

# **REINSTALLATION PROCESS OF VPS-HOSTINGER**

## **Goal :**

1. Reinstall the VPS
2. Use Ubuntu 22.04 as the OS
3. Install CyberPanel as the hosting panel
4. Run a sample website
5. Enabling SSH login.
6. Run a React app.
7. Installing Wordpress

## **Step-1: Reinstall**

1. Go to VPS → OS & Panel
2. Choose **Operating System: Ubuntu 22.04**.

### 3. Click reinstall

The screenshot shows the Hostinger VPS control panel. On the left, there's a sidebar with icons for Overview, Settings, OS & Panel (selected), Operating System (selected), Licenses, Backups & Monitoring, Security, API, and Tutorials. The main area is titled 'Change OS'. It has tabs for Plain OS, OS with Panel, and Application. Under Plain OS, there are cards for AlmaLinux, Debian, Rocky Linux, Ubuntu, Alpine Linux, Arch Linux, CentOS, and CloudLinux. Below this is a 'Reinstall' section with a warning message: 'Reinstall your current Operating System. Note, you will lose current VPS data permanently. Be sure to make backups of important data before changing VPS operating system.' A large yellow box highlights the 'Reinstall' button at the bottom right of this section.

4. It will ask for new root password give the password

5. Confirm the warning

- o All data will be deleted
- o Snapshots will be deleted

6. Wait 5–10 minutes

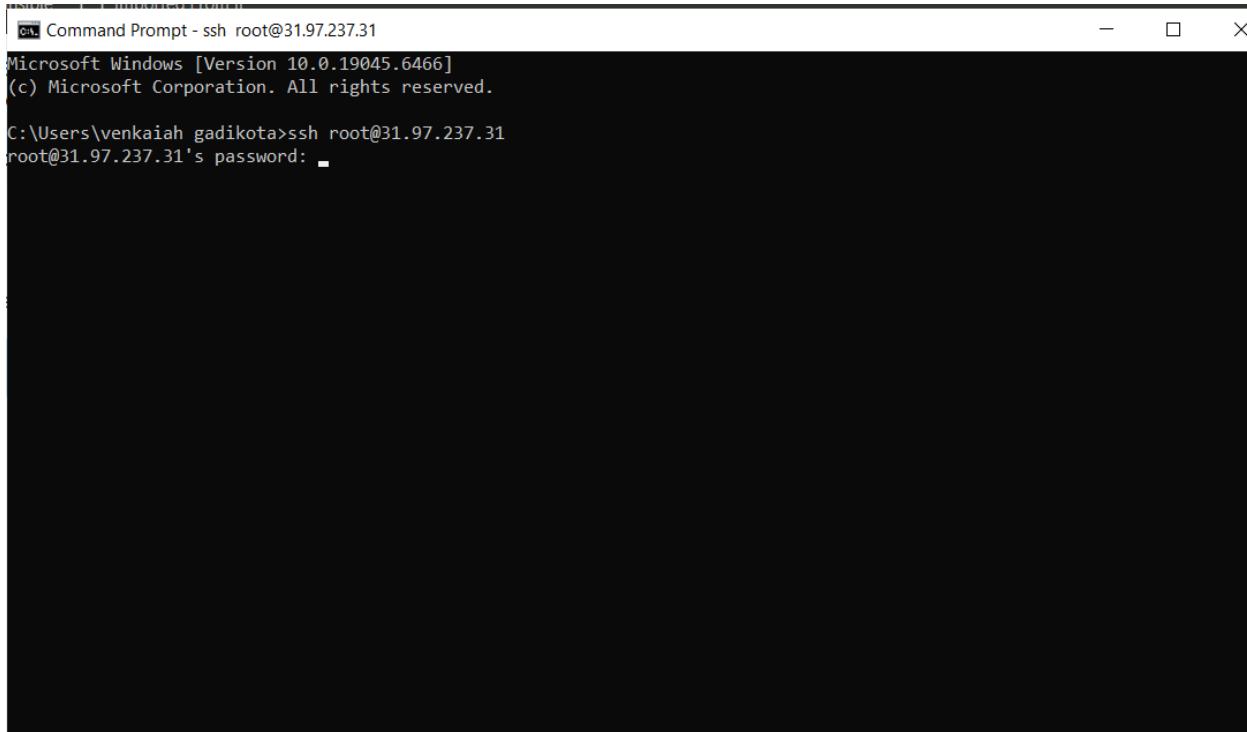
The screenshot shows the Hostinger VPS control panel. The sidebar is identical to the previous one. The main area is titled 'Operating System'. It shows a message: 'Recreating hinfinity.cloud.slate' followed by 'You can manage your VPS when these changes are completed. It can take up to 10 minutes.' Below this is a 'Current OS' section for Ubuntu 22.04 LTS, which includes a description and a 'Forum' link. At the bottom is a 'Change OS' section with tabs for Plain OS, OS with Panel, and Application. A large yellow box highlights the 'Recreating' message in the top section.

