]
(c) 2018 Microsoft Corporation. All rights reserved.

C:\Users\ELCOT>curl.exe -LO "https://dl.k8s.io/release/v1.25.0/bin/windows/amd64/kubect1.exe"
% Total % Received % Xferd Average Speed Time Time Time Current
Dload Upload Total Spent Left Speed
100 138 100 138 0 0 138 0 0:00:01 0:00:01 0:00:00 80
100 43.6M 100 43.6M 0 0 230k 0 0:03:14 0:03:14 0:00:00 250k

C:\Users\ELCOT>curl.exe -LO "https://dl.k8s.io/v1.25.0/bin/windows/amd64/kubect1.exe.sha256"
% Total % Received % Xferd Average Speed Time Time Time Current
Dload Upload Total Spent Left Speed
100 138 100 138 0 0 138 0 0:00:01 0:00:01 0:00:00 245
100 64 100 64 0 0 64 0 0:00:01 0:00:01 0:00:00 64

C:\Users\ELCOT>kubect1 version --client
WARNING: This version information is deprecated and will be replaced with the output from kubect1 version --short. Use
--output=yaml|json to get the full version.
Client Version: version.Info{Major:"1", Minor:"25", GitVersion:"v1.25.0", GitCommit:"a866cbe2e5bb01cfd5e909aa3e033f328
2a8a2", GitTreeState:"clean", BuildDate:"2022-08-23T17:44:59Z", GoVersion:"go1.19", Compiler:"gc", Platform:"windows/amd
64"}
Kustomize Version: v4.5.7

C:\Users\ELCOT>
```

• Click on the **Worker Nodes** tab to note the cluster's Public IP.

Site feedback

cloud.ibm.com/kubernetes/clusters/cdogq44f04ah6a1r5dlg/overview

IBM Cloud Search resources and products... Catalog Manage Anusha N's Account

Clusters / mycluster-free Normal Expires in 30 days Add tags Help Kubernetes dashboard Actions...

Overview

Worker nodes

Worker pools

DevOps New

**Expires in 30 days:**  
Be sure to back up your data, your cluster will be deleted in 30 days. To access the full capabilities of the service, try out a [standard cluster](#).

**Node status**  
1 of 1  
Normal  
[Details ↓](#)

**Add-on status**  
0 of 0  
Normal  
[Details ↓](#)

**Master status**  
Normal  
[Docs ↗](#)

**Ingress status**  
Unknown  
[Docs ↗](#)

**Details**

Cluster ID	Version	Infrastructure	Zones
cdogq44f04ah6a1r5dlg	1.24.7_1542	Classic	Milan 01
Created	Resource group	Image security enforcement	
11/13/2022, 7:28 AM	Default	<a href="#">Enable</a>	

IBM Cloud

Search resources and products...

Catalog

Manage

Anusha N's Account

Details

Cluster ID

cdogq44f04ah6a1r5dlg

Version

1.24.7\_1542

Infrastructure

Classic

Zones

Milan 01

Created

11/13/2022, 7:28 AM

Resource group

Default

Image security enforcement

Enable

Node health

Worker node details

1 total nodes

Critical 0%

Warning 0%

Normal 100%

Pending 0%

Networking

Service endpoint URL

Public enabled

Copy link

Private disabled

Copy link

Type here to search

IBM Cloud

Search resources and products...

Catalog

Manage

Anusha N's Account

Details

Cluster ID

cdogq44f04ah6a1r5dlg

Version

1.24.7\_1542

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Public enabled

Copy link


Private disabled

Copy link

Wel | Cre: | IBM | CAC | (10: | How | Sen: | IBM | IBM | clo: | IBM | IBM | Sec: | Unt: | pyt: | x | Set: | Nes: | + | v | - | X

← → ↻ app.sendinblue.com/marketing-campaign/list

Google Keychain Star Profile

 Campaigns Automation Transactional Contacts Add more apps

Dashboard

Email

Templates

Statistics

Settings


Emails

300 emails

[View details](#)

Email campaigns

Create an email campaign

 Your Account is Temporarily Inactive.

Your campaigns are currently suspended due to an issue with recent activity on your account (purchase, campaigns, or contact uploads). Please [click here](#) to contact our Customer Care team for more information and help reactivating your campaign.

All (0)

Sent (0)

Drafts (0)

Scheduled (0)

Suspended (0)

Running (0)

Archived (0)

Campaign ID, Name


🔍

No records found

?

Help

Windows Start Search Type here to search



ENG

04:18

13-11-2022