

? Rocky Linux 8 ??

Apache + MariaDB +

PHP

□ Rocky Linux 8 □ Apache + MariaDB + PHP

- [□□□□□](#)
- [□□ Apache □□□](#)
- [□□ PHP 8.1 □](#)
- [□□ MariaDB 10.11 □](#)
- [□□ phpMyAdmin 5.2 □□](#)



2022 年 11 月 11 日
 Rocky Linux 8
 PHP 7.2
 2021 年 1 月
 PHP 8
 7.4
 8.0
 8.1



Rocky Linux 8
 tarball
 phpmyadmin
 RPM
 Repo

?? Apache ???

1 ???????

■■■■■■■■

```
$ sudo yum install httpd mod_ssl
```

■■■■ SSL ■■■■■■■■■■

```
■■■■■■■■■■■■■■■■0:30:31 ■■■■■■■■■■202205031 (■■) 151706■■
```

```
■■■■■■■■■■
```

```
=====
=====
=====
```

```
■■■                ■■                ■■                ■■
                ■■                ■■                ■■
```

```
=====
=====
=====
```

```
■■:
```

```
httpd                x86_64                2.4.37-
47.module+el8.6.0+823+f143cee1.1
```

```
appstream                1.4 M
```

```
mod_ssl                x86_64
```

```
1:2.4.37-47.module+el8.6.0+823+f143cee1.1
```

```
appstream                136 k
```

```
■■■■■■■■■■:
```

```
apr                x86_64                1.6.3-
12.el8
```

```
appstream                128 k
```

```
apr-util                x86_64                1.6.1-
6.el8.1
```

```
appstream                104 k
```

```
httpd-filesystem                noarch                2.4.37-
47.module+el8.6.0+823+f143cee1.1
```

```
appstream                40 k
```

```

  httpd-tools                                x86_64                                2.4.37-
47.module+el8.6.0+823+f143cee1.1
  appstream                                  107 k
  mod_http2                                  x86_64                                  1.15.7-
5.module+el8.6.0+823+f143cee1
  appstream                                  153 k
  rocky-logos-httpd                          noarch                                   85.0-
4.el8
  baseos                                      22 k
  sscg                                        x86_64                                   2.3.3-
14.el8
  appstream                                  48 k
#####:
  apr-util-bdb                               x86_64                                   1.6.1-
6.el8.1
  appstream                                  23 k
  apr-util-openssl                           x86_64                                   1.6.1-
6.el8.1
  appstream                                  26 k
#####:
  httpd                                       2.4

```

#####

=====

=====

11

2.2 M

5.7 M

[y/N]

y

#####

(1/11): apr-util-bdb-1.6.1-6.el8.1.x86_64.rpm

67 kB/s | 23 kB 00:00

(2/11): apr-util-openssl-1.6.1-6.el8.1.x86_64.rpm

207 kB/s | 26 kB 00:00

(3/11): apr-util-1.6.1-6.el8.1.x86_64.rpm

186 kB/s | 104 kB 00:00

(4/11): apr-1.6.3-12.el8.x86_64.rpm

215 kB/s | 128 kB 00:00

(5/11): httpd-filesystem-2.4.37-47.module+el8.6.0+823+f143cee1.1.noarch.rpm

308 kB/s | 40 kB 00:00

(6/11): mod_http2-1.15.7-5.module+el8.6.0+823+f143cee1.x86_64.rpm

709 kB/s | 153 kB 00:00

(7/11): mod_ssl-2.4.37-47.module+el8.6.0+823+f143cee1.1.x86_64.rpm

650 kB/s | 136 kB 00:00

(8/11): sscg-2.3.3-14.el8.x86_64.rpm

443 kB/s | 48 kB 00:00

(9/11): rocky-logos-httpd-85.0-4.el8.noarch.rpm

100 kB/s | 22 kB 00:00

(10/11): httpd-tools-2.4.37-47.module+el8.6.0+823+f143cee1.1.x86_64.rpm

104 kB/s | 107 kB 00:01

(11/11): httpd-2.4.37-47.module+el8.6.0+823+f143cee1.1.x86_64.rpm

819 kB/s | 1.4 MB 00:01

□□

696 kB/s | 2.2

MB 00:03

□□□□□□□□

□□□□□□□□

□□□□□□□□

□□□□□□□□

□□□□□□

□□
:

1/1
□□□□ : apr-1.6.3-
12.el8.x86_64
1/11

□□□□□ : apr-1.6.3-
12.el8.x86_64
1/11

□□□□ : apr-util-bdb-1.6.1-
6.el8.1.x86_64
2/11

□□□□ : apr-util-openssl-1.6.1-
6.el8.1.x86_64
3/11

□□□□ : apr-util-1.6.1-
6.el8.1.x86_64
4/11

□□□□□ : apr-util-1.6.1-
6.el8.1.x86_64
4/11

□□□□□ : httpd-filesystem-2.4.37-
47.module+el8.6.0+823+f143cee1.1.noarch
5/11

□□□□ : httpd-filesystem-2.4.37-
47.module+el8.6.0+823+f143cee1.1.noarch
5/11

□□□□ : httpd-tools-2.4.37-
47.module+el8.6.0+823+f143cee1.1.x86_64
6/11

□□□□ : rocky-logos-httpd-85.0-
4.el8.noarch
7/11

□□□□ : mod_http2-1.15.7-
5.module+el8.6.0+823+f143cee1.x86_64
8/11

□□□□ : httpd-2.4.37-
47.module+el8.6.0+823+f143cee1.1.x86_64
9/11

<p> httpd-2.4.37- 47.module+el8.6.0+823+f143cee1.1.x86_64 </p>	9/11
<p> sscg-2.3.3- 14.el8.x86_64 </p>	10/11
<p> mod_ssl-1:2.4.37- 47.module+el8.6.0+823+f143cee1.1.x86_64 </p>	11/11
<p> httpd-2.4.37- 47.module+el8.6.0+823+f143cee1.1.x86_64 </p>	11/11
<p> mod_ssl-1:2.4.37- 47.module+el8.6.0+823+f143cee1.1.x86_64 </p>	11/11
<p> apr-1.6.3- 12.el8.x86_64 </p>	1/11
<p> apr-util-1.6.1- 6.el8.1.x86_64 </p>	2/11
<p> apr-util-bdb-1.6.1- 6.el8.1.x86_64 </p>	3/11
<p> apr-util-openssl-1.6.1- 6.el8.1.x86_64 </p>	4/11
<p> httpd-2.4.37- 47.module+el8.6.0+823+f143cee1.1.x86_64 </p>	5/11
<p> httpd-filesystem-2.4.37- 47.module+el8.6.0+823+f143cee1.1.noarch </p>	6/11
<p> httpd-tools-2.4.37- 47.module+el8.6.0+823+f143cee1.1.x86_64 </p>	7/11
<p> mod_http2-1.15.7- 5.module+el8.6.0+823+f143cee1.x86_64 </p>	8/11
<p> mod_ssl-1:2.4.37- </p>	

```
47.module+el8.6.0+823+f143cee1.1.x86_64
```