## STEP 2 — SSH Into VPS

1. After reinstalling is successful check Overview of VPS to make sure it is reinstalled successfully.

Method : Compare resource usage then and No

method-1 : **ssh root@<pubip>** run this in your terminal. You can login to vps from your computer.

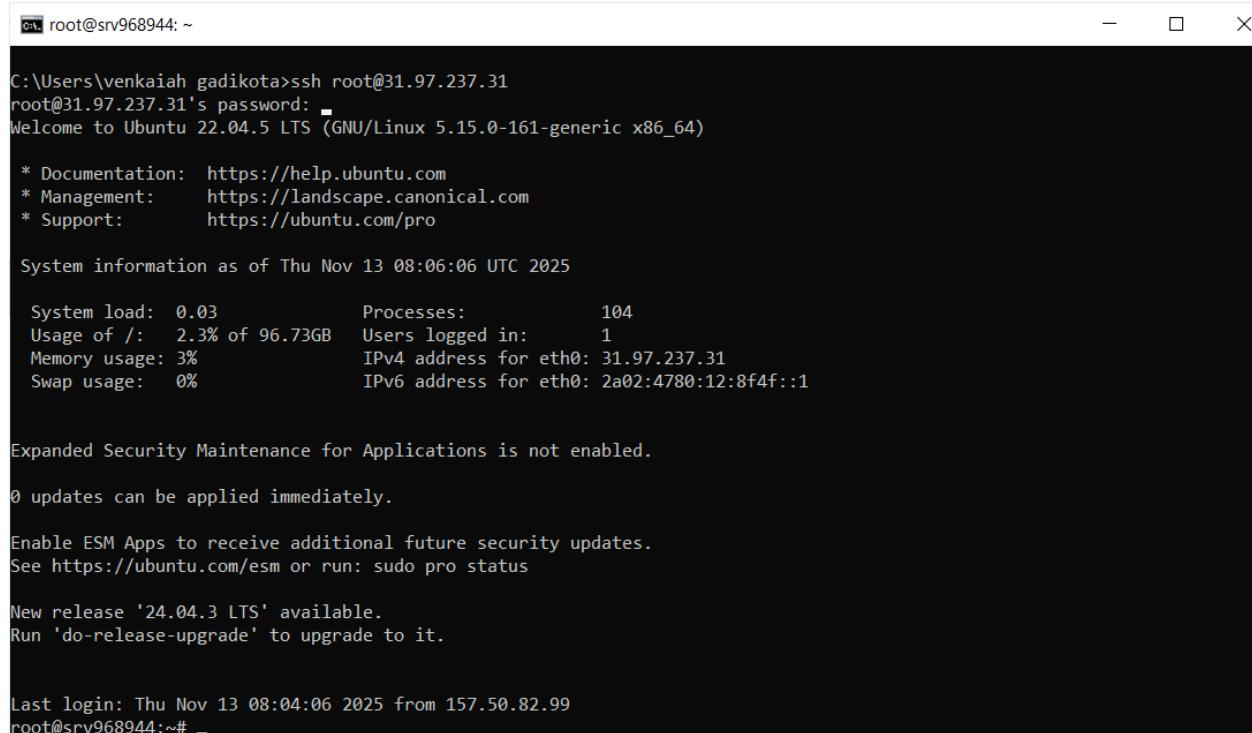


```
Command Prompt - ssh root@31.97.237.31
Microsoft Windows [Version 10.0.19045.6466]
(c) Microsoft Corporation. All rights reserved.

C:\Users\venkaiah gadikota>ssh root@31.97.237.31
root@31.97.237.31's password: -
```

Give the root password that you have given during reinstallation.  
then give yes and click enter.

