Web Server - Debian Bullseye 11.4 (VPS)

- I originally switched my VPS from a provider in Thailand to a VPS provided by Server4you 24th September 2021, but they announced to discontinue offering VPS in 2022.
- I switched 27th July 2022 to Contabo which is a German company running servers in all parts of the world. I chose server location Düsseldorf/Germany and Debian 11.4 as OS.

VPS specification

- 4 vCPU
- 8 GB RAM
- 200 GB SSD
- 32 TB outgoing traffic / month
- Debian 11.4
- SSH and VNC access
- 3 month is 13.72 Euro
- My VPS was ready within 5 minutes after order placement

Installation

- Setup
- SSH Access

Apache 2.4 & PHP 8.1 with SSL

- Install Apache

```
$ sudo apt update
$ sudo apt install apache2
```

- Install PHP - How To Install PHP (8.1, 7.4 & 5.6) on Debian 11

```
$ sudo apt install software-properties-common ca-certificates lsb-
release apt-transport-https gnupg
$ sudo sh -c 'echo "deb https://packages.sury.org/php/ $(lsb_release -
sc) main" > /etc/apt/sources.list.d/php.list'
$ wget -qO - https://packages.sury.org/php/apt.gpg | sudo apt-key add -
$ sudo apt update
$ sudo apt install php8.1 php8.1-mysql php8.1-sqlite3
```

- Enable required modules

```
$ sudo a2enmod rewrite
$ sudo a2enmod ssl
```

- Setup your virtual hosts

- Create sub folders in `/var/log/apache2` if you setup log files for the virtual hosts in sub folders
- Install Let's Encrypt Certbot

ProFTP Server

- Install ProFTP Server

BackupPC

- Setup Configuration on Hosts for BackupPC

Crontab

- Root

```
$ sudo crontab -e
35 3 * * 6 certbot renew && /etc/init.d/apache2 restart
```

Other apps

Install

- ```
  $ sudo apt update
  $ sudo apt install vim
  $ sudo apt install zip
  $ sudo apt install rename
  $ sudo apt install rsync
  ```

Config

- Change visudo editor

```
$ sudo update-alternatives --config editor
```
```

From:
https://wiki.condrau.com/ - **Bernard's Wiki**

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