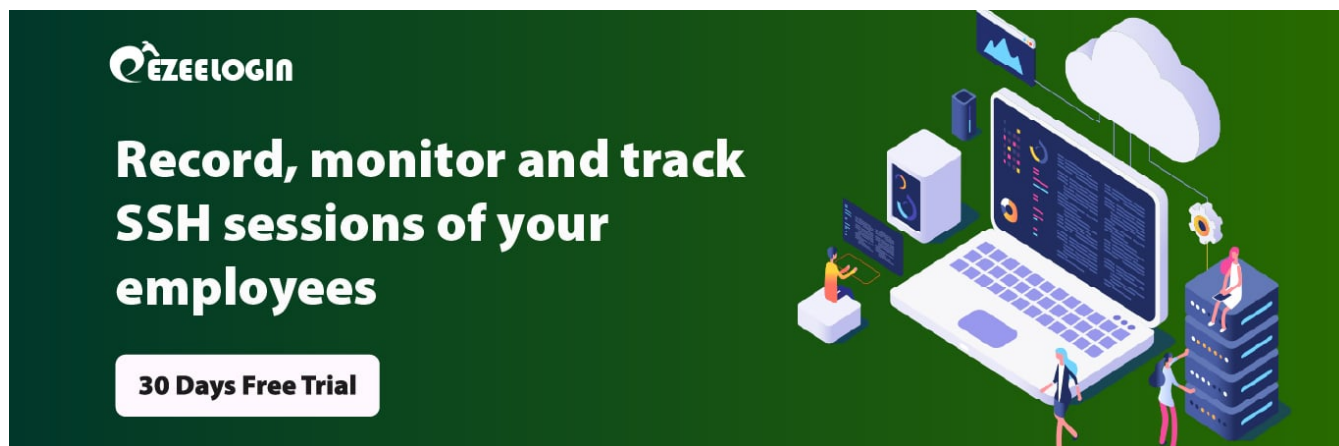


How to upgrade PHP to 8.1 in Debian?

597 Nesvin KN February 26, 2024 [General](#) 8401



Upgrade PHP to 8.1 in the Debian 9, 10, and 11 servers

1. Run the below commands in the Debian server

```
rootdebian:~$ apt install -y lsb-release apt-transport-https ca-certificates wget  
rootdebian:~$ wget -O /etc/apt/trusted.gpg.d/php.gpg https://packages.sury.org/php/apt.gpg  
rootdebian:~$ echo "deb https://packages.sury.org/php/ $(lsb_release -sc) main" | sudo tee  
/etc/apt/sources.list.d/php.list
```

2. Run the below to update outdated packages and install PHP 8.1

```
rootdebian:~$ apt update  
rootdebian:~$ apt install php8.1 -y
```

3. Run the below command to install 8.1 modules

```
rootdebian:~$ apt install php8.1-cli php8.1-xml php8.1-gd php8.1-curl  
php8.1-mysql php8.1-ldap php8.1-zip -y
```

4. Run the below command to confirm PHP 8.1 has been successfully installed in the Debian server

```
rootdebian:~$ php -v
```

5. Add a PHP info page to confirm 8.1 has loaded for the webserver.

```
rootdebian:~$ vim /var/www/html/phpinfo.php

<?php

phpinfo();

?>
```

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