

Cài đặt PHP

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Bước 1: Cài đặt kho EPEL

`dnf install epel-release -y`

```
[root@doankimhan ~]# dnf install epel-release -y
Last metadata expiration check: 0:29:42 ago on Sat 16 Nov 2024 09:52:52 PM +07.
Dependencies resolved.
=====
Package                               Architecture  Version
Repository                               Size
=====
Installing:
epel-release                           noarch        9-7.el9
extras-common                          19 k
Installing weak dependencies:
epel-next-release                       noarch        9-7.el9
extras-common                           8.1 k
=====
```

Bước 2: Cài đặt kho Remi

`dnf install https://rpms.remirepo.net/enterprise/remi-release-9.rpm -y`

```
[root@doankimhan ~]# dnf install http://rpms.remirepo.net/enterprise/remi-release-9.rpm -y
Last metadata expiration check: 0:00:02 ago on Sat 16 Nov 2024 10:29:27 PM +07.
remi-release-9.rpm                      30 kB/s | 30 kB      00:00
Dependencies resolved.
=====
Package                               Architecture  Version
Repository                               Size
=====
Installing:
remi-release                           noarch        9.4-2.el9.remi
@commandline                            30 k
=====
```

Bước 3: Cài đặt PHP

`dnf install php`

```
[root@doankimhan ~]# dnf install php
Last metadata expiration check: 0:01:11 ago on Sat 16 Nov 2024 10:35:50 PM +07.
Dependencies resolved.
=====
Package                               Arch          Version
Repository                               Size
=====
Installing:
php                                    x86_64        8.1.30-1.el9.remi
remi-modular                            1.7 M
Installing dependencies:
libsodium                             x86_64        1.0.18-8.el9
epel                                     161 k
oniguruma5php                          x86_64        6.9.9-2.el9.remi
remi-safe                               220 k
php-common                             x86_64        8.1.30-1.el9.remi
remi-modular                            841 k
=====
```

Bước 4: Kiểm tra phiên bản php

php -v

```
[root@doankimhan ~]# php -v
PHP 8.1.30 (cli) (built: Sep 26 2024 17:35:59) (NTS gcc x86_64)
Copyright (c) The PHP Group
Zend Engine v4.1.30, Copyright (c) Zend Technologies
    with Zend OPcache v8.1.30, Copyright (c), by Zend Technologies
[root@doankimhan ~]#
```

Bước 5: Cài đặt các thư viện bổ sung

dnf install php-xml php-soap php-xmlrpc php-mbstring php-json php-gd
php-mcrypt php-mysql

```
[root@doankimhan ~]# dnf install php-xml php-soap php-xmlrpc php-mbstring php-json
php-gd php-mcrypt php-mysql
Last metadata expiration check: 0:05:19 ago on Sat 16 Nov 2024 10:35:50 PM +07.
Package php-xml-8.1.30-1.el9.remi.x86_64 is already installed.
Package php-mbstring-8.1.30-1.el9.remi.x86_64 is already installed.
Package php-common-8.1.30-1.el9.remi.x86_64 is already installed.
Dependencies resolved.
=====
Package                Arch    Version                                Repository    Size
=====
Installing:
php-gd                  x86_64  8.1.30-1.el9.remi                    remi-modular  61 k
php-pecl-mcrypt          x86_64  1.0.7-1.el9.remi.8.1                 remi-modular  34 k
php-pecl-mysql           x86_64  1.0.0-0.25.20210423.ca514c4.el9.remi.8.1 remi-modular  43 k
php-pecl-xmlrpc          x86_64  1.0.0~rc3-1.el9.remi.8.1             remi-modular  64 k
php-soap                 x86_64  8.1.30-1.el9.remi                    remi-modular 199 k
Installing dependencies:
gd3php                  x86_64  2.3.3-9.el9.remi                     remi-safe     136 k
highway                 x86_64  1.2.0-2.el9                          epel           35 k
libaom                  x86_64  3.9.0-1.el9                          epel          1.8 M
libavif                 x86_64  0.11.1-4.el9                         epel           81 k
libdav1d                x86_64  1.2.1-1.el9                          epel          596 k
libimagequant           x86_64  2.17.0-1.el9                         epel           62 k
libjxl                  x86_64  0.7.0-1.el9                          epel          957 k
libmcrypt               x86_64  2.5.8-30.el9                         epel          105 k
libraqm                 x86_64  0.8.0-1.el9                         epel           19 k
libvmaf                 x86_64  2.3.0-2.el9                         epel          177 k
php-mysqlnd             x86_64  8.1.30-1.el9.remi                    remi-modular  215 k
rav1e-libs              x86_64  0.7.1-3.el9                         epel          1.0 M
svt-av1-libs            x86_64  0.9.0-1.el9                         epel          1.7 M
Installing weak dependencies:
jxl-pixbuf-loader       x86_64  0.7.0-1.el9                         epel           53 k
=====
```

