

V2Board

Deploy manually using aaPanel

aaPanel is the international version of Pagoda (bt.cn)

1. Configure aaPanel

You need to select your system in **aaPanel** to obtain the installation method. Here, CentOS 7+ is used as the system environment for installation.

Please be sure to use **CentOS 7+** to install aaPanel, other systems may have unknown problems.

// 最新脚本可以在aaPanel官网获取

bash

```
yum install -y wget && wget -O install.sh http://www.aapanel.com/script/install_6.0_en.sh &&
```

After the installation is completed, we log in to aaPanel to install the environment.

Select the environment installation method using LNMP and check the following information

- ☒ Nginx 1.17
- ☒ MySQL 5.6
- ☒ PHP 7.4

Select Fast to quickly compile and install.

2. Install Redis and fileinfo

aaPanel > App Store > Find PHP 7.4 and click Setting > Install extentions > redis,fileinfo to install.

3. Unlock prohibited functions

aaPanel > App Store > Find PHP 7.4 and click Setting > Disabled functions to `putenv`
`proc_open` `pcntl_alarm` `pcntl_signal` remove it from the list.

4.Add site

aaPanel Panel > Website > Add site.

In Domain, fill in the domain name you point to the server.

In Database, select MySQL.

In PHP Verison, select PHP-74.

5.Install V2Board

After logging in to the server through SSH, access the site path such as:
`/www/wwwroot/your site domain name`.

The following commands need to be executed in the site directory.

删除目录下文件

```
chattr -i .user.ini
```

```
rm -rf .htaccess 404.html index.html .user.ini
```

bash

Execute the command to clone from Github to the current directory.

```
git clone https://github.com/v2board/v2board.git ./
```

bash

Execute the command to install dependent packages and V2board

```
sh init.sh
```

bash

Follow the prompts to complete the installation

6. Configure site directory and pseudo-static

After the addition is completed, edit the added site > Site directory > Running directory and select /public to save.

After the addition is complete, edit the added site > URL rewrite and fill in the pseudo-static information.

```
location /downloads {  
}  
  
location / {  
    try_files $uri $uri/ /index.php$is_args$query_string;  
}  
  
location ~ .*\. (js|css)?$  
{  
    expires      1h;  
    error_log off;  
    access_log /dev/null;  
}
```

7. Configure scheduled tasks

aaPanel Panel > Cron.

In Type of Task, select Shell Script
in Name of Task, fill in v2board

in Period, select N Minutes 1 Minute

in Script content, fill in `php /www/wwwroot/path/artisan schedule:run`

Add a scheduled task that executes every 1 minute based on the above information.

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8. Start the queue service

The system of V2board strongly relies on the queue service, and the queue service must be enabled to use V2Board normally. The following uses the supervisor service in aaPanel to protect the queue service as a demonstration.

aaPanel Panel > App Store > Tools

Find the Supervisor and install it. After the installation is complete, click and [设置](#) > Add Daemon fill in the information as follows

In Name, fill in V2board

in Run User, select www

in Run Dir, select the site directory in Start Command, fill in `php artisan horizon`, fill in 1 in Processes

After filling in, click Confirm to add and run.

common problem

Q: 500 error

A: Check the site root directory permissions, recurse 755, and ensure that the directory has writable file permissions. It may also be caused by the Redis extension not being installed or Redis not following the instructions. You can check the logs under storage/logs to troubleshoot errors or enable debug mode and turn off cross-site prevention in site settings.

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