9/11

```
sscg-2.3.3-14.el8.x86_64
```

10/11

```
rocky-logos-httpd-85.0-4.el8.noarch
```

11/11

```
apr-util-1.6.1-6.el8.x86_64
```

```
apr-1.6.3-12.el8.x86_64
```

```
apr-util-1.6.1-6.el8.x86_64
```

```
apr-util-openssl-1.6.1-6.el8.x86_64
```

```
apr-util-bdb-1.6.1-6.el8.x86_64
```

```
47.module+el8.6.0+823+f143cee1.1.x86_64
```

```
httpd-2.4.37-47.module+el8.6.0+823+f143cee1.1.noarch
```

```
47.module+el8.6.0+823+f143cee1.1.noarch
```

```
httpd-filesystem-2.4.37-47.module+el8.6.0+823+f143cee1.1.x86_64
```

```
httpd-tools-2.4.37-47.module+el8.6.0+823+f143cee1.1.x86_64
```

```
mod_http2-1.15.7-5.module+el8.6.0+823+f143cee1.x86_64
```

```
5.module+el8.6.0+823+f143cee1.x86_64
```

```
mod_ssl-1:2.4.37-47.module+el8.6.0+823+f143cee1.1.x86_64
```

```
47.module+el8.6.0+823+f143cee1.1.x86_64
```

```
rocky-logos-httpd-85.0-4.el8.noarch
```

```
sscg-2.3.3-14.el8.x86_64
```

```
sscg
```

2 ??? apache ???

```
sscg apache sscg
```

```
$ sudo systemctl restart httpd
```

```
$ sudo systemctl enable httpd
```

```
Created symlink /etc/systemd/system/multi-user.target.wants/httpd.service →
```

```
/usr/lib/systemd/system/httpd.service.
```

3 ?? apache ??????

```
sscg netstat sscg (sscg 80 443 port sscg )
```

```
$ sudo netstat -tlnp
```

```
Active Internet connections (only servers)
```

Proto	Recv-Q	Send-Q	Local Address	Foreign Address	State	PID/Program
name						
tcp	0	0	0.0.0.0:22	0.0.0.0:*	LISTEN	644/sshd
tcp6	0	0	:::80	:::*	LISTEN	2992/httpd

```
tcp6      0      0 :::22          :::*           LISTEN      644/sshd
tcp6      0      0 :::443        :::*           LISTEN      2992/httpd
```

□□ systemctl □□□□□□□□□□□□

```
$ systemctl status httpd
● httpd.service - The Apache HTTP Server
   Loaded: loaded (/usr/lib/systemd/system/httpd.service; enabled; vendor preset: disabled)
   Active: active (running) since Tue 2022-05-31 15:50:51 CST; 2min 11s ago
     Docs: man:httpd.service(8)
 Main PID: 2992 (httpd)
    Status: "Running, listening on: port 443, port 80"
   Tasks: 213 (limit: 11374)
  Memory: 26.5M
   CGroup: /system.slice/httpd.service
           └─2992 /usr/sbin/httpd -DFOREGROUND
           └─2993 /usr/sbin/httpd -DFOREGROUND
           └─2994 /usr/sbin/httpd -DFOREGROUND
           └─2995 /usr/sbin/httpd -DFOREGROUND
           └─2996 /usr/sbin/httpd -DFOREGROUND

5□ 31 15:50:51 rockylinux.ossii.com.tw systemd[1]: Starting The Apache HTTP Server...
5□ 31 15:50:51 rockylinux.ossii.com.tw systemd[1]: Started The Apache HTTP Server.
5□ 31 15:50:51 rockylinux.ossii.com.tw httpd[2992]: Server configured, listening on: port
443, port 80
```

□□□□□□ apache server □□□□□□□□

13.el8.noarch.rpm

81 kB/s | 23 kB 00:00

██

29 kB/s | 23

kB 00:00

██████████

██████████

██████████

██████████

██████

██

:

1/1

████ : epel-release-8-
13.el8.noarch

1/1

████ : epel-release-8-
13.el8.noarch

1/1

██ : epel-release-8-
13.el8.noarch

1/1

███:

epel-release-8-13.el8.noarch

███

██████ remi ██████

```
$ sudo yum install http://rpms.remirepo.net/enterprise/remi-release-8.rpm
```

██████████████████0:50:52 ███████████████████20220531 (██) 151436██

remi-release-

8.rpm

45 kB/s | 29 kB 00:00

□□□□25 M

□□□□□□□□

□□□□□□□□

□□□□□□□□

□□□□□□□□

□□□□□□

□□

:

1/1

□□□□□ : php-7.2.24-

1.module+el8.4.0+413+c9202dda.x86_64

1/1

□□ : php-7.2.24-

1.module+el8.4.0+413+c9202dda.x86_64

1/5

□□□□□ : php-fpm-7.2.24-

1.module+el8.4.0+413+c9202dda.x86_64

2/5

□□ : php-fpm-7.2.24-

1.module+el8.4.0+413+c9202dda.x86_64

2/5

□□□□□ : php-fpm-7.2.24-

1.module+el8.4.0+413+c9202dda.x86_64

2/5

□□ : php-cli-7.2.24-

1.module+el8.4.0+413+c9202dda.x86_64

3/5

□□ : nginx-filessystem-1:1.14.1-

9.module+el8.4.0+542+81547229.noarch

4/5

□□□□□ : nginx-filessystem-1:1.14.1-

9.module+el8.4.0+542+81547229.noarch

4/5

□□ : php-common-7.2.24-

1.module+el8.4.0+413+c9202dda.x86_64

5/5

□□□□□ : php-common-7.2.24-

1.module+el8.4.0+413+c9202dda.x86_64

5/5

```
nginx-filesystem-1:1.14.1-9.module+el8.4.0+542+81547229.noarch
```

1/5

```
php-7.2.24-1.module+el8.4.0+413+c9202dda.x86_64
```

2/5

```
php-cli-7.2.24-1.module+el8.4.0+413+c9202dda.x86_64
```

3/5

```
php-common-7.2.24-1.module+el8.4.0+413+c9202dda.x86_64
```

4/5

```
php-fpm-7.2.24-1.module+el8.4.0+413+c9202dda.x86_64
```

5/5

```
nginx-filesystem-1:1.14.1-9.module+el8.4.0+542+81547229.noarch
```

php-7.2.24-

```
1.module+el8.4.0+413+c9202dda.x86_64
```

php-cli-7.2.24-

```
1.module+el8.4.0+413+c9202dda.x86_64
```

```
php-common-7.2.24-1.module+el8.4.0+413+c9202dda.x86_64
```

php-fpm-7.2.24-

```
1.module+el8.4.0+413+c9202dda.x86_64
```

```
nginx-filesystem-1:1.14.1-9.module+el8.4.0+542+81547229.noarch
```