Then you will be taken into vps terminal



```
C:\Users\venkaiah_gadikota>ssh root@31.97.237.31
root@31.97.237.31's password: 
Welcome to Ubuntu 22.04.5 LTS (GNU/Linux 5.15.0-161-generic x86_64)

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

System information as of Thu Nov 13 08:06:06 UTC 2025

 System load: 0.03      Processes:          104
 Usage of /: 2.3% of 96.73GB Users logged in:      1
 Memory usage: 3%
 Swap usage:  0%          IPv4 address for eth0: 31.97.237.31
                           IPv6 address for eth0: 2a02:4780:12:8f4f::1

Expanded Security Maintenance for Applications is not enabled.

0 updates can be applied immediately.

Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run: sudo pro status

New release '24.04.3 LTS' available.
Run 'do-release-upgrade' to upgrade to it.

Last login: Thu Nov 13 08:04:06 2025 from 157.50.82.99
root@srv968944:~#
```

Do **\$ls -la** , you can see all directories has been deleted.

Do **\$uptime** , this show recent bootup.

### STEP 3 — Install CyberPanel on Ubuntu 22

1. Update your vps

```
$ sudo apt update -y && sudo apt upgrade -y
```

This command fetches the latest package list from the Ubuntu repositories and installs all newer versions of the already-installed packages.

2. Download script of cyberpanel

```
$ sh <(curl -s https://cyberpanel.net/install.sh || wget -O -
https://cyberpanel.net/install.sh)
```

Prompts:

1. Please enter the number[1-2]:

The installer asks whether to install or exit.

You must choose **1** to start installation.

2.

1. Install CyberPanel with OpenLiteSpeed. (FREE)
2. Install CyberPanel with LiteSpeed Enterprise.
3. Exit.

Please enter the number[1-3]: 1

3. Install Full service for CyberPanel? This will include PowerDNS, Postfix and Pure-FTPD.

Full installation [Y/n]: Y

Full installation includes:

- PowerDNS (DNS)
- Postfix (Email sending)
- Dovecot (Email receiving)
- FTP server
- Database & web server

You choose **Y** — correct, required for WordPress + Email.

4. Do you want to setup Remote MySQL? (This will skip installation of local MySQL)

Remote MySQL [y/N]:

**y**: Use external MySQL server (not installed locally)

**N**: Install MySQL locally (recommended for WordPress)

5. Press Enter key to continue with latest version or enter specific version:

Pressing **ENTER** installs the latest stable version.

You don't need to type a version manually.

6. Choose [d]efault, [r]andom or [s]et password: [d/r/s]

**d** = default password 1234567 (unsafe)

**r** = random password created automatically

**s** = set your own password

7. Do you wish to install Memcached process and its PHP extension?

Please select [Y/n]:

Memcached improves website & WordPress speed.

It uses very little RAM.

Recommended: **Y**

8. Do you want to install Redis?

Please select [Y/n]:

Redis improves caching and database performance.

Recommended: **Y**

9. Would you like to set up a WatchDog (beta) for Web service and Database service?

Please select [Y/n]:

WatchDog automatically restarts:

- Web server
  - Database server
- If they crash.  
Helps uptime.

Recommended: **Y**

10. Would you like to restart your server now? [y/N]:

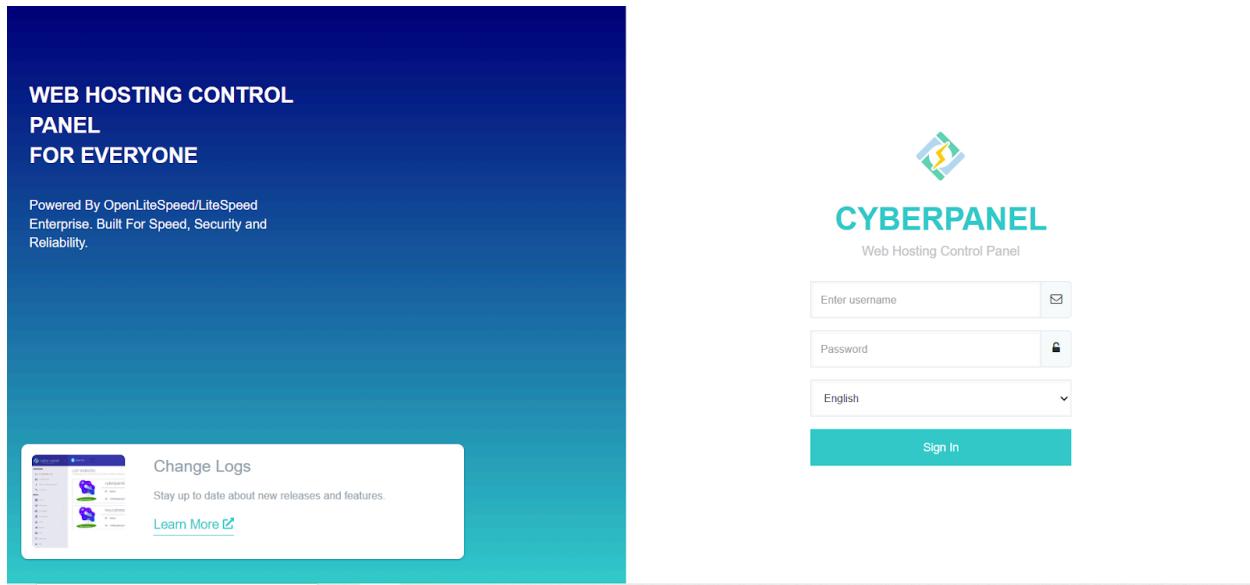
Restart applies all services and completes setup.

