

Module 3: Overview of CyberPanel Dashboard

3.1 Dashboard Walkthrough: Navigating the CyberPanel Interface

Once you log in to the CyberPanel admin panel using your server IP or domain

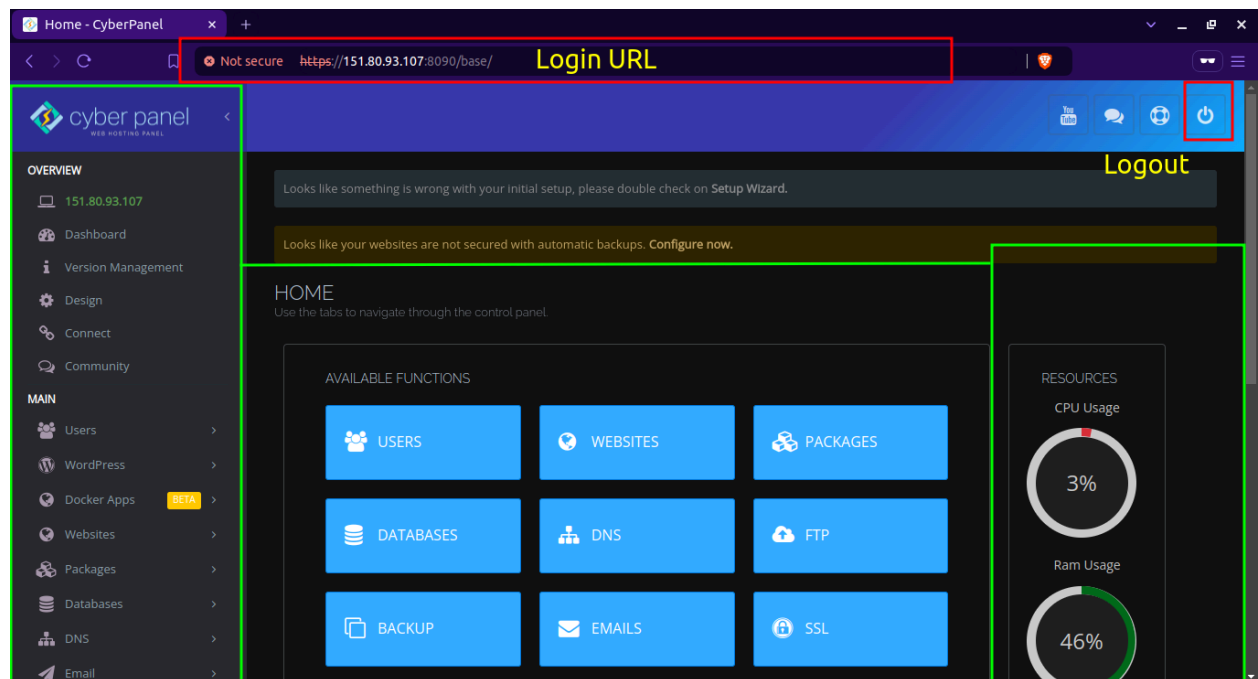
(<https://<your-server-IP>:8090>), you'll be greeted by the dashboard, which provides an overview of your server's status and key features. The dashboard is designed to offer easy access to the most commonly used sections of the panel.

3.1.1 Layout of the CyberPanel Dashboard

- **Left-Side Menu:** This is where most of your navigation takes place. It contains sections like "Websites," "DNS," "Databases," "FTP," "SSL," "Email," "Security," and more.
- **Top Bar:** Displays essential system statistics like CPU, RAM, disk usage, and swap memory. You can also access your profile settings, notifications, and logout options from here.

- **Main Dashboard:** Displays a quick summary of your server's performance, including CPU, RAM, disk space, and swap memory usage. It also gives you access to graphs for monitoring system resource utilization over time.
- **Quick Links:** Below the system statistics, you'll find quick links to frequently used features like creating a website, managing email accounts, and accessing file management tools.

Overview



3.2 Key Sections of CyberPanel

Each key section of the CyberPanel dashboard has its own role in managing various aspects of your hosting environment. Let's walk through the main sections:

3.2.1 Websites

The "Websites Functions" section is one of the most important areas of CyberPanel, allowing you to create, manage, and monitor your websites.