3 ?? PHP ???????

```
yum repo
```

```
$ sudo yum update
```

```
0:50:54 20220531 ( ) 151706
```

```
=====
=====
=====
```

```
php-7.2.24-1.module+el8.4.0+413+c9202dda.x86_64
```

```
php-cli-7.2.24-1.module+el8.4.0+413+c9202dda.x86_64
```

```
php-common-7.2.24-1.module+el8.4.0+413+c9202dda.x86_64
```

```
=====
=====
=====
```

```
epel-release
noarch                8-
15.el8
epel                  23 k
```

=====
=====
=====

1

23 k

[y/N] y

y

=====
epel-release-8-
15.el8.noarch.rpm

197 kB/s | 23 kB 00:00

[]

24 kB/s | 23

kB 00:00

Extra Packages for Enterprise Linux 8 -

x86_64

1.6 MB/s | 1.6 kB 00:00

gpg 0x2F86D6A1

"Fedora EPEL (8) <epel@fedoraproject.org>"

94E2 79EB 8D8F 25B2 1810 ADF1 21EA 45AB 2F86 D6A1

/etc/pki/rpm-gpg/RPM-GPG-KEY-EPEL-8

[y/N] y

repo

repo

y

```
#####
```

```
#####
```

```
#####
```

```
#####
```

```
#####
```

```
#####
```

```
  ##
```

```
:
```

```
1/1
```

```
##### : epel-release-8-  
15.el8.noarch
```

```
1/1
```

```
##### : epel-release-8-  
15.el8.noarch
```

```
1/2
```

```
## : epel-release-8-  
13.el8.noarch
```

```
2/2
```

```
##### : epel-release-8-  
13.el8.noarch
```

```
2/2
```

```
## : epel-release-8-  
15.el8.noarch
```

```
1/2
```

```
## : epel-release-8-  
13.el8.noarch
```

```
2/2
```

```
###:
```

```
epel-release-8-15.el8.noarch
```

```
###
```

```
##### PHP repo #####
```

```
$ sudo yum module list php
```

```
#####
```

```
Remi #####
```

```
1:02:16 20220531 ( ) 151706
```

Rocky Linux 8 - AppStream

Name	Stream	Summary	
Profiles			
php	7.2 [d][e]		common
[d], devel, minimal		PHP scripting language	
php	7.3		common
[d], devel, minimal		PHP scripting language	
php	7.4		common
[d], devel, minimal		PHP scripting language	
php	8.0		common
[d], devel, minimal		PHP scripting language	

Remi's Modular repository for Enterprise Linux 8 - x86_64

Name	Stream	Summary	
Profiles			
php	remi-7.2		common
[d], devel, minimal		PHP scripting language	
php	remi-7.3		common
[d], devel, minimal		PHP scripting language	
php	remi-7.4		common
[d], devel, minimal		PHP scripting language	
php	remi-8.0		common
[d], devel, minimal		PHP scripting language	
php	remi-8.1		common
[d], devel, minimal		PHP scripting language	

```
[d][e][x][i]
```

PHP

```
$ sudo yum module reset php -y
```

```
1:10:55 20220531 ( ) 151706
```

```
=====
=====
=====
```

```
=====  
=====  
=====  
root@:~#  
root@:~# yum install php  
root@:~#  
=====  
=====  
=====  
root@:~#
```

root@:~# yum install php:remi-8.1 -y

```
$ sudo yum module enable php:remi-8.1 -y  
root@:~# 1:11:28 root@:~# 2022-05-31 (三) 15:17:06  
root@:~#  
=====  
=====  
=====  
root@:~# yum install php:remi-8.1  
root@:~#  
=====  
=====  
=====  
root@:~#  
root@:~# yum install php:remi-8.1  
root@:~#  
=====  
=====  
=====  
root@:~#
```

root@:~# yum install php:remi-8.1

```

$ sudo yum module list php
1:12:52 20220531 ( ) 151706
Rocky Linux 8 - AppStream
Name                               Stream
Profiles                            Summary
php                                 7.2 [d]                               common
[d], devel, minimal                PHP scripting language
php                                 7.3                                 common
[d], devel, minimal                PHP scripting language
php                                 7.4                                 common
[d], devel, minimal                PHP scripting language
php                                 8.0                                 common
[d], devel, minimal                PHP scripting language

Remi's Modular repository for Enterprise Linux 8 - x86_64
Name                               Stream
Profiles                            Summary
php                                 remi-7.2                             common
[d], devel, minimal                PHP scripting language
php                                 remi-7.3                             common
[d], devel, minimal                PHP scripting language
php                                 remi-7.4                             common
[d], devel, minimal                PHP scripting language
php                                 remi-8.0                             common
[d], devel, minimal                PHP scripting language
php                                 remi-8.1 [e]                          common
[d], devel, minimal                PHP scripting language

[d][e][x][i]

```

8.1 `yum` `install` `php`

4 ?? PHP ??

`yum`

```

$ sudo yum install php-cli php-fpm php-curl php-mysqlnd php-gd php-opcache php-zip php-intl
php-common php-bcmath php-imap php-imagick php-xmlrpc php-json php-readline php-memcached php-
redis php-mbstring php-apcu php-xml php-dom php-redis php-memcached php-memcache php-process
php-sodium php-bcmath php-gmp -y

```

5 ???? apahce ???

□□□□□□□□ apache server □□□□□□□□

```
$ sudo systemctl restart httpd
```

?? MariaDB 10.11 ?

1 MariaDB 10.11 ?????

10.11 LTS(Long Term Support) 2028 2
Rocky Linux 8 10.3 MariaDB 10.11

10.11 (LTS)	1 year and 8 months ago (16 Feb 2023)	Ends in 3 years and 4 months (16 Feb 2028)	10.11.9 (08 Aug 2024)
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2 ?? MariaDB ???????

