

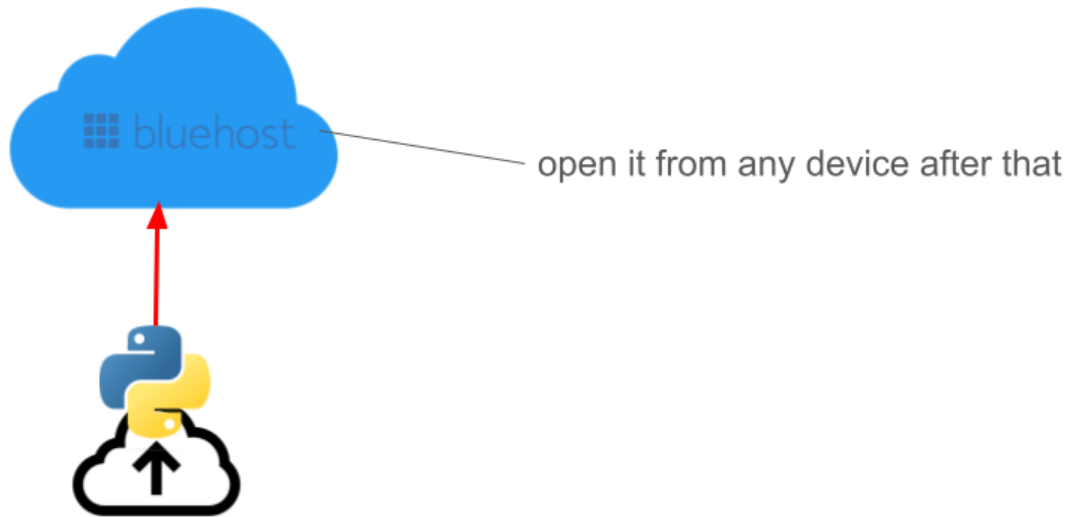
python flask app with bluehost VPS

Software

| N | Item | Software | Notes |
|---|-------------------------------|--------------|----------------------------------------------------------|
| 1 | python flask app | python files | project files (app.y - template folder - static folder) |
| 2 | bluehost account and VPS plan | bluehost.com | here we used visual studio community 2022 |

Connection Diagram

<http://162.240.151.132:5555/>



procedures

☰

bluehost

Home

Websites

cPanel Email

Domains

Hosting

Security

RENEWAL CENTER

MARKETPLACE

55063052 has no payment method on file

UPDATE

Good Afternoon, Mustafa

navigate to hosting tab in your account

Pick up where you left off

Here are the last 6 things you did last time you were here

> Manage your Security

> Manage emtechis.com

> Manage your Hosting

> Manage your custom nameservers

> Manage your Domains

> Manage emtech-eg.com

Domain Search

Find your future domain

SEARCH

Open your online store and welcome the world.

