

azure cli login

Step 1: install az CLI

[follow this link to install](#). After successfully installing, check your version

```
$ az version
```

Returns version info

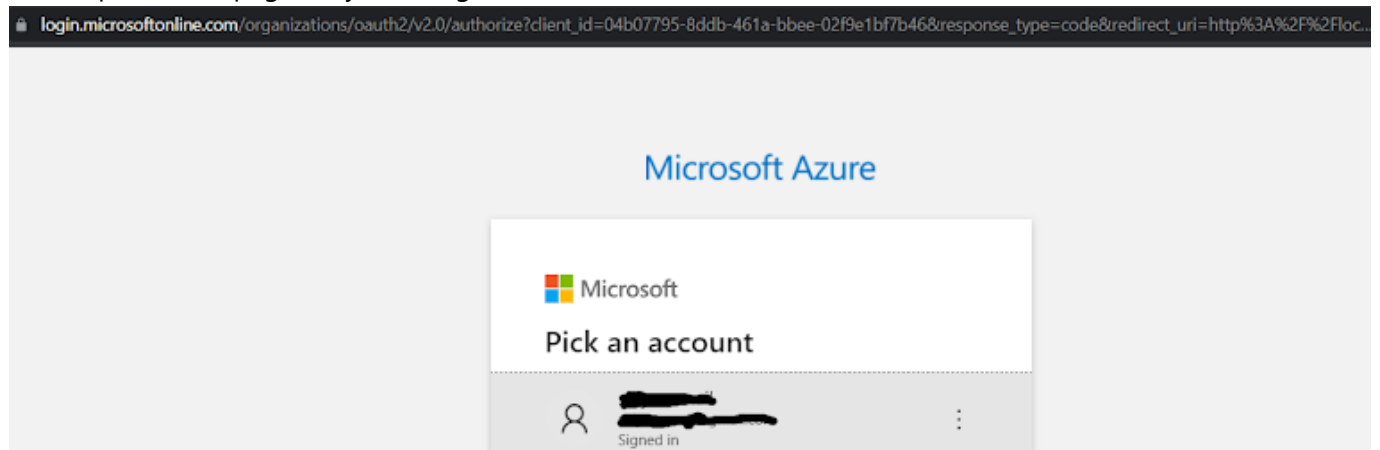
```
{
  "azure-cli": "2.44.1",
  "azure-cli-core": "2.44.1",
  "azure-cli-telemetry": "1.0.8",
  "extensions": {
    "ssh": "1.1.3"
  }
}
```

Step 2: Login to account

```
$ az login
```

```
asusc> az login
A web browser has been opened at https://login.microsoftonline.com/organizations/oauth2/v2.0/authorize. Please continue
the login in the web browser. If no web browser is available or if the web browser fails to open, use device code flow w
ith 'az login --use-device-code'.
```

it will open a web page for you to login :



after successful login:

You have logged into Microsoft Azure!

You can close this window, or we will redirect you to the [Azure CLI documents](#) in 10 seconds.

STEP 3:

use the following command to login the VM:

```
$ az ssh vm -n EVCO-PROD-APP01 --resource-group EVCO_PROD_RG
```

```
asusc> az ssh vm -n EVCO-PROD-APP01 --resource-group EVCO_PROD_RG
Welcome to Ubuntu 20.04.5 LTS (GNU/Linux 5.15.0-1022-azure x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/advantage

System information as of Mon Nov 14 06:44:16 UTC 2022

System load:  0.0          Processes:            117
Usage of /:   5.6% of 28.89GB Users logged in:        1
Memory usage: 8%          IPv4 address for eth0: 10.3.2.4
Swap usage:   0%

23 updates can be applied immediately.
15 of these updates are standard security updates.
To see these additional updates run: apt list --upgradable

New release '22.04.1 LTS' available.
Run 'do-release-upgrade' to upgrade to it.

Last login: Mon Nov 14 06:32:27 2022 from 128.106.65.186
chivamail@asusc:~$
```

Access the MYSQL DB:

connect using mysql client

```
$ mysql -u mysqladmin -p -h evcoprodmysql01.mysql.database.azure.com --ssl-
mode=REQUIRED
```

from azure docs:

Connection details



```
hostname=evcoprodmysql01.mysql.database.azure.com
username=mysqladmin
password={your-password}
ssl-mode=require
```

MySQL Workbench



To connect with MySQL workbench client, follow the steps below.

1. Click the **+** symbol in the **MySQL Connections** tab to add a new connection.
2. Enter a name for the connection in the **Connection name** field.
3. Select **Standard (TCP/IP)** as the Connection Type.
4. Enter **evcoprodmysql01.mysql.database.azure.com** in hostname field.
5. Enter **mysqladmin** as username and then enter your **Password**.
6. Go to the **SSL tab** and update the Use SSL field to Require.
7. In the **SSL CA File** field, enter the file location of the **DigiCertGlobalRootCA.crt.pem** file.
8. Click **Test Connection** to test the connection.
9. If the connection is successful, click **OK** to save the connection.

Import and export data

To avoid any compatibility issues, ensure the same version of MySQL is used on the source and destination systems when dumping databases.

Run mysqldump to backup a database

You can export the database from local MySQL server or a database from this server.

```
mysqldump -h evcoprodmysql01.mysql.database.azure.com -u mysqladmin -p {backupdbname}>my_backup.sql
```

Run a restore with MySQL command line

You can restore the backup file to another database on **evcoprodmysql01** server.

```
mysql -h evcoprodmysql01.mysql.database.azure.com -u mysqladmin -p {restoredbname}<my_backup.sql
```

Connect from your app

ADO.NET

```
Server="evcoprodmysql01.mysql.database.azure.com";UserID = "mysqladmin";Password="{your_password}";Database="{your_database}";SslMode=MySQLSslMode.Required;SslCa="{path_to_CA_cert}";
```

JDBC

```
String url="jdbc:mysql://evcoprodmysql01.mysql.database.azure.com:3306/{your_database}?useSSL=true";myDbConn=DriverManager.getConnection(url, "mysqladmin", "{your_password}");
```

Node.js

```
var conn=mysql.createConnection({host:"evcoprodmysql01.mysql.database.azure.com", user:"mysqladmin", password:"{your_password}", database:"{your_database}", port:3306, ssl:{ca:fs.readFileSync("{ca-cert filename}")}});
```

PHP

```
$con = mysqli_init();  
mysqli_ssl_set($con,NULL,NULL, "{path to CA cert}", NULL, NULL);  
mysqli_real_connect($conn, "evcoprodmysql01.mysql.database.azure.com", "mysqladmin", "{your_password}", "{your_database}", 3306, MYSQLI_CLIENT_SSL);
```

Python

```
cnx = mysql.connector.connect(user="mysqladmin", password="{your_password}",  
host="evcoprodmysql01.mysql.database.azure.com", port=3306, database="{your_database}", ssl_ca="{ca-cert filename}", ssl_disabled=False)
```

Ruby

```
client = Mysql2::Client.new(username: "mysqladmin", password: "{your_password}", database: "{your_database}",  
host: "evcoprodmysql01.mysql.database.azure.com", port: 3306, sslca: "{ca-cert filename}", sslverify:false,  
sslcipher:'AES256-SHA')
```