

📦 MariaDB 10.11 📦

1 MariaDB 10.11 📦📦

📦 MariaDB 📦📦📦📦📦
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10.11 📦 LTS(Long Term Support) 📦📦📦
Rocky Linux 8 📦📦📦
10 .3 📦📦📦
MariaDB 10.11

2028 📦 2
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)

2 📦 MariaDB 📦📦📦

📦📦📦 MariaDB 📦 repo 📦📦📦📦📦📦

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

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📦📦📦📦📦 0:07:54 📦📦📦📦📦 2024 📦 10 📦 17 📦 (📦📦) 14 📦 59 📦 33 📦
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 📦📦📦📦📦 2024 📦 10 📦 17 📦 (📦📦 ) 14 📦 59 📦 33 📦  
  
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```

📦📦📦📦 MariaDB 📦📦 10.11 📦📦📦📦📦📦

```
$ sudo yum module enable mariadb:10.11 -y
[REDACTED] 0:24:31 [REDACTED] 2024 10 17 ( ) 14 59 33
[REDACTED]
=====
=====
[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]
=====
=====
[REDACTED] :
mariadb 10.11

[REDACTED]
=====
=====

[REDACTED]
```

[REDACTED] MariaDB [REDACTED] repo [REDACTED]

```
$ sudo yum module list mariadb
[REDACTED] 0:25:55 [REDACTED] 2024 10 17 ( ) 14 59 33
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 [e] client, galera, server [d] MariaDB Module

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

10.11 [REDACTED] e[REDACTED]

3 [REDACTED] MariaDB 10.11 [REDACTED]

[REDACTED]

```
sudo yum install mariadb mariadb-server php-mysql -y
[REDACTED] 0:30:01 [REDACTED] 2024 10 17 ( ) 14 59 33
[REDACTED]
=====
=====
[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]
```

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□□ :

mariadb	x86_64	3:10.11.6-1.module+el8.10.0+1674+fa55eae9	appstream	7.3 M
mariadb-server	x86_64	3:10.11.6-1.module+el8.10.0+1674+fa55eae9	appstream	20 M

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mariadb-common	x86_64	3:10.11.6-1.module+el8.10.0+1674+fa55eae9	appstream	68 k
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mariadb-connector-c	x86_64	3.1.11-2.el8_3	appstream	199 k
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mariadb-connector-c-config	noarch	3.1.11-2.el8_3	appstream	14 k
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mariadb-errmsg	x86_64	3:10.11.6-1.module+el8.10.0+1674+fa55eae9	appstream	339 k
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mysql-selinux	noarch	1.0.10-1.el8	appstream	37 k
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perl-Carp	noarch	1.42-396.el8	baseos	29 k
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perl-DBD-