Recommended: **Y**

## **THAT SETS UP CYBERPANEI**

3. Now to access Cyberpanel in UI, paste url in web browser.

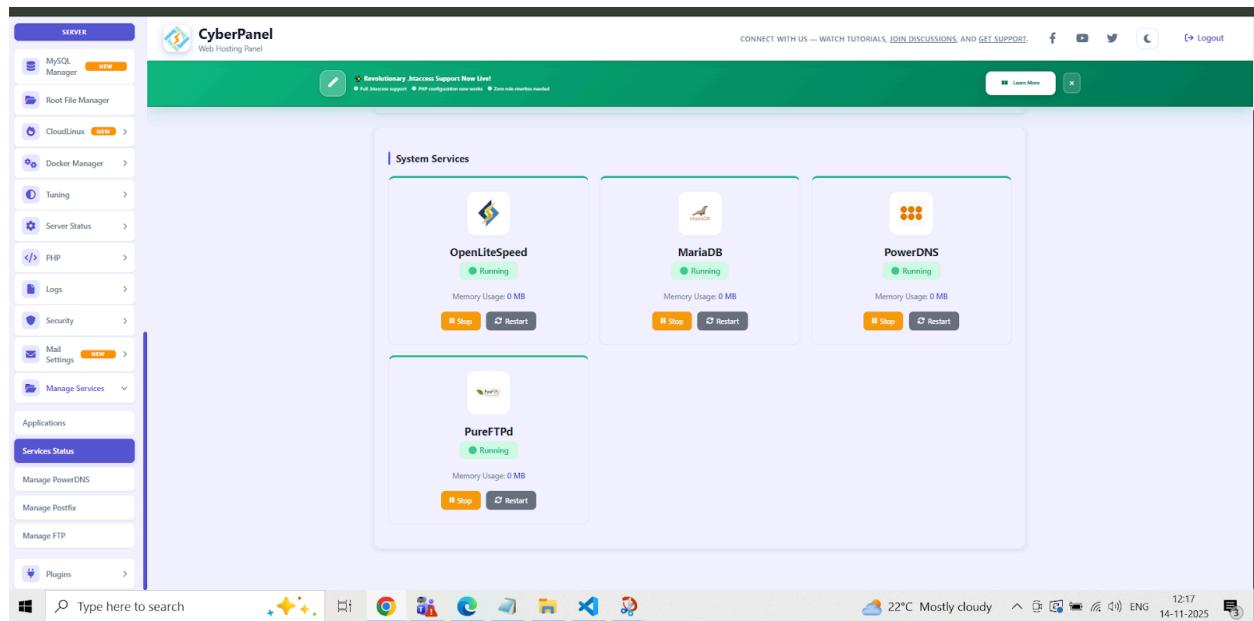
<https://pubip:8090/>



Username: admin

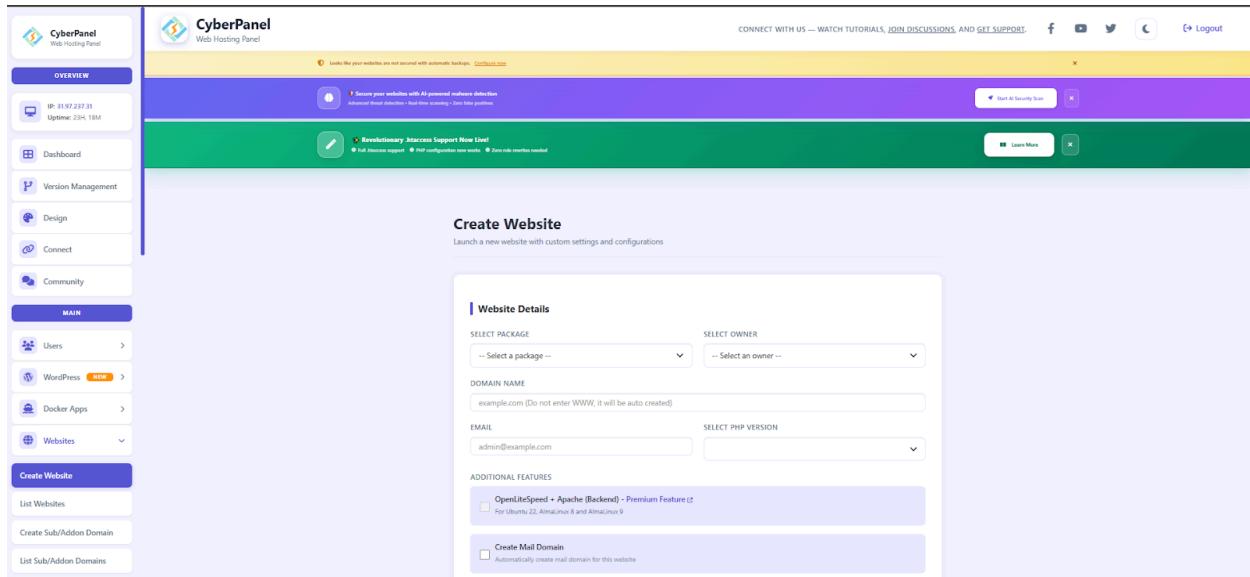
Password: 1234567 (if you chose default pwd)

4. check all required services like OpenLiteSpeed(webserver), mariadb etc, are installed.



## STEP-4 Run a sample website ==

### 1. Create a Website



The screenshot shows the CyberPanel Web Hosting Panel. On the left, there's a sidebar with sections like Overview, Dashboard, Version Management, Design, Connect, and Community. Under the MAIN section, there are links for Users, WordPress, Docker Apps, and Websites. The 'Websites' link is currently selected, and under it, there's a 'Create Website' button. The main content area is titled 'Create Website' and has a sub-section titled 'Website Details'. It includes fields for 'SELECT PACKAGE' (a dropdown menu), 'SELECT OWNER' (another dropdown menu), 'DOMAIN NAME' (a text input field containing 'example.com'), 'EMAIL' (a text input field containing 'admin@example.com'), 'SELECT PHP VERSION' (a dropdown menu), and two optional checkboxes: 'OpenLiteSpeed + Apache (Backend) - Premium Feature' (unchecked) and 'Create Mail Domain' (unchecked). At the bottom right of the 'Create Website' form, there's a large blue 'Create Website' button.