Secure your website with a premium SSL

CHAT

☰

bluehost

Home

Websites

cPanel Email

Domains

Hosting

Security

RENEWAL CENTER

MARKETPLACE

then go manage in your vps plan

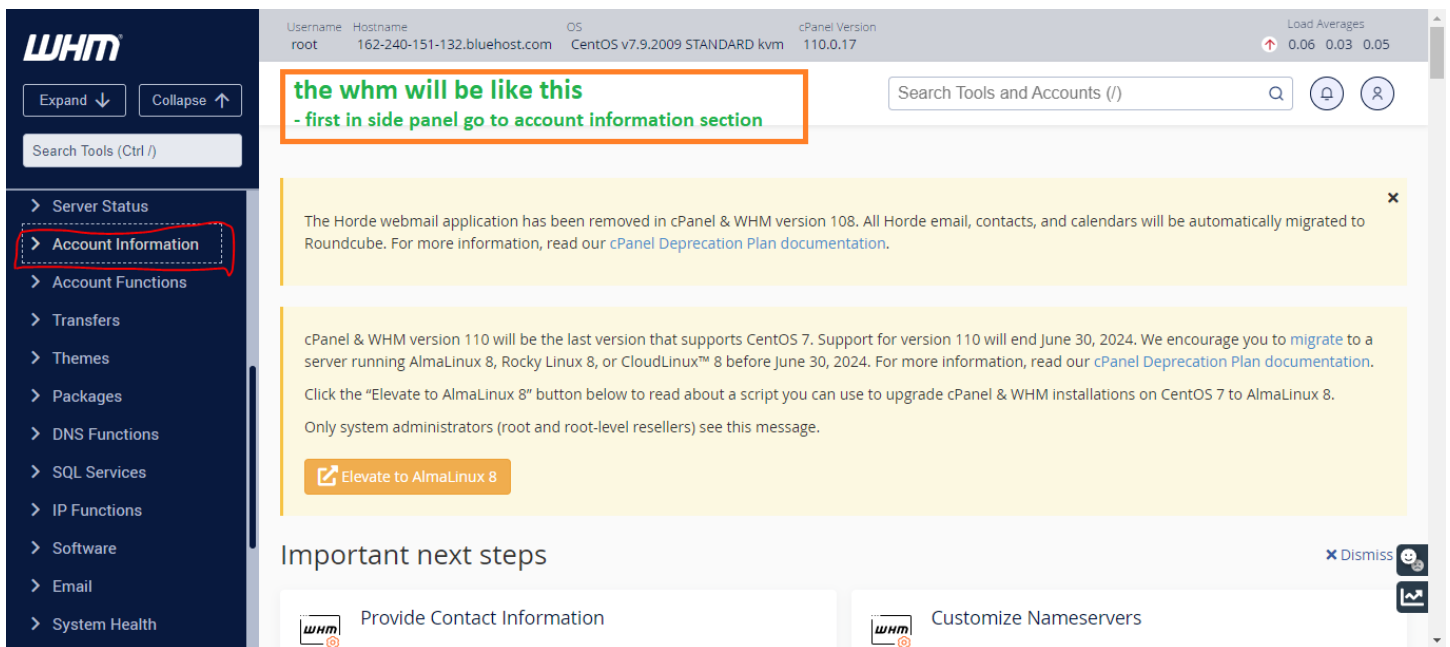
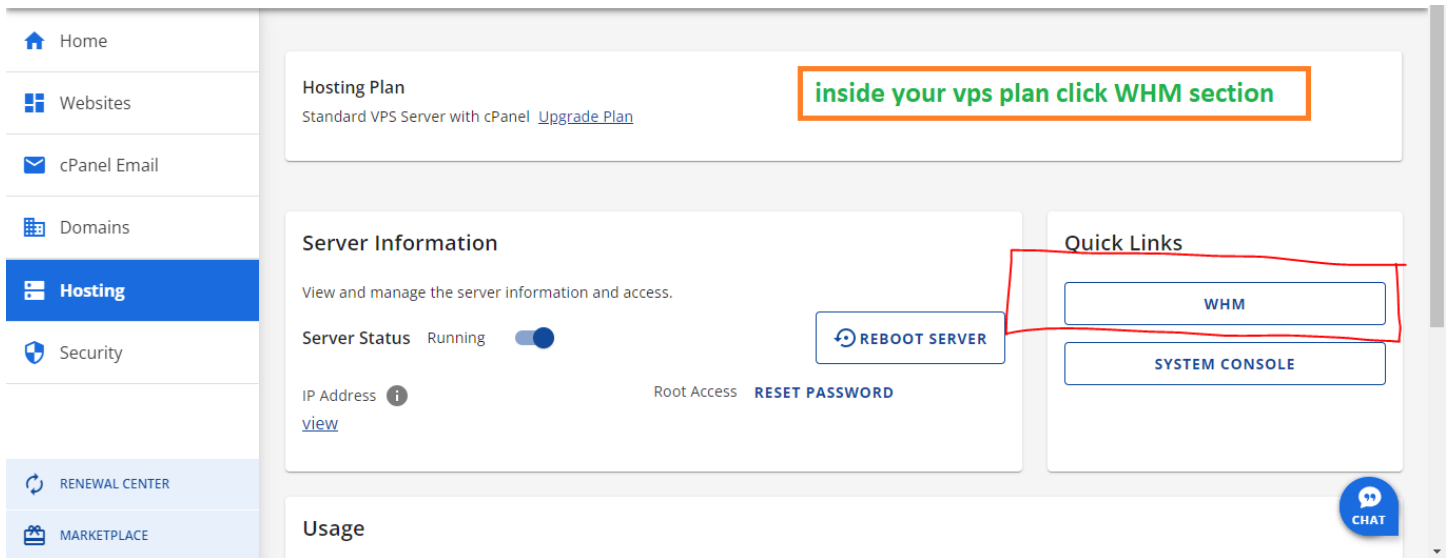
All My Hosting Packages (2)

| Hosting Plan ↑ | Status ↑ | Account ↑ | Renewal Date ↑ | |
|------------------------------------------------|----------|--------------------------|---------------------------|-------------------------------------|
| WordPress Choice Plus Hosting emtech-eg.com | ✓ Active | Mustafa Rezk 53970093 | Auto-Renews 02/13/2024 | MANAGE cPanel Email |
| Standard VPS Server with cPan... -1 | ✓ Active | Mustafa Rezk 53970093 | Auto-Renews 01/03/2025 | MANAGE |

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CHAT



WHM

Expand Collapse

Search Tools (Ctrl /)