MariaDB repo

```
$ sudo yum module list mariadb
```

```
0:07:54 20241017 ( ) 145933
Rocky Linux 8 - AppStream
Name                Stream                Profiles
Summary
mariadb             10.3 [d]              client, galera, server [d]
MariaDB Module
mariadb             10.5                  client, galera, server [d]
MariaDB Module
mariadb             10.11                 client, galera, server [d]
MariaDB Module
[d][e][x][i]
```

MariaDB

```
$ sudo yum module reset mariadb -y
0:22:23 20241017 ( ) 145933

```


422.el8		baseos	75 k
perl-Exporter	noarch	5.72-	
396.el8		baseos	33 k
perl-File-Path	noarch	2.15-	
2.el8		baseos	37 k
perl-File-Temp	noarch	0.230.600-	
1.el8		baseos	62 k
perl-Getopt-Long	noarch	1:2.50-	
4.el8		baseos	62 k
perl-HTTP-Tiny	noarch	0.074-	
3.el8		baseos	58 k
perl-I0	x86_64	1.38-	
422.el8		baseos	141 k
perl-I0-Socket-IP	noarch	0.39-	
5.el8		appstream	46 k
perl-I0-Socket-SSL	noarch	2.066-	
4.module+el8.9.0+1517+e71a7a62		appstream	297 k
perl-MIME-Base64	x86_64	3.15-	
396.el8		baseos	30 k
perl-Math-BigInt	noarch	1:1.9998.11-	
7.el8		baseos	194 k
perl-Math-Complex	noarch	1.59-	
422.el8		baseos	108 k
perl-Mozilla-CA	noarch	20160104-	
7.module+el8.9.0+1521+0101edce		appstream	14 k
perl-Net-SSLeay	x86_64	1.88-	
2.module+el8.9.0+1517+e71a7a62		appstream	378 k
perl-PathTools	x86_64	3.74-	
1.el8		baseos	89 k
perl-Pod-Escapes	noarch	1:1.07-	
395.el8		baseos	19 k
perl-Pod-Perldoc	noarch	3.28-	
396.el8		baseos	85 k
perl-Pod-Simple	noarch	1:3.35-	
395.el8		baseos	212 k
perl-Pod-Usage	noarch	4:1.69-	
395.el8		baseos	33 k
perl-Scalar-List-Utills	x86_64	3:1.49-	
2.el8		baseos	67 k
perl-Socket	x86_64	4:2.027-	

3.el8		baseos	58 k
perl-Storable	x86_64	1:3.11-	
3.el8		baseos	97 k
perl-Term-ANSIColor	noarch	4.06-	
396.el8		baseos	45 k
perl-Term-Cap	noarch	1.17-	
395.el8		baseos	22 k
perl-Text-ParseWords	noarch	3.30-	
395.el8		baseos	17 k
perl-Text-Tabs+Wrap	noarch	2013.0523-	
395.el8		baseos	23 k
perl-Time-Local	noarch	1:1.280-	
1.el8		baseos	32 k
perl-URI	noarch	1.73-	
3.el8		appstream	115 k
perl-Unicode-Normalize	x86_64	1.25-	
396.el8		baseos	81 k
perl-constant	noarch	1.33-	
396.el8		baseos	24 k
perl-interpreter	x86_64	4:5.26.3-	
422.el8		baseos	6.3 M
perl-libnet	noarch	3.11-	
3.el8		appstream	120 k
perl-libs	x86_64	4:5.26.3-	
422.el8		baseos	1.6 M
perl-macros	x86_64	4:5.26.3-	
422.el8		baseos	71 k
perl-parent	noarch	1:0.237-	
1.el8		baseos	19 k
perl-podlators	noarch	4.11-	
1.el8		baseos	117 k
perl-threads	x86_64	1:2.21-	
2.el8		baseos	60 k
perl-threads-shared	x86_64	1.58-	
2.el8		baseos	47 k
□□□□□□□□:			
mariadb-backup	x86_64	3:10.11.6-	
1.module+el8.10.0+1674+fa55eae9		appstream	7.3 M
mariadb-gssapi-server	x86_64	3:10.11.6-	
1.module+el8.10.0+1674+fa55eae9		appstream	56 k

```
mariadb-server-utils          x86_64          3:10.11.6-
1.module+el8.10.0+1674+fa55eae9  appstream      1.4 M
```