- **Create Website:** From here, you can easily create a new website by selecting a domain, PHP version, and other options.
- **List Websites:** Shows all the websites hosted on your server, allowing you to manage individual website settings, modify resources, or delete websites.
- **Modify Websites** - Here you can edit your website's configuration settings.
- **Delete Website:** Here you can delete all your website contents - Emails, Databases.
- **Suspend/Unsuspend :** Here you can temporarily disable your website and re-enable as needed.
- **Manage Websites:** You can configure each website's settings, such as modifying its document root, managing SSL certificates, enabling GIT, or modifying PHP configurations.

WEBSITE FUNCTIONS

On this page you can launch, list, modify and delete websites from your server.

AVAILABLE FUNCTIONS



CREATE WEBSITE



LIST WEBSITE



MODIFY WEBSITE



SUSPEND/UNSUSPEND

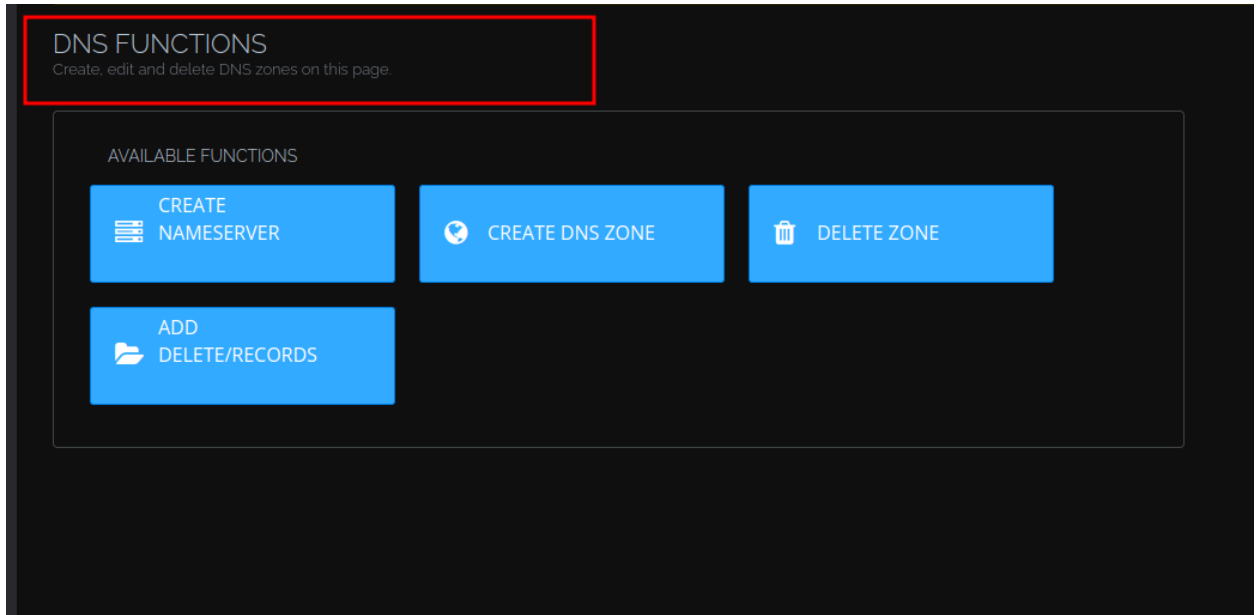


DELETE WEBSITE

3.2.2 DNS

CyberPanel provides an easy-to-use DNS management tool, allowing you to manage DNS zones and records for your domains.