Server Status

Account Information

List Accounts

List Parked Domains

List Subdomains

List Suspended Accounts

Show Accounts Over Quota

View Bandwidth Usage

Account Functions

Transfers

Themes

Package

Username: root Hostname: 162-240-151-132.bluehost.com OS: CentOS v7.9.2009 STANDARD kvm cPanel Version: 110.0.17 Load Averages: 0.04 0.03 0.05

Search Tools and Accounts (/)

now vps you have your own private server to host you server and upload them you should create account each account like windows users has it own specific folder for his data
- lets create user and upload ower files
- navigate to List accounts

The Horde webmail application has been removed in cPanel & WHM version 108. All Horde email, contacts, and calendars will be automatically migrated to Roundcube. For more information, read our [cPanel Deprecation Plan documentation](#).

cPanel & WHM version 110 will be the last version that supports CentOS 7. Support for version 110 will end June 30, 2024. We encourage you to [migrate](#) to a server running AlmaLinux 8, Rocky Linux 8, or CloudLinux™ 8 before June 30, 2024. For more information, read our [cPanel Deprecation Plan documentation](#).
Click the "Elevate to AlmaLinux 8" button below to read about a script you can use to upgrade cPanel & WHM installations on CentOS 7 to AlmaLinux 8.
Only system administrators (root and root-level resellers) see this message.

Elevate to AlmaLinux 8

Important next steps

Provide Contact Information

Customize Nameservers

WHM

Expand Collapse

Search Tools (Ctrl /)

Service Configuration

Locales

Backup

Clusters

System Reboot

Server Status

Account Information

List Accounts

List Parked Domains

List Subdomains

List Suspended Accounts

Show Accounts Over

Username: root Hostname: 162-240-151-132.bluehost.com OS: CentOS v7.9.2009 STANDARD kvm cPanel Version: 110.0.17 Load Averages: 0.10 0.04 0.05

Search Tools and Accounts (/)

afetr that create new account from new accout button

Search By: Username/Domain Domain Username Reseller/Owner Package IP Address

Filter By: None Suspended

Apply Filter

Page: First 1 Last All Per Page: 30 Showing all 1 records. Suspended accounts are highlighted in red.

| Domain | cPanel | IP Address | Username | Contact Email | Setup Date | Partition | Quota | Disk Used |
|------------------|--------|-----------------|----------|------------------------------|------------------|-----------|-----------|-----------|
| erp.emtechis.com | CP | 162.240.151.132 | erp | em.tech.automation@gmail.com | 2024-01-03 04:23 | home | unlimited | 2 MB |

Page: First 1 Last All Per Page: 30

Create a New Account

WHM 110.0.17

Home Trademarks Privacy Policy Documentation cPanel & WHM FAQ Support Forums cPanel University

WHM

Expand Collapse

Search Tools (Ctrl /)

Accounts

Show Accounts Over Quota

View Bandwidth Usage

Account Functions

Change Site's IP Address

Create a New Account

Email All Users

Force Password Change

Limit Bandwidth Usage

Manage Account Suspension

Manage Demo Mode

Username: root Hostname: 162-240-151-132.bluehost.com OS: CentOS v7.9.2009 STANDARD kvm cPanel Version: 110.0.17 Load Averages: 0.03 0.04 0.05

Search Tools and Accounts (/)

Domain Information

Domain

Username

Password

Re-type Password

Strength (Why?) Very Weak (0/100) Password Generator

Email

Package

Choose a Package default

--> after that you will forward to this section

- domain: enter your domain

- username: your user name for new user

- password: your password for this user

- email: user mail

other section by default

now we have create user

WHM

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Search Tools (Ctrl /)

Locales

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Username: root Hostname: 162-240-151-132.bluehost.com OS: CentOS v7.9.2009 STANDARD kvm cPanel Version: 110.0.17 Load Averages: 0.02 0.03 0.05

Search Tools and Accounts (/)

when you create user it will be like that

Search By: Username/Domain Domain Username Reseller/Owner Package IP Address

Filter By: None Suspended

Apply Filter

Page: First 1 Last All Per Page: 30 Showing all 1 records. Suspended accounts are highlighted in red.

| Domain | cPanel | IP Address | Username | Contact Email | Setup Date | Partition | Quota | Disk Used |
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Page: First 1 Last All Per Page: 30

Create a New Account

--> now we have create user to upload files of project open cpanel from cpanel section and it will forward you to c panel manager