Bước 6: Sau lưu lại tập tin cấu hình của php

`cp /etc/php.ini /etc/php.ini.backup`

```
[root@doankimhan ~]# cp /etc/php.ini /etc/php.ini.backup
[root@doankimhan ~]# ls /etc/ | grep php
php.d
php-fpm.conf
php-fpm.d
php.ini
php.ini.backup
php-zts.d
[root@doankimhan ~]#
```

Bước 7: Khởi động dịch vụ httpd

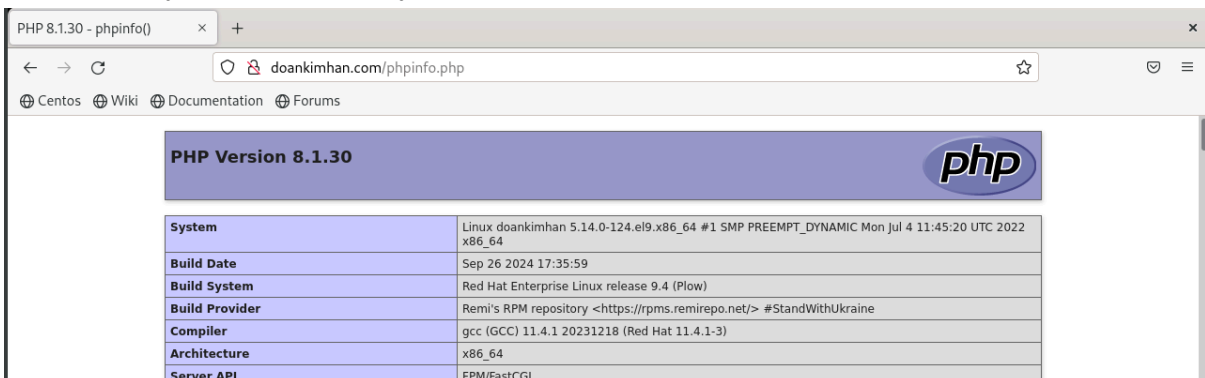
`systemctl start httpd`

```
[root@doankimhan ~]# systemctl start httpd
[root@doankimhan ~]# systemctl status httpd
● httpd.service - The Apache HTTP Server
   Loaded: loaded (/usr/lib/systemd/system/httpd.service; disabled; vendor pr
   Drop-In: /etc/systemd/system/httpd.service.d
           └─php-fpm.conf
   Active: active (running) since Sun 2024-11-17 10:21:57 +07; 3min 54s ago
     Docs: man:httpd.service(8)
   Main PID: 3172 (httpd)
   Status: "Total requests: 3; Idle/Busy workers 100/0;Requests/sec: 0.0131;
   Tasks: 177 (limit: 10944)
   Memory: 21.2M
     CPU: 141ms
   CGroup: /system.slice/httpd.service
           └─3172 /usr/sbin/httpd -DFOREGROUND
             3174 /usr/sbin/httpd -DFOREGROUND
             3175 /usr/sbin/httpd -DFOREGROUND
             3176 /usr/sbin/httpd -DFOREGROUND
             3177 /usr/sbin/httpd -DFOREGROUND
```

Bước 8: Tạo file phpinfo.php

```
[root@doankimhan ~]# cat /var/www/html/phpinfo.php
<?php phpinfo(); ?>
[root@doankimhan ~]#
```

Bước 9: Truy cập vào trình duyệt firefox, nhập `https://<IP server>:80/phpinfo.php`



PHP 8.1.30 - phpinfo()

doankimhan.com/phpinfo.php

Centos Wiki Documentation Forums

PHP Version 8.1.30	
System	Linux doankimhan 5.14.0-124.el9.x86_64 #1 SMP PREEMPT_DYNAMIC Mon Jul 4 11:45:20 UTC 2022 x86_64
Build Date	Sep 26 2024 17:35:59
Build System	Red Hat Enterprise Linux release 9.4 (Plow)
Build Provider	Remi's RPM repository <https://rpms.remirepo.net/> #StandWithUkraine
Compiler	gcc (GCC) 11.4.1 20231218 (Red Hat 11.4.1-3)
Architecture	x86_64
Server API	FPM/FastCGI