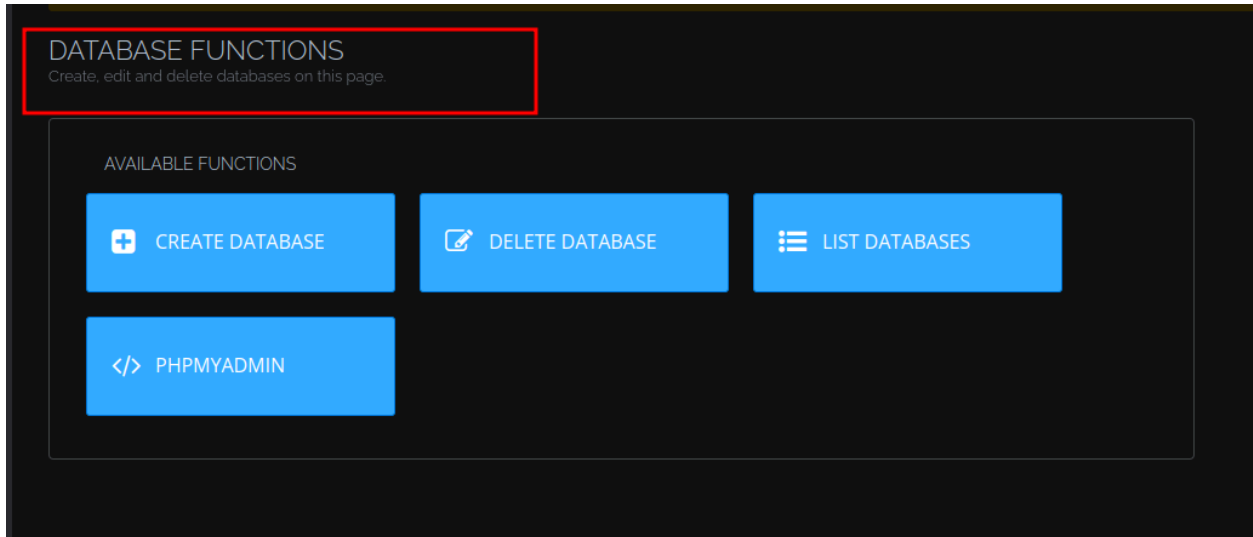
- **Create DNS Zone:** Set up a DNS zone for your domain, linking it to the server's IP address.
- **List DNS Zones:** View and manage DNS zones for each domain. You can add, edit, or delete DNS records (A, CNAME, MX, TXT, etc.).
- **Create Nameserver:** This is where you set up glue records (for custom nameservers).
- **Delete Zone** - Allows you to delete your domain's DNS zone.



3.2.3 Databases

CyberPanel integrates with MySQL/MariaDB to provide seamless database management.

- **Create Database:** Easily create new databases for your applications or websites. You will assign a database name, user, and password here.
- **List Databases:** Shows all the databases in your server, allowing you to manage, delete, or edit database credentials.