Under “Websites” , Click on “Create Website”, then choose “default package” (this tells how much of resources can our website can use from our vps), then choose owner of website as admin(user who can own this website), then give your “domain name” ,then give “email” (The Email field is needed only for CyberPanel’s internal record-keeping to identify who owns the website). Choose “php version”.

This creates our website.

The screenshot shows the CyberPanel interface. On the left, there's a sidebar with sections like Overview, Dashboard, Version Management, Design, Connect, and Community. Under the Main section, there are links for Users, WordPress, Docker Apps, and Websites. The 'Create Website' button is highlighted. The main content area is titled 'Create Website' and says 'Launch a new website with custom settings and configurations'. It contains fields for 'Website Details' such as 'SELECT PACKAGE', 'SELECT OWNER', 'DOMAIN NAME' (example.com), 'EMAIL' (admin@example.com), 'SELECT PHP VERSION', and 'ADDITIONAL FEATURES' (OpenLiteSpeed + Apache (Backend) - Premium Feature). There are also checkboxes for 'Create Mail Domain' and 'Automatically create mail domain for this website'.

Then Click on “file manager” of your website

The screenshot shows the File Manager interface. The left sidebar shows a current path of '/home/test.infinity/public\_html'. The main area displays a file list with one item: 'index.html' (FILE NAME), '0.00 KB' (SIZE), 'Nov 14 07:23' (LAST MODIFIED), and '-rw-r--r--' (PERMISSIONS).