WHM 110.0.17

Home Trademarks Privacy Policy Documentation cPanel & WHM FAQ Support Forums cPanel University

cPanel

Tools

WP Toolkit

WordPress Manager by Softaculous

Encryption

BoxTrapper

Email Disk Usage

Files

File Manager

Images

Directory Privacy

Disk Usage

Web Disk

Backup

Backup Wizard

Git™ Version Control

File and Directory Restoration

Databases

phpMyAdmin

MySQL® Databases

MySQL® Database Wizard

Remote MySQL®

Home Directory /home/erp

Last Login IP Address 156.210.138.169

Theme jupiter

Server Information

Statistics

Alias Domains 0 / 0

Addon Domains 0 / 0

Disk Usage 2.37 MB / ∞

MySQL® Disk Usage 0 bytes / ∞

cP File Manager Search for

Compress

Collapse All

- /home/erp)
- app
- __pycache__
- static
- templates
+ etc
+ logs
+ mail
+ public_ftp
+ public_html
+ ssl
+ tmp

| Name | Size | Last Modified | Type | Permissions |
|-------------|---------|-----------------------|----------------------|-------------|
| __pycache__ | 4 KB | Jan 4, 2024, 11:54 AM | httpd/unix-directory | 0755 |
| static | 4 KB | Jan 3, 2024, 6:42 PM | httpd/unix-directory | 0755 |
| templates | 4 KB | Jan 3, 2024, 6:41 PM | httpd/unix-directory | 0755 |
| app.py | 1.99 KB | Jan 4, 2024, 11:36 AM | text/x-generic | 0644 |
| products.db | 12 KB | Jan 5, 2024, 8:20 PM | text/x-generic | 0644 |

: file manager will be like that

- to upload your files first create an empty folder with any name (here i called it app)

- then upload your files to this folder the files of the project is (app.py - static - templates)

now we upload our files to run project and python app you should go to the terminal

WHM

terminal

Username: root Hostname: 162-240-151-132.bluehost.com OS: CentOS v7.9.2009 STANDARD kvm cPanel Version: 110.0.17 Load Averages: 0.00 0.01 0.05

Search Tools and Accounts (/)

List Accounts

Home / Account Information / List Accounts

Create a New Account

Search For:

Search By: ☒ Username/Domain ☐ Domain ☐ Username ☐ Reseller/Owner ☐ Package ☐ IP Address

Filter By: ☒ None ☐ Suspended

Page: First 1 Last All Per Page: 30 Showing all 1 records. Suspended accounts are highlighted in red.

| Domain | cPanel | IP Address | Username | Contact Email | Setup Date | Partition | Quota | Disk Use |
|------------------|--------|-----------------|----------|------------------------------|------------------|-----------|-----------|----------|
| erp.emtechis.com | cP | 162.240.151.132 | erp | em.tech.automation@gmail.com | 2024-01-03 04:23 | home | unlimited | 2 MB |

- go back to whm and search for terminal and open it

Expand ↓ Collapse ↑

terminal

Server Configuration

Terminal

Security Center

Resellers

Clusters

Account Functions

Development

Username: root, Hostname: 162-240-151-132.bluehost.com, OS: CentOS v7.9.2009 STANDARD kvm, cPanel Version: 110.0.17, Load Averages: 0.00 0.01 0.05

Search Tools and Accounts (/)

This interface provides command line access to the server's "root" account.

root@162-240-151-132.bluehost.com:

```
root@162-240-151-132.bluehost.com [home]# cd /home/erp
root@162-240-151-132.bluehost.com [erp]# cd app
root@162-240-151-132.bluehost.com [app]# ls
app.py  products.db  __pycache__  static  templates
root@162-240-151-132.bluehost.com [app]# python3 app.py
```

- here you work as like you in windows but first you should install all libraries that you want for example (flask - sqlite3 - ...etc)

- pip3 install flask

after you install all your required libraries that you need in python files

- first navigate to your user file with command cd /home/(username)->erp

- second navigae to file you created and upload files to it cd app (in my case it called app)

- after that run app.py with command python3 app.py

Keyboard shortcuts

Python

```
41 sale_price = request.form['sale_price']
42 quantity = request.form['quantity']
43 category = request.form['category']
44 account = request.form['account']
45 description = request.form['description']
46
47 conn = sqlite3.connect(DATABASE)
48 cur = conn.cursor()
49 cur.execute('''
50     INSERT INTO products (model, brand, supplier, purchase_price, sale_price
51         , quantity, category, account, description)
52     VALUES (?, ?, ?, ?, ?, ?, ?, ?)
53     ''', (model, brand, supplier, purchase_price, sale_price, quantity, category
54         , account, description))
55 conn.commit()
56 conn.close()
57
58 return redirect(url_for('index'))
59
60 @app.route('/view_data')
61 def view_data():
62     conn = sqlite3.connect(DATABASE)
63     conn.row_factory = sqlite3.Row
64     cur = conn.cursor()
65     cur.execute('SELECT * FROM products')
66     products = cur.fetchall()
67     conn.close()
68
69     return render_template('view_data.html', products=products)
70
71 if __name__ == '__main__':
72     app.run(host="162.240.151.132", port=5555, debug=True, threaded=True)
```

here before upload your python flask file in app.run you should change change ip to your vps ip any port you want