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□□□□□□□□:
```

```
perl                          5.26
perl-DBD-MySQL                 4.046
perl-DBI                       1.641
perl-I0-Socket-SSL            2.066
perl-libwww-perl              6.34
```

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□□□□□□
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□□ 55 □□□
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□□□□□□50 M
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□□□□□□243 M
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□□□□□□
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```
(1/55): mariadb-common-10.11.6-1.module+el8.10.0+1674+fa55eae9.x86_64.rpm      188 kB/s
| 68 kB    00:00
(2/55): mariadb-connector-c-3.1.11-2.el8_3.x86_64.rpm                          854 kB/s
| 199 kB   00:00
(3/55): mariadb-connector-c-config-3.1.11-2.el8_3.noarch.rpm                   56 kB/s
| 14 kB    00:00
(4/55): mariadb-errmsg-10.11.6-1.module+el8.10.0+1674+fa55eae9.x86_64.rpm      793 kB/s
| 339 kB   00:00
(5/55): mariadb-10.11.6-1.module+el8.10.0+1674+fa55eae9.x86_64.rpm            4.3 MB/s
| 7.3 MB   00:01
(6/55): mariadb-gssapi-server-10.11.6-1.module+el8.10.0+1674+fa55eae9.x86_64.rpm 127 kB/s
| 56 kB    00:00
(7/55): mariadb-backup-10.11.6-1.module+el8.10.0+1674+fa55eae9.x86_64.rpm      3.7 MB/s
| 7.3 MB   00:01
(8/55): mysql-selinux-1.0.10-1.el8.noarch.rpm                                    374 kB/s
| 37 kB    00:00
(9/55): perl-DBD-MySQL-4.046-3.module+el8.9.0+1501+450eec3b.x86_64.rpm          1.4 MB/s
| 155 kB   00:00
(10/55): perl-DBI-1.641-4.module+el8.9.0+1495+f278a004.x86_64.rpm              2.1 MB/s
| 739 kB   00:00
(11/55): perl-Digest-1.17-395.el8.noarch.rpm                                     318 kB/s
| 26 kB    00:00
(12/55): mariadb-server-utils-10.11.6-1.module+el8.10.0+1674+fa55eae9.x86_64.rpm 1.5 MB/s
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1.4 MB	00:00	
(13/55): perl-Digest-MD5-2.55-396.el8.x86_64.rpm		395 kB/s
36 kB	00:00	
(14/55): perl-IO-Socket-IP-0.39-5.el8.noarch.rpm		446 kB/s
46 kB	00:00	
(15/55): perl-IO-Socket-SSL-2.066-4.module+el8.9.0+1517+e71a7a62.noarch.rpm		2.2 MB/s
297 kB	00:00	
(16/55): perl-Mozilla-CA-20160104-7.module+el8.9.0+1521+0101edce.noarch.rpm		143 kB/s
14 kB	00:00	
(17/55): perl-Net-SSLeay-1.88-2.module+el8.9.0+1517+e71a7a62.x86_64.rpm		2.7 MB/s
378 kB	00:00	
(18/55): perl-URI-1.73-3.el8.noarch.rpm		927 kB/s
115 kB	00:00	
(19/55): perl-libnet-3.11-3.el8.noarch.rpm		1.2 MB/s
120 kB	00:00	
(20/55): perl-Carp-1.42-396.el8.noarch.rpm		16 kB/s
29 kB	00:01	
(21/55): mariadb-server-10.11.6-1.module+el8.10.0+1674+fa55eae9.x86_64.rpm		6.1 MB/s
20 MB	00:03	
(22/55): perl-Data-Dumper-2.167-399.el8.x86_64.rpm		28 kB/s
57 kB	00:02	
(23/55): perl-Exporter-5.72-396.el8.noarch.rpm		34 kB/s
33 kB	00:00	
(24/55): perl-Errno-1.28-422.el8.x86_64.rpm		71 kB/s
75 kB	00:01	
(25/55): perl-Encode-2.97-3.el8.x86_64.rpm		1.0 MB/s
1.5 MB	00:01	
(26/55): perl-File-Temp-0.230.600-1.el8.noarch.rpm		108 kB/s
62 kB	00:00	
(27/55): perl-Getopt-Long-2.50-4.el8.noarch.rpm		118 kB/s
62 kB	00:00	
(28/55): perl-File-Path-2.15-2.el8.noarch.rpm		43 kB/s
37 kB	00:00	
(29/55): perl-IO-1.38-422.el8.x86_64.rpm		237 kB/s
141 kB	00:00	
(30/55): perl-MIME-Base64-3.15-396.el8.x86_64.rpm		62 kB/s
30 kB	00:00	
(31/55): perl-HTTP-Tiny-0.074-3.el8.noarch.rpm		59 kB/s
58 kB	00:00	
(32/55): perl-Math-Complex-1.59-422.el8.noarch.rpm		212 kB/s

108 kB	00:00	
(33/55): perl-Pod-Escapes-1.07-395.el8.noarch.rpm		44 kB/s
19 kB	00:00	
(34/55): perl-PathTools-3.74-1.el8.x86_64.rpm		101 kB/s
89 kB	00:00	
(35/55): perl-Math-BigInt-1.9998.11-7.el8.noarch.rpm		130 kB/s
194 kB	00:01	
(36/55): perl-Pod-Perldoc-3.28-396.el8.noarch.rpm		131 kB/s
85 kB	00:00	
(37/55): perl-Pod-Simple-3.35-395.el8.noarch.rpm		339 kB/s
212 kB	00:00	
(38/55): perl-Pod-Usage-1.69-395.el8.noarch.rpm		60 kB/s
33 kB	00:00	
(39/55): perl-Socket-2.027-3.el8.x86_64.rpm		85 kB/s
58 kB	00:00	
(40/55): perl-Storable-3.11-3.el8.x86_64.rpm		171 kB/s
97 kB	00:00	
(41/55): perl-Scalar-List-Utils-1.49-2.el8.x86_64.rpm		53 kB/s
67 kB	00:01	
(42/55): perl-Term-ANSIColor-4.06-396.el8.noarch.rpm		80 kB/s
45 kB	00:00	
(43/55): perl-Term-Cap-1.17-395.el8.noarch.rpm		40 kB/s
22 kB	00:00	
(44/55): perl-Text-ParseWords-3.30-395.el8.noarch.rpm		36 kB/s
17 kB	00:00	
(45/55): perl-Text-Tabs+Wrap-2013.0523-395.el8.noarch.rpm		49 kB/s
23 kB	00:00	
(46/55): perl-Time-Local-1.280-1.el8.noarch.rpm		64 kB/s
32 kB	00:00	
(47/55): perl-Unicode-Normalize-1.25-396.el8.x86_64.rpm		193 kB/s
81 kB	00:00	
(48/55): perl-constant-1.33-396.el8.noarch.rpm		58 kB/s
24 kB	00:00	
(49/55): perl-macros-5.26.3-422.el8.x86_64.rpm		121 kB/s
71 kB	00:00	
(50/55): perl-libs-5.26.3-422.el8.x86_64.rpm		1.1 MB/s
1.6 MB	00:01	
(51/55): perl-interpreter-5.26.3-422.el8.x86_64.rpm		3.6 MB/s
6.3 MB	00:01	
(52/55): perl-parent-0.237-1.el8.noarch.rpm		21 kB/s

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| 19 kB      00:00
(53/55): perl-podlators-4.11-1.el8.noarch.rpm          173 kB/s
| 117 kB     00:00
(54/55): perl-threads-shared-1.58-2.el8.x86_64.rpm    83 kB/s
| 47 kB      00:00
(55/55): perl-threads-2.21-2.el8.x86_64.rpm          70 kB/s
| 60 kB      00:00
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███ 3.4 MB/s

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| 50 MB      00:14
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██████ : mariadb-connector-c-config-3.1.11-
```

```
2.el8_3.noarch
```

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1/55
```

```
██████ : mariadb-common-3:10.11.6-
```

```
1.module+el8.10.0+1674+fa55eae9.x86_64
```

```
2/55
```

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██████ : mariadb-errmsg-3:10.11.6-
```

```
1.module+el8.10.0+1674+fa55eae9.x86_64
```

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3/55
```

```
██████ : perl-Digest-1.17-
```

```
395.el8.noarch
```

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4/55
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██████ : perl-Digest-MD5-2.55-
```

```
396.el8.x86_64
```

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5/55
```

```
██████ : perl-Data-Dumper-2.167-
```

```
399.el8.x86_64
```

```
6/55
```

```
██████ : perl-libnet-3.11-
```

```
3.el8.noarch
```

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7/55
```

```
██████ : perl-URI-1.73-
```

```
3.el8.noarch
```

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8/55
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██████ : perl-Pod-Escapes-1:1.07-
```

```
395.el8.noarch
```

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9/55
```

```
██████ : perl-Net-SSLeay-1.88-
```

```
2.module+el8.9.0+1517+e71a7a62.x86_64
```

```
10/55
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██████ : perl-Mozilla-CA-20160104-
```