Create the app files(index.html) under this folder.

Then we have to map the our domain with ip address(Virtual Host Mapping)

- For that go to openLiteSpeed :<https://<pubip>:7080>

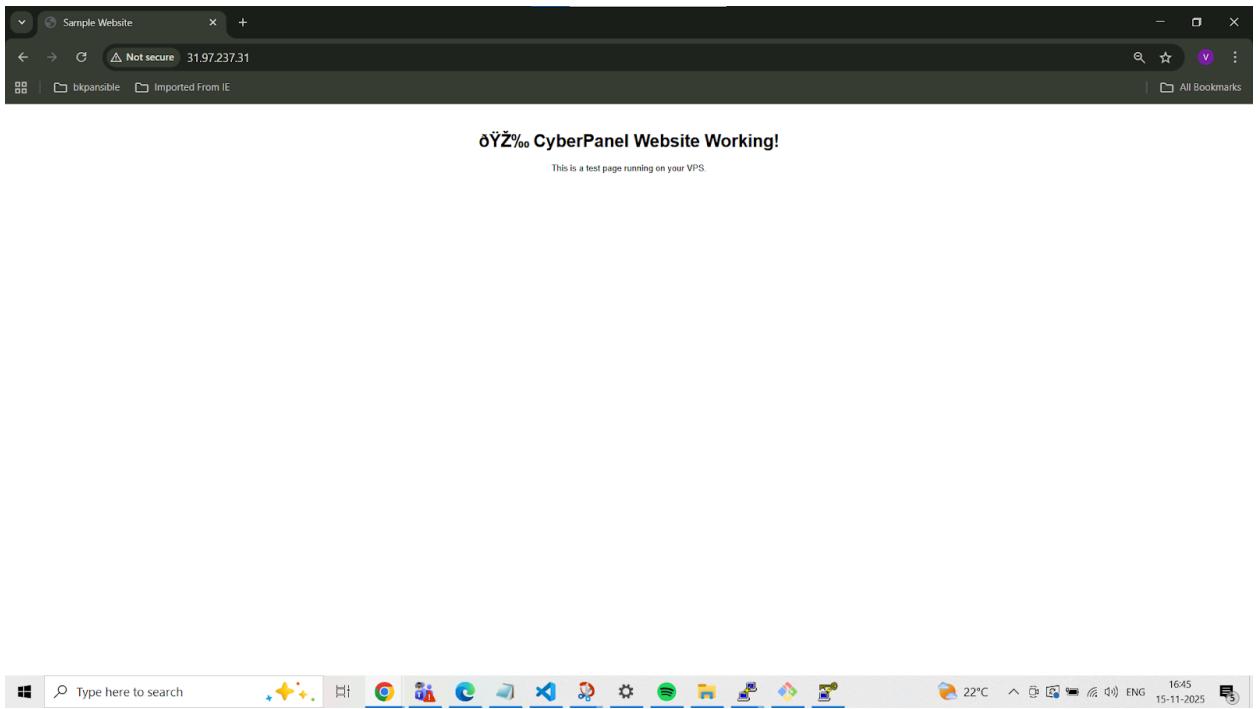
- Click on listeners
- Click on default

Listener Name	IP Address	Port	Secure	Actions
Default	ANY	80	No	
SSL	ANY	443	Yes	
SSL IPv6	[ANY]	443	Yes	

- Under virtual hostmappings , replace “Domain” with “Domain name” or “\*”

Virtual Host	Domains	Actions
mail.test.com	mail.test.com	
test.com	test.com	
mail.test.infinity	mail.test.infinity	
test.infinity	31.97.237.31	