- **phpMyAdmin Access:** Direct access to phpMyAdmin for advanced database management.



3.2.4 FTP

CyberPanel simplifies FTP management by allowing you to set up and manage FTP accounts for your websites.

- **Create FTP Account:** Create new FTP accounts, linking them to specific websites. You can define access permissions and limits for each account.
- **List FTP Accounts:** Displays all created FTP accounts, allowing you to manage or delete them as needed.

FTP FUNCTIONS

Delete and create FTP accounts on this page.

AVAILABLE FUNCTIONS

 CREATE FTP ACCOUNT

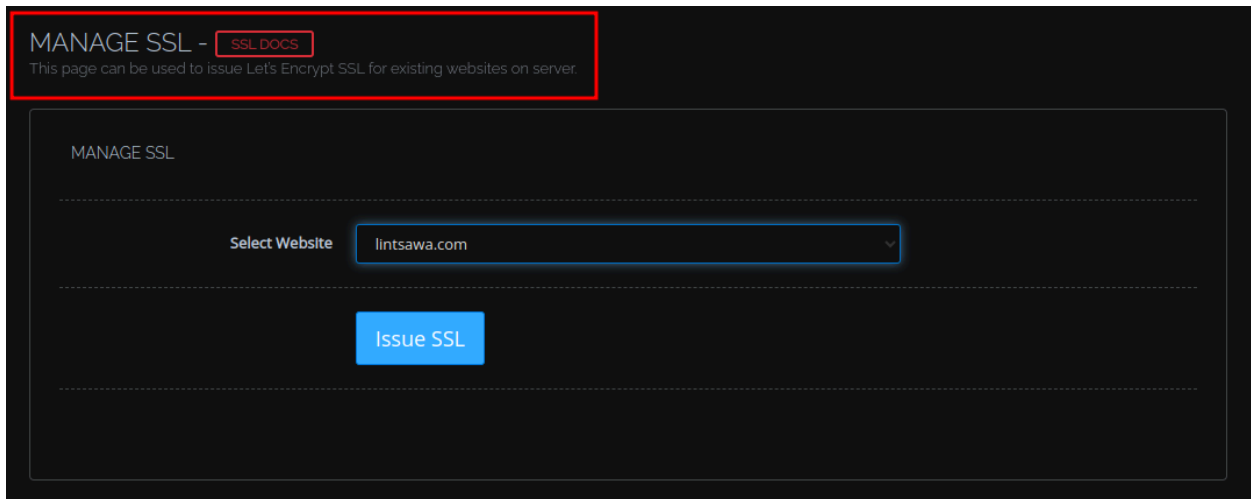
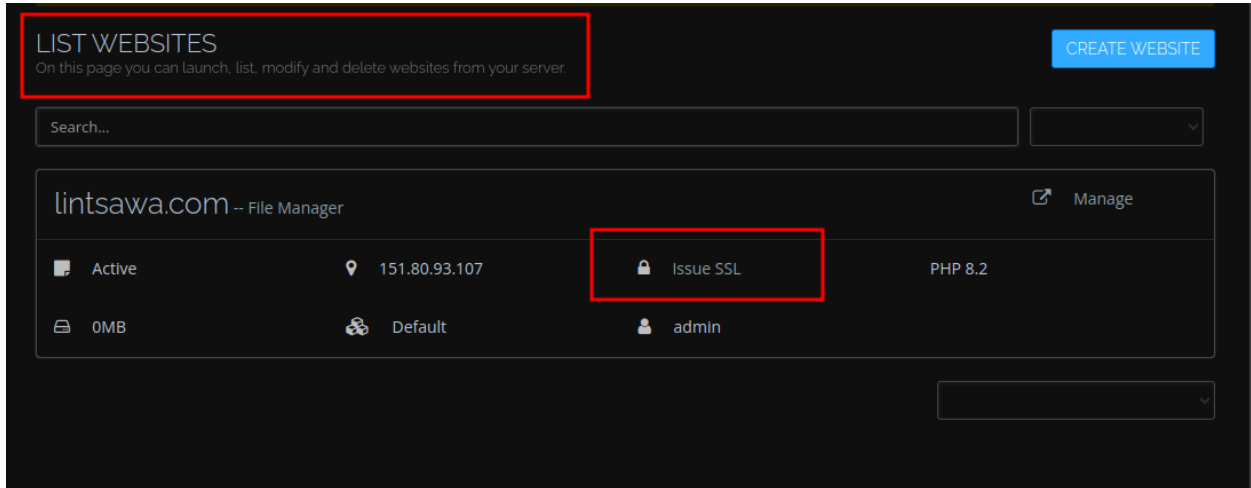
 DELETE FTP ACCOUNT