7.module+el8.9.0+1521+0101edce.noarch	11/55
□□□□ : perl-I0-Socket-IP-0.39-	
5.el8.noarch	12/55
□□□□ : perl-Time-Local-1:1.280-	
1.el8.noarch	13/55
□□□□ : perl-I0-Socket-SSL-2.066-	
4.module+el8.9.0+1517+e71a7a62.noarch	14/55
□□□□ : perl-Term-ANSIColor-4.06-	
396.el8.noarch	15/55
□□□□ : perl-Term-Cap-1.17-	
395.el8.noarch	16/55
□□□□ : perl-File-Temp-0.230.600-	
1.el8.noarch	17/55
□□□□ : perl-Pod-Simple-1:3.35-	
395.el8.noarch	18/55
□□□□ : perl-HTTP-Tiny-0.074-	
3.el8.noarch	19/55
□□□□ : perl-podlators-4.11-	
1.el8.noarch	20/55
□□□□ : perl-Pod-Perldoc-3.28-	
396.el8.noarch	21/55
□□□□ : perl-Text-ParseWords-3.30-	
395.el8.noarch	22/55
□□□□ : perl-Pod-Usage-4:1.69-	
395.el8.noarch	23/55
□□□□ : perl-MIME-Base64-3.15-	
396.el8.x86_64	24/55
□□□□ : perl-Storable-1:3.11-	
3.el8.x86_64	25/55
□□□□ : perl-Getopt-Long-1:2.50-	
4.el8.noarch	26/55
□□□□ : perl-Errno-1.28-	
422.el8.x86_64	27/55
□□□□ : perl-Socket-4:2.027-	
3.el8.x86_64	28/55
□□□□ : perl-Encode-4:2.97-	
3.el8.x86_64	29/55
□□□□ : perl-Carp-1.42-	
396.el8.noarch	30/55
□□□□ : perl-Exporter-5.72-	

396.el8.noarch	31/55
perl-libs-4:5.26.3-	
422.el8.x86_64	32/55
perl-Scalar-List-Utills-3:1.49-	
2.el8.x86_64	33/55
perl-parent-1:0.237-	
1.el8.noarch	34/55
perl-macros-4:5.26.3-	
422.el8.x86_64	35/55
perl-Text-Tabs+Wrap-2013.0523-	
395.el8.noarch	36/55
perl-Unicode-Normalize-1.25-	
396.el8.x86_64	37/55
perl-File-Path-2.15-	
2.el8.noarch	38/55
perl-IO-1.38-	
422.el8.x86_64	39/55
perl-PathTools-3.74-	
1.el8.x86_64	40/55
perl-constant-1.33-	
396.el8.noarch	41/55
perl-threads-1:2.21-	
2.el8.x86_64	42/55
perl-threads-shared-1.58-	
2.el8.x86_64	43/55
perl-interpreter-4:5.26.3-	
422.el8.x86_64	44/55
perl-Math-Complex-1.59-	
422.el8.noarch	45/55
perl-Math-BigInt-1:1.9998.11-	
7.el8.noarch	46/55
perl-DBI-1.641-	
4.module+el8.9.0+1495+f278a004.x86_64	47/55
mysql-selinux-1.0.10-	
1.el8.noarch	48/55
mysql-selinux-1.0.10-	
1.el8.noarch	48/55
mysql-selinux-1.0.10-	
1.el8.noarch	48/55
libsemanage.semanage_direct_install_info: Overriding mysql module at lower priority 100 with	

module at priority 200.

perl-DBD-MySQL-4.046-3.module+el8.9.0+1501+450eec3b.x86_64	49/55
mariadb-connector-c-3.1.11-2.el8_3.x86_64	50/55
mariadb-backup-3:10.11.6-1.module+el8.10.0+1674+fa55eae9.x86_64	51/55
mariadb-gssapi-server-3:10.11.6-1.module+el8.10.0+1674+fa55eae9.x86_64	52/55
mariadb-server-utils-3:10.11.6-1.module+el8.10.0+1674+fa55eae9.x86_64	53/55
mariadb-server-3:10.11.6-1.module+el8.10.0+1674+fa55eae9.x86_64	54/55
mariadb-server-3:10.11.6-1.module+el8.10.0+1674+fa55eae9.x86_64	54/55
mariadb-server-3:10.11.6-1.module+el8.10.0+1674+fa55eae9.x86_64	54/55
mariadb-3:10.11.6-1.module+el8.10.0+1674+fa55eae9.x86_64	55/55
mysql-selinux-1.0.10-1.el8.noarch	55/55
mariadb-3:10.11.6-1.module+el8.10.0+1674+fa55eae9.x86_64	55/55
mariadb-3:10.11.6-1.module+el8.10.0+1674+fa55eae9.x86_64	1/55
mariadb-backup-3:10.11.6-1.module+el8.10.0+1674+fa55eae9.x86_64	2/55
mariadb-common-3:10.11.6-1.module+el8.10.0+1674+fa55eae9.x86_64	3/55
mariadb-connector-c-3.1.11-2.el8_3.x86_64	4/55
mariadb-connector-c-config-3.1.11-2.el8_3.noarch	5/55
mariadb-errmsg-3:10.11.6-1.module+el8.10.0+1674+fa55eae9.x86_64	6/55
mariadb-gssapi-server-3:10.11.6-1.module+el8.10.0+1674+fa55eae9.x86_64	7/55
mariadb-server-3:10.11.6-1.module+el8.10.0+1674+fa55eae9.x86_64	8/55