- Then click the green refresh icon on the top right corner to grace restart.
-



## Step-5 Enabling SSH login

- Generate SSH keypair using puttygen tool

The screenshot shows a Windows desktop environment with a terminal window open. The terminal window title is "VxCodeUserSetup-x64-1.90.2.exe". Inside, there's a Cygwin session with various commands run, including file operations like `ls -l` and `cp`, and system status checks. Below the terminal is a Putty Key Generator dialog box. The Putty Key Generator window has tabs for File, Key, Conversions, and Help. Under the Key tab, it says "No key." It includes sections for Actions (Generate, Load, Save public key, Save private key), Parameters (Type of key to generate: RSA selected, DSA, ECDSA, EdDSA, Number of bits in a generated key: 2048), and a status bar at the bottom.

```

root@srv968944: ~
VxCodeUserSetup-x64-1.90.2.exe*
venkaiyah gadikota@VENKAIAH MINGW64 ~/Downloads (master)
$ ls -l | grep id_rsa
4 -rw-r--r-- 1 venkaiyah gadikota 197121 1679 Nov 15 16:38 id_rsa
venkaiyah gadikota@VENKAIAH MINGW64 ~/Downloads (master)
$ cp id_rsa ../.ssh/
venkaiyah gadikota@VENKAIAH MINGW64 ~/Downloads (master)
$ chmod 600 ~/.ssh/id_rsa
venkaiyah gadikota@VENKAIAH MINGW64 ~/Downloads (master)
$ ssh root@31.97.237.31
Welcome to Ubuntu 22.04.5 LTS (GNU/Linux 5.15.0-161-generic x86_64)

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

System information as of Sat Nov 15 11:10:59 UTC 2025

  System load: 0.08      Processes:          134
  Usage of /: 10.4% of 96.73GB   Users logged in: 1
  Memory usage: 10%           IPv4 address for eth0: 31.9
  Swap usage: 0%             IPv6 address for eth0: 2a02

Expanded security Maintenance for Applications is not enabled.

9 updates can be applied immediately.
To see these additional updates run: apt list --upgradable

14 additional security updates can be applied with ESM Apps.
Learn more about enabling ESM Apps service at https://ubuntu.com

New release '24.04.3 LTS' available.
Run 'do-release-upgrade' to upgrade to it.

You have new mail.
Last Logon: Sat Nov 15 08:44:17 2025 from 157.50.81.142

This server has installed CyberPanel.
Visit: https://www.cyberpanel.net
Forum: https://forums.cyberpanel.net
Log In: https://31.97.237.31:8090

Current Server time : 2025-11-15 11:10:59.
Current CPU usage : 0.03, 0.01
Current RAM usage : 473/936MB (5.96%).
Current Disk usage : 11/97GB (11%).
System uptime : 1 days, 23 hours, 37 minutes.

Enjoy your accelerated Internet by CyberPanel.
root@srv968944:~# |

```

- Choose RSA and click on generate, and move the cursor till fully loaded, then give “key comment”(not mandatory), then give “passphrase”(not mandatory).
- Copy the public key which will appear after loading and paste it in “vps ssh section”. Then click on “Save Private Key”, this will download the private key into our machine.

## Logging into machine through ssh:-

- Open putty tool

```

MINGW64:/c/Users/venkaiah_gadikota/Downloads
venkaiah_gadikota@VENKAIAH MINGW64 ~/Downloads (master)
$ cp id_rsa ./.ssh/
venkaiah_gadikota@VENKAIAH MINGW64 ~/Downloads (master)
$ chmod 600 ./.ssh/id_rsa
venkaiah_gadikota@VENKAIAH MINGW64 ~/Downloads (master)
$ ssh root@31.97.237.31
Welcome to Ubuntu 20.04.5 LTS (GNU/Linux 5.15.0-161-generic x86_64)

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

System information as of Sat Nov 15 11:10:59 UTC 2025

System load: 0.08 Processes: 134
Usage of /: 10.4% of 96.73GB Users logged in: 1
Memory usage: 10% IPv4 address for eth0: 31.97.237.31
Swap usage: 0% IPv6 address for eth0: 2a02:4780:12::8f

Expanded Security Maintenance for Applications is not enabled.

9 updates can be applied immediately.
To see these additional updates run: apt list --upgradable

14 additional security updates can be applied with ESM Apps.
Learn more about enabling ESM Apps service at https://ubuntu.com/esm

New release '24.04.3 LTS' available.
Run 'do-release-upgrade' to upgrade to it.

You have new mail.
Last login: Sat Nov 15 08:44:17 2025 from 157.50.81.142

This server has installed CyberPanel.
Visit https://www.cyberpanel.net
Forward https://www.cyberpanel.net
Log in https://31.97.237.31:8090

Current Server time : 2025-11-15 11:10:59.
Current CPU usage: 0.01%
Current RAM usage : 0.579452%
Current Disk usage : 473/7936MB (5.96%).
Current Disk usage : 11/97GB (11%).
System uptime : 1 days, 23 hours, 37 minutes.

Enjoy your accelerated Internet by CyberPanel.

root@31.97.237.31:~# Read from remote host 31.97.237.31: Connection reset by peer
connection to 31.97.237.31 closed.
client_loop: send disconnect: Connection reset by peer
venkaiah_gadikota@VENKAIAH MINGW64 ~/Downloads (master)
$ |

```

- Under hostname give the public ip of vps, then under ssh->auth->credentials, give the path of the private key.
- Give the user name as “root”.
- Then you can successfully login to the machine.