 LIST FTP ACCOUNTS

3.2.5 SSL

SSL management is built into CyberPanel, enabling you to easily install and manage SSL certificates.

- **Issue SSL Certificates:** CyberPanel integrates with Let's Encrypt, allowing you to issue free SSL certificates for your domains with just one click.
- **Manage SSL:** Manage SSL certificates for each website. You can renew or delete certificates and even upload custom SSL certificates if needed.
- **Automatic Renewal:** Set up automatic renewals for SSL certificates to ensure continued security for your websites.

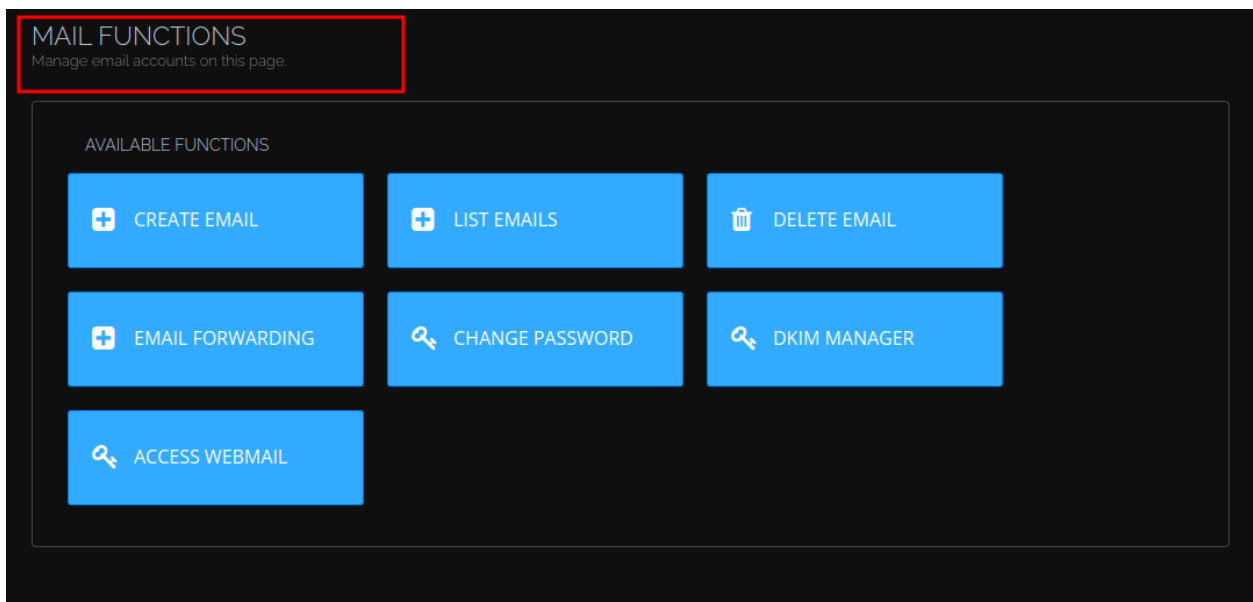


3.2.6 Email

CyberPanel includes an integrated email solution(SnappyMail) for managing email accounts, mail servers, and webmail.

- **Create Email Account:** Easily set up email accounts for your domains, allowing users to send and receive emails.

- **List Email Accounts:** Displays all created email accounts, letting you manage or delete them.
- **Access Webmail:** CyberPanel provides direct access to Rainloop webmail for users to manage their emails.
- **Email Forwarding :** Lets you to create forwarders for your emails.
- **DKIM Manager :** Allows you to generate DKIM Keys for Email signing for your emails.

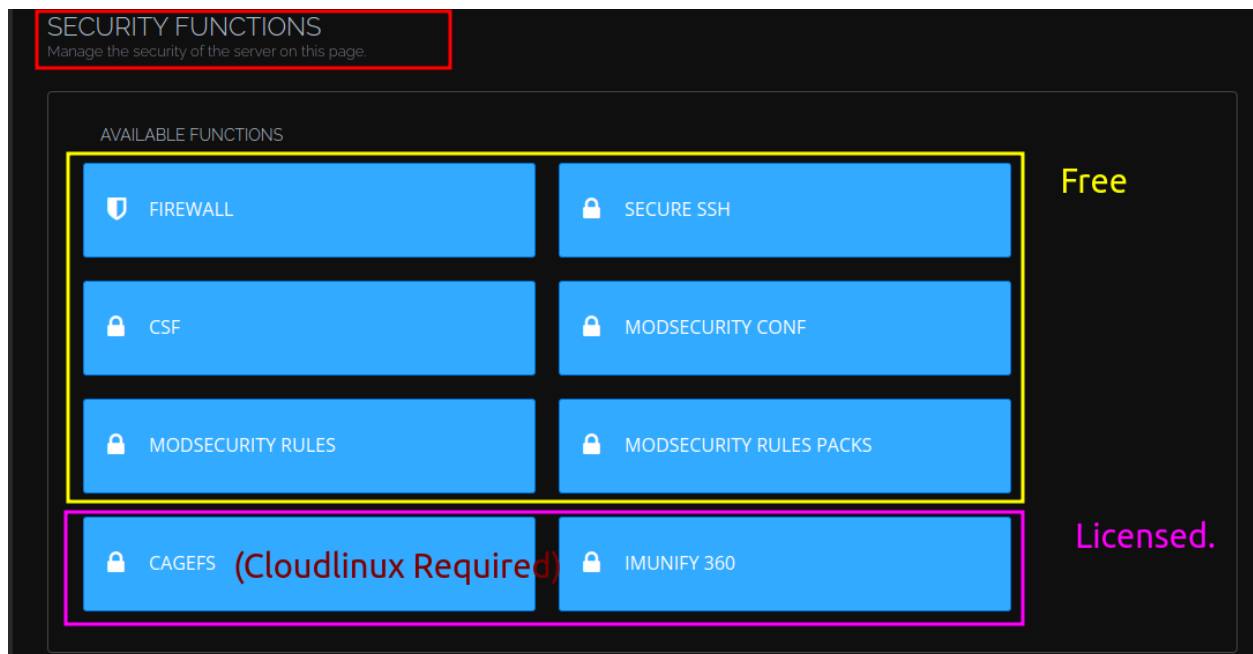


3.2.7 Security

The "Security" section helps in managing server security by offering firewalls, ModSecurity (web application firewall), and other features.

- **Firewall Rules:** Set up firewall rules to control access to your server by IP address, port, or protocol.

- **ModSecurity:** Enable or disable ModSecurity for websites to protect against common web attacks such as SQL injection or XSS attacks.
- **Secure SSH:** Configure and secure your SSH access, including changing the SSH port or disabling root login for enhanced security.