<pre> [] [] : mariadb-server-utils-3:10.11.6- 1.module+el8.10.0+1674+fa55eae9.x86_64 [] [] : mysql-selinux-1.0.10- 1.el8.noarch [] [] : perl-DBD-MySQL-4.046- 3.module+el8.9.0+1501+450eec3b.x86_64 [] [] : perl-DBI-1.641- 4.module+el8.9.0+1495+f278a004.x86_64 [] [] : perl-Digest-1.17- 395.el8.noarch [] [] : perl-Digest-MD5-2.55- 396.el8.x86_64 [] [] : perl-I0-Socket-IP-0.39- 5.el8.noarch [] [] : perl-I0-Socket-SSL-2.066- 4.module+el8.9.0+1517+e71a7a62.noarch [] [] : perl-Mozilla-CA-20160104- 7.module+el8.9.0+1521+0101edce.noarch [] [] : perl-Net-SSLeay-1.88- 2.module+el8.9.0+1517+e71a7a62.x86_64 [] [] : perl-URI-1.73- 3.el8.noarch [] [] : perl-libnet-3.11- 3.el8.noarch [] [] : perl-Carp-1.42- 396.el8.noarch [] [] : perl-Data-Dumper-2.167- 399.el8.x86_64 [] [] : perl-Encode-4:2.97- 3.el8.x86_64 [] [] : perl-Errno-1.28- 422.el8.x86_64 [] [] : perl-Exporter-5.72- 396.el8.noarch [] [] : perl-File-Path-2.15- 2.el8.noarch [] [] : perl-File-Temp-0.230.600- 1.el8.noarch [] [] : perl-Getopt-Long-1:2.50- 4.el8.noarch </pre>	<pre> 9/55 10/55 11/55 12/55 13/55 14/55 15/55 16/55 17/55 18/55 19/55 20/55 21/55 22/55 23/55 24/55 25/55 26/55 27/55 28/55 </pre>
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☐☐ : perl-HTTP-Tiny-0.074- 3.el8.noarch	29/55
☐☐ : perl-IO-1.38- 422.el8.x86_64	30/55
☐☐ : perl-MIME-Base64-3.15- 396.el8.x86_64	31/55
☐☐ : perl-Math-BigInt-1:1.9998.11- 7.el8.noarch	32/55
☐☐ : perl-Math-Complex-1.59- 422.el8.noarch	33/55
☐☐ : perl-PathTools-3.74- 1.el8.x86_64	34/55
☐☐ : perl-Pod-Escapes-1:1.07- 395.el8.noarch	35/55
☐☐ : perl-Pod-Perldoc-3.28- 396.el8.noarch	36/55
☐☐ : perl-Pod-Simple-1:3.35- 395.el8.noarch	37/55
☐☐ : perl-Pod-Usage-4:1.69- 395.el8.noarch	38/55
☐☐ : perl-Scalar-List-Utills-3:1.49- 2.el8.x86_64	39/55
☐☐ : perl-Socket-4:2.027- 3.el8.x86_64	40/55
☐☐ : perl-Storable-1:3.11- 3.el8.x86_64	41/55
☐☐ : perl-Term-ANSIColor-4.06- 396.el8.noarch	42/55
☐☐ : perl-Term-Cap-1.17- 395.el8.noarch	43/55
☐☐ : perl-Text-ParseWords-3.30- 395.el8.noarch	44/55
☐☐ : perl-Text-Tabs+Wrap-2013.0523- 395.el8.noarch	45/55
☐☐ : perl-Time-Local-1:1.280- 1.el8.noarch	46/55
☐☐ : perl-Unicode-Normalize-1.25- 396.el8.x86_64	47/55
☐☐ : perl-constant-1.33- 396.el8.noarch	48/55

perl-interpreter-4:5.26.3-422.el8.x86_64	49/55
perl-libs-4:5.26.3-422.el8.x86_64	50/55
perl-macros-4:5.26.3-422.el8.x86_64	51/55
perl-parent-1:0.237-1.el8.noarch	52/55
perl-podlators-4.11-1.el8.noarch	53/55
perl-threads-1:2.21-2.el8.x86_64	54/55
perl-threads-shared-1.58-2.el8.x86_64	55/55

perl:

mariadb-3:10.11.6-1.module+el8.10.0+1674+fa55eae9.x86_64
 mariadb-backup-3:10.11.6-1.module+el8.10.0+1674+fa55eae9.x86_64
 mariadb-common-3:10.11.6-1.module+el8.10.0+1674+fa55eae9.x86_64
 mariadb-connector-c-3.1.11-2.el8_3.x86_64
 mariadb-connector-c-config-3.1.11-2.el8_3.noarch
 mariadb-errmsg-3:10.11.6-1.module+el8.10.0+1674+fa55eae9.x86_64
 mariadb-gssapi-server-3:10.11.6-1.module+el8.10.0+1674+fa55eae9.x86_64
 mariadb-server-3:10.11.6-1.module+el8.10.0+1674+fa55eae9.x86_64
 mariadb-server-utils-3:10.11.6-1.module+el8.10.0+1674+fa55eae9.x86_64
 mysql-selinux-1.0.10-1.el8.noarch
 perl-Carp-1.42-396.el8.noarch
 perl-DBD-MySQL-4.046-3.module+el8.9.0+1501+450eec3b.x86_64
 perl-DBI-1.641-4.module+el8.9.0+1495+f278a004.x86_64
 perl-Data-Dumper-2.167-399.el8.x86_64
 perl-Digest-1.17-395.el8.noarch
 perl-Digest-MD5-2.55-396.el8.x86_64
 perl-Encode-4:2.97-3.el8.x86_64
 perl-Errno-1.28-422.el8.x86_64
 perl-Exporter-5.72-396.el8.noarch
 perl-File-Path-2.15-2.el8.noarch
 perl-File-Temp-0.230.600-1.el8.noarch
 perl-Getopt-Long-1:2.50-4.el8.noarch
 perl-HTTP-Tiny-0.074-3.el8.noarch
 perl-IO-1.38-422.el8.x86_64

perl-IO-Socket-IP-0.39-5.el8.noarch
perl-IO-Socket-SSL-2.066-4.module+el8.9.0+1517+e71a7a62.noarch
perl-MIME-Base64-3.15-396.el8.x86_64
perl-Math-BigInt-1:1.9998.11-7.el8.noarch
perl-Math-Complex-1.59-422.el8.noarch
perl-Mozilla-CA-20160104-7.module+el8.9.0+1521+0101edce.noarch
perl-Net-SSLeay-1.88-2.module+el8.9.0+1517+e71a7a62.x86_64
perl-PathTools-3.74-1.el8.x86_64
perl-Pod-Escapes-1:1.07-395.el8.noarch
perl-Pod-Perldoc-3.28-396.el8.noarch
perl-Pod-Simple-1:3.35-395.el8.noarch
perl-Pod-Usage-4:1.69-395.el8.noarch
perl-Scalar-List-Utills-3:1.49-2.el8.x86_64
perl-Socket-4:2.027-3.el8.x86_64
perl-Storable-1:3.11-3.el8.x86_64
perl-Term-ANSIColor-4.06-396.el8.noarch
perl-Term-Cap-1.17-395.el8.noarch
perl-Text-ParseWords-3.30-395.el8.noarch
perl-Text-Tabs+Wrap-2013.0523-395.el8.noarch
perl-Time-Local-1:1.280-1.el8.noarch
perl-URI-1.73-3.el8.noarch
perl-Unicode-Normalize-1.25-396.el8.x86_64
perl-constant-1.33-396.el8.noarch
perl-interpreter-4:5.26.3-422.el8.x86_64
perl-libnet-3.11-3.el8.noarch
perl-libs-4:5.26.3-422.el8.x86_64
perl-macros-4:5.26.3-422.el8.x86_64
perl-parent-1:0.237-1.el8.noarch
perl-podlators-4.11-1.el8.noarch
perl-threads-1:2.21-2.el8.x86_64
perl-threads-shared-1.58-2.el8.x86_64

□□□

□□□□

4 ?? MariaDB ??????