Note:- To use gitBash we need to do SSH Key Conversion + SSH Key Authentication Setup.

## Step:-6 User Management.

To create User in cyberpanel

Under Main, Click on users, then Click on “Create New User”.

The screenshot shows the CyberPanel interface for creating a new user. The left sidebar has a 'OVERVIEW' section with IP information and a 'MAIN' section with a 'Users' dropdown. The main content area is titled 'CREATE NEW USER' and contains fields for First Name, Last Name, Email Address, Access Control List (set to 'user'), Websites Limit (0 = Unlimited), Username (input field), Password (input field with a 'Generate' button), and Security Level (set to HIGH). The bottom of the screen shows a taskbar with various icons and system status information.

fill the boxes as required, for our requirement we will choose ACL as the user. Users can only manage websites we attach to. Share the login details with the user.

To give terminal access to user

- \$ sudo adduser <username> , give this command and create the password

For the user.

- Give this username and pwd to the user
- User has to go to his terminal and has to run this below cmd  
\$ ssh <usn>@pubip.

He can successfully login to the machine.

## Step-6 Deploying NodeJsApp

### 1. Creating a Website in CyberPanel

1. Opened CyberPanel.

- - 2. Navigated to:  
Websites → Create Website
  - 3. Entered:  
Domain: hinfinitys.com
  - 4. CyberPanel created the directory:  
/home/hinfinitys.com/public\_html
- 

## 2. Upload the Node.js Project

- 1. Upload the ZIP file into:  
/home/hinfinitys.com/public\_html
  - 2. Extracted it and obtained the project folder inside public\_html.
- 

## 3. Install Node.js and NPM

- 1. Install Node.js using apt.
  - 2. Install npm.
  - 3. Verify versions with:  
`node -v`  
`npm -v`
- 

## 4. Install Dependencies and Built the App

- 1. Navigat to project folder:  
`cd /home/hinfinitys.com/public_html/project-folder`
  - 2. Installed dependencies:  
`npm install`
  - 3. Built the Next.js app:  
`npm run build`
- 

## 5. Run the Application on Port 3001

1. Start the Next.js server:  
`npm run start -- -p 3001`
  2. Verify it worked by opening:  
`http://SERVER_IP:3001`
- 

## 6. Ensure Continuous Running with PM2

1. Install PM2 globally.
  2. Start the app using:  
`pm2 start "npm run start -- -p 3001" --name hinfinity`
  3. Save PM2 process list:  
`pm2 save`
  4. Enable PM2 to run on boot:  
`pm2 startup`
- 

## 7. Configure Reverse Proxy in OpenLiteSpeed

This was the main fix that made the domain work.

### 7.1 Create an External App

In OpenLiteSpeed admin panel:

Virtual Hosts → hinfinitys.com → External App → Add

Entered:

- Type: Web Server
- Name: Isnode
- Address: 127.0.0.1:3001

Saved.

### 7.2 Create a Proxy Context

Virtual Hosts → hinfinitys.com → Context → Add

Enter :

- Type: Proxy
- URI: /
- Web Server: lsnode
- Address: 127.0.0.1:3001

Save.

### 7.3 Restarted OpenLiteSpeed

systemctl restart lsws

This allowed hinfinitys.com → LiteSpeed → Node.js (port 3001) to work properly.

## Steps to Install WordPress on slateai.dev Using CyberPanel

1. Log in to CyberPanel

Open:

<http://YOUR-SERVER-IP:8090>

Log in with your admin credentials.

2. Open Website Management for slateai.dev

Since the website is already created and SSL is already issued, go to:  
Websites → List Websites → Manage → slateai.dev

3. Install WordPress

Inside the slateai.dev management page, go to:

Application Installer → WordPress

Enter the following details:

- Blog Title
- Admin Username
- Admin Password

- Admin Email

Click “Install Now”.

CyberPanel will install WordPress and create the database automatically.

4. Verify WordPress Installation

Open:

<https://slateai.dev>

-

You should now see the WordPress default home page.

5. Access WordPress Admin Dashboard

Go to:

<https://slateai.dev/wp-admin>

Log in using the admin username and password you created.