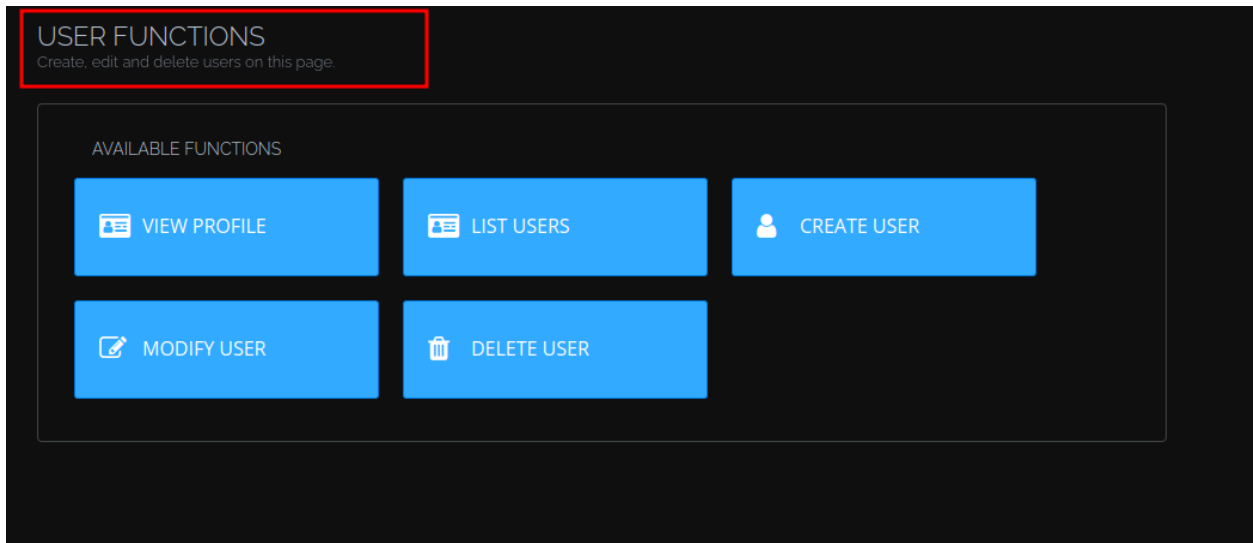
3.2.8 Users

The users section allows you to create different users with different access levels ACL (for example, Administrator, Reseller, User)

Create users/Modify Users: Allows you to create and modify users.

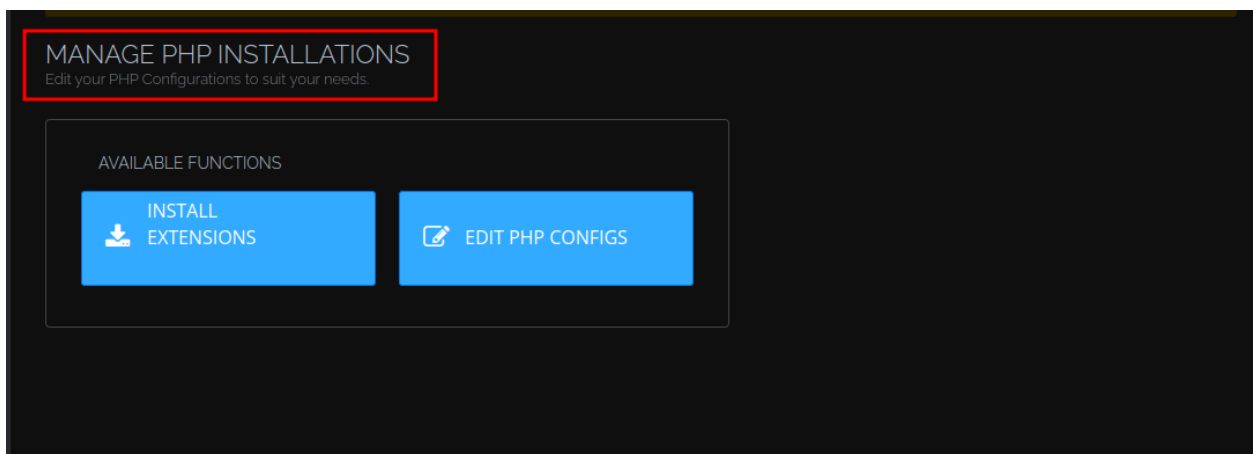
List Users : To list users created on your server.

View Profile: List the account details for the currently logged in user.



3.2.9 PHP

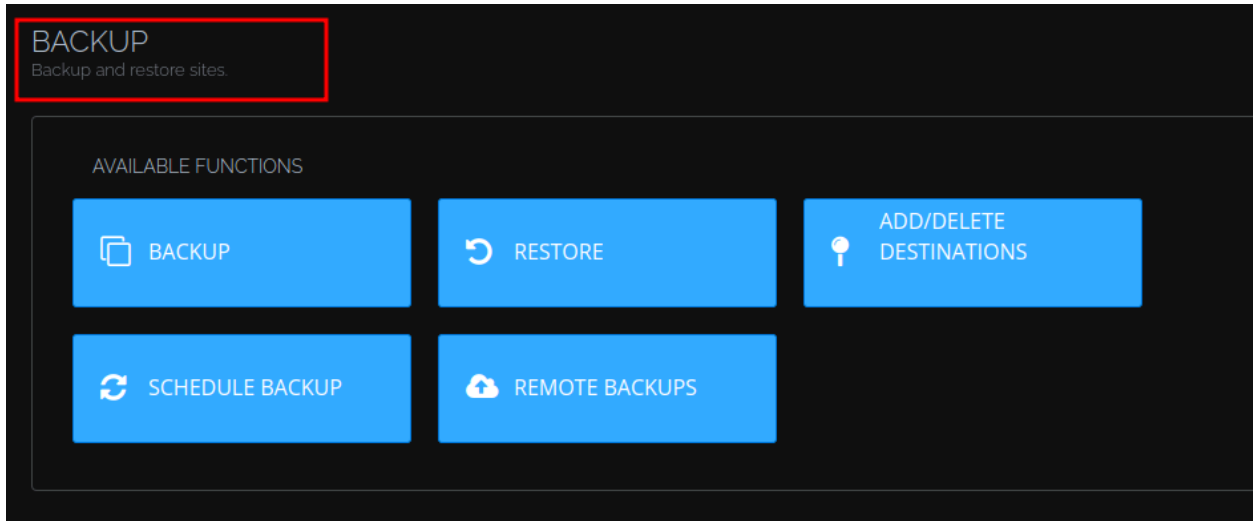
Cyberpanel comes installed with PHP versions and this section allows you to Manage PHP Installations Edit your PHP Configurations to suit your needs.



3.2.10 Backup

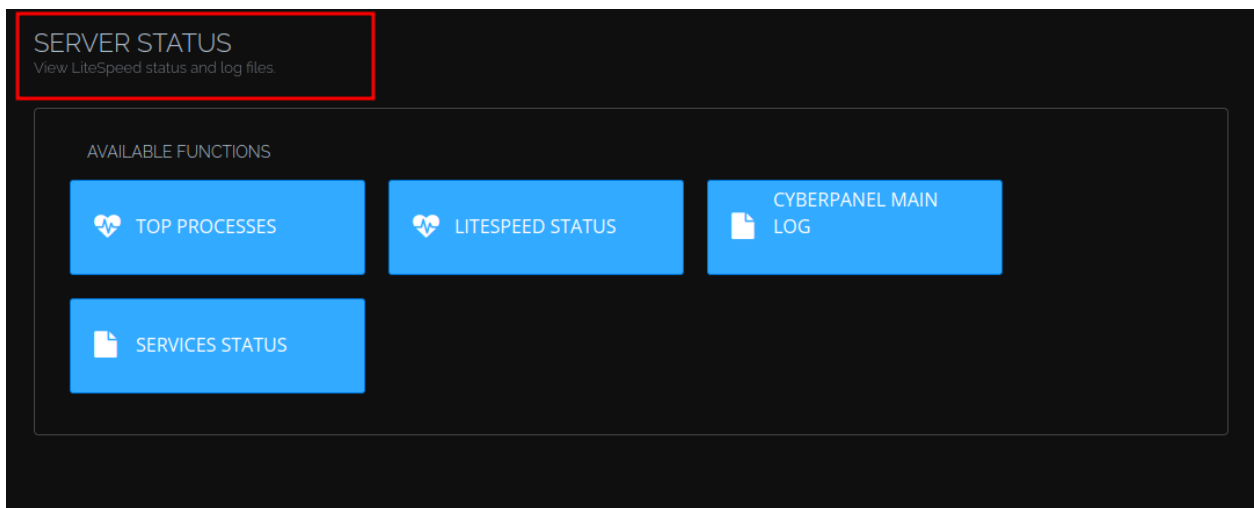
Cyberpanel has built in Backup manager that allows you to Backup

Backup and restore sites.



3.2.11 Status

Allows you to view services status and log files.



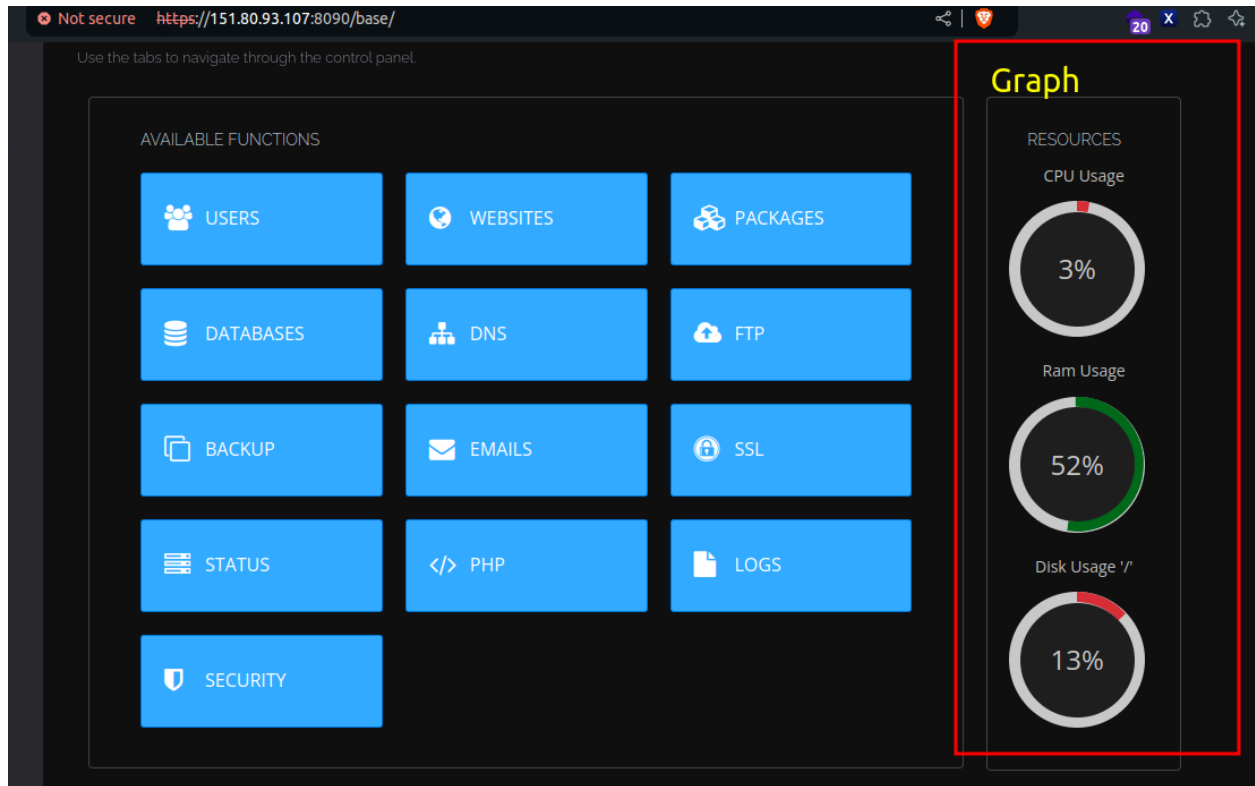
3.3 Understanding the Resource Usage Graphs and Logs

3.3.1 Resource Usage Graphs

CyberPanel includes resource monitoring graphs that help you keep track of server performance over time. These graphs are updated in real-time and can be found on the dashboard.

- **CPU Usage:** Monitors the CPU consumption of your server in real-time, helping you identify high-load scenarios.
- **RAM Usage:** Displays memory usage on your server. Consistently high RAM usage may indicate that the server needs optimization or additional memory resources.
- **Disk Usage:** Tracks disk usage to ensure your server has sufficient storage for website files, databases, and other content.

These graphs help identify performance bottlenecks or spikes in traffic that could impact the server's stability or availability.



3.3.2 Logs

Logs are crucial for troubleshooting and diagnosing issues on the server.

- **Access Logs:** View web server access logs to see how visitors are interacting with your websites.
- **Error Logs:** Check error logs to troubleshoot issues related to website downtime, configuration errors, or failed services.
- **Email Logs:** Inspect email logs to diagnose mail delivery issues or spam filtering problems.

You can access these logs directly from the CyberPanel interface or through the command line for more advanced analysis.