□□□□□□□□

By default, a MariaDB installation has an anonymous user, allowing anyone to log into MariaDB without having to have a user account created for them. This is intended only for testing, and to make the installation go a bit smoother. You should remove them before moving into a production environment.

Remove anonymous users? [Y/n]
... Success!

root root Y

Normally, root should only be allowed to connect from 'localhost'. This ensures that someone cannot guess at the root password from the network.

Disallow root login remotely? [Y/n]
... Success!

Y

By default, MariaDB comes with a database named 'test' that anyone can access. This is also intended only for testing, and should be removed before moving into a production environment.

Remove test database and access to it? [Y/n]
- Dropping test database...
... Success!
- Removing privileges on test database...
... Success!

Reload Y

Reloading the privilege tables will ensure that all changes made so far will take effect immediately.

Reload privilege tables now? [Y/n] Y
... Success!

Cleaning up...

All done! If you've completed all of the above steps, your MariaDB

installation should now be secure.

Thanks for using MariaDB!

❏ MariaDB ❏❏❏❏❏❏

6 ?? MariaDB ??????(UTF8mb4)

❏ /etc/my.conf.d/ ❏❏❏❏❏❏❏❏❏❏❏❏❏❏❏❏

```
sudo vim /etc/my.cnf.d/default-character.cnf
```

❏❏❏❏

```
“ [client]
  default-character-set = utf8mb4

[mysqld]
  character-set-server = utf8mb4
  collation-server = utf8mb4_unicode_ci
```

7 ????? MariaDB ??

```
$ sudo systemctl restart mariadb
```

8 ?? MariaDB ?????

❏ netstat ❏❏❏❏❏❏❏❏ (❏❏❏ 3306 port ❏❏❏)❏

```
$ sudo netstat -tlnp
Active Internet connections (only servers)
Proto Recv-Q Send-Q Local Address           Foreign Address         State       PID/Program
name
tcp        0      0 0.0.0.0:3306             0.0.0.0:*               LISTEN     12169/mysqld
tcp        0      0 0.0.0.0:22              0.0.0.0:*               LISTEN     608/sshd
tcp6       0      0 :::3306                 :::*                   LISTEN     12169/mysqld
tcp6       0      0 :::80                   :::*                   LISTEN     6998/httpd
tcp6       0      0 :::22                   :::*                   LISTEN     608/sshd
```

❏ systemctl ❏❏❏❏❏❏❏❏❏❏❏❏❏❏❏❏

```
$ sudo systemctl status mariadb
● mariadb.service - MariaDB 10.11 database server
   Loaded: loaded (/usr/lib/systemd/system/mariadb.service; enabled; vendor preset: disabled)
   Active: active (running) since Thu 2024-10-17 15:53:01 CST; 9s ago
     Docs: man:mysql(8)
           https://mariadb.com/kb/en/library/systemd/
   Process: 12181 ExecStartPost=/usr/libexec/mysql-check-upgrade (code=exited,
status=0/SUCCESS)
   Process: 12131 ExecStartPre=/usr/libexec/mysql-prepare-db-dir mariadb.service (code=exited,
status=0/SUCCESS)
   Process: 12105 ExecStartPre=/usr/libexec/mysql-check-socket (code=exited, status=0/SUCCESS)
 Main PID: 12169 (mysqld)
    Status: "Taking your SQL requests now..."
     Tasks: 12 (limit: 11167)
  Memory: 176.7M
   CGroup: /system.slice/mariadb.service
           └─12169 /usr/libexec/mysqld --basedir=/usr

10 17 15:53:00 ossiidemo.ossii.com.tw systemd[1]: mariadb.service: Succeeded.
10 17 15:53:00 ossiidemo.ossii.com.tw systemd[1]: Stopped MariaDB 10.11 database server.
10 17 15:53:00 ossiidemo.ossii.com.tw systemd[1]: Starting MariaDB 10.11 database server...
10 17 15:53:01 ossiidemo.ossii.com.tw mysql-prepare-db-dir[12131]: Database MariaDB is
probably initialized in /var>
10 17 15:53:01 ossiidemo.ossii.com.tw mysql-prepare-db-dir[12131]: If this is not the case,
make sure the /var/lib/>
10 17 15:53:01 ossiidemo.ossii.com.tw systemd[1]: Started MariaDB 10.11 database server.
lines 1-21/21 (END)
```



```
$cfg['blowfish_secret'] = '000000 32 0000000000';  
$cfg['TempDir'] = '/var/lib/phpmyadmin/tmp';
```

```
[[[ dnf [0000000000
```

```
$cfg['blowfish_secret'] = '000000 32 0000000000';  
$cfg['TempDir'] = '/var/lib/phpMyAdmin/temp';
```

```
[[[
```

8 ?? apache ???

```
[[ vim [[ apache [[ phpMyAdmin [[ ([[ dnf [0000000000 ][[
```

```
$ sudo vim /etc/httpd/conf.d/phpMyAdmin.conf
```

```
[[ ([[ ][[
```

```
# Apache configuration for phpMyAdmin  
Alias /phpMyAdmin /usr/share/phpMyAdmin/  
Alias /phpmyadmin /usr/share/phpMyAdmin/  
  
<Directory /usr/share/phpMyAdmin/>  
  AddDefaultCharset UTF-8  
  <IfModule mod_authz_core.c>  
    # Apache 2.4  
    Require all granted  
  </IfModule>  
</Directory>  
<Directory /usr/share/phpMyAdmin/libraries/>  
  Require all denied  
</Directory>  
<Directory /usr/share/phpMyAdmin/templates/>  
  Require all denied  
</Directory>  
<Directory /usr/share/phpMyAdmin/setup/lib/>  
  Require all denied  
</Directory>  
<Directory /usr/share/phpMyAdmin/setup/frames/>  
  Require all denied  
</Directory>
```




11 ????

phpMyAdmin [redacted] IP
[redacted] apache [redacted]

```
sudo vim /etc/httpd/conf.d/phpmyadmin.conf
```

[redacted] IP [redacted]

```
<< <IfModule mod_authz_core.c>
# Apache 2.4
Require ip 10.0.0.5 192.168.0.0/24
</IfModule>
```

[redacted] apache [redacted]

```
$ sudo systemctl restart httpd
```

[redacted] IP [redacted]

Forbidden

You don't have permission to access this resource.