Upgrade PHP from 7.x to 8.x in RHEL8

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Overview: This article helps Linux user to upgrade PHP from lower version to latest version(8.2) in Alma Linux, Rocky Linux and RHEL.

1. How to upgrade PHP from 7.x to 8.2 in AlmaLinux 8.x, RockyLinux 8.x, RHEL 8.x?

Step 1(A): Enable EPEL and Remi repositories, run the below command:

```
root@server:~# dnf install https://rpms.remirepo.net/enterprise/remi-release-8.rpm -y
```

Step 1(B):. Install the PHP 8.2 repository

```
root@server:~# dnf module reset php -y

root@server:~# dnf module install php:remi-8.2 -y
```

Step 1(C): Install yum-util packages

```
root@server:~# yum install yum-utils -y
```

Step 1(D): Then run the update command

```
root@server:~# yum update
```

Step 1(E): To verify that PHP 8.2 has been successfully installed, check the version by running the following command:

```
root@server:~# php -v
```

2. How to upgrade PHP from 7.x to 8.2 in AlmaLinux 9.x, RockyLinux 9.x, RHEL 9.x?

Step 2(A): Install the EPEL repository. Run the following command:

```
root@server:~# dnf install epel-release
```

Step 2(B): Install the Remi repository by executing the following command

```
root@server:~# dnf install http://rpms.remirepo.net/enterprise/remi-release-9.rpm
```

Step 2(C): Install the DNF utilities

```
root@server:~# dnf install dnf-utils
```

Step 2(D): Enable the PHP 8.2 Remi repository, run the following commands:

```
root@server:~# dnf module reset php
root@server:~# dnf module install php:remi-8.2
```

Step 2(E): Run the following command to install PHP 8.2:

```
root@server:~# dnf install php
```

Step 2(F): Check the PHP version by running the following command:

```
root@server:~# php -v
```

2(A). How to upgrade PHP from 7.x to 8.4 in AlmaLinux 9.x, RockyLinux 9.x, RHEL 9.x?

Step 2(A): Install the EPEL repository. Run the following command:

```
root@server:~# dnf install epel-release
```

Step 2(B): Install the Remi repository by executing the following command

```
root@server:~# dnf install http://rpms.remirepo.net/enterprise/remi-release-9.rpm -y
```

Step 2(C): Install the DNF utilities

```
root@server:~# dnf install dnf-utils -y
```

Step 2(D): Enable the PHP 8.2 Remi repository, run the following commands:

```
root@server:~# dnf module reset php
root@server:~# dnf module install php:remi-8.4
```

Step 2(E): Run the following command to install PHP 8.4:

```
root@server:~# dnf install php
```

Step 2(F): Check the PHP version by running the following command:

```
root@server:~# php -v
```

```
PHP 8.4.13 (cli) (built: Oct 22 2026 11:01:00) (NTS gcc x86_64)
Copyright (c) The PHP Group
Zend Engine v4.4.13, Copyright (c) Zend Technologies
with Zend OPcache v8.4.13, Copyright (c), by Zend Technologies
```

3. How to upgrade PHP from 7.x to 8.2 in Oracle Linux 8?

Step 3(A): Install EPEL and Remi repos in Oracle Linux 8

```
root@server:~# dnf install -y oracle-epel-release-el8
root@server:~# dnf install -y https://rpms.remirepo.net/enterprise/remi-release-8.rpm
```

Step 3(B): Reset existing PHP module and enable Remi's PHP 8.2

```
root@server:~# dnf module reset php -y
root@server:~# dnf module enable php:remi-8.2 -y
```

Step 3(C): Run the following command to install PHP 8.2:

```
root@server:~# dnf install php
```

Step 2(D): Check the PHP version by running the following command:

```
root@server:~# php -v
```

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Upgrade PHP to 8.1 in Ubuntu

Upgrade PHP in an Ezeelogin installed server

Online URL: https://www.ezeelogin.com/kb/article/upgrade-php-from-7-x-to-8-x-in-rhel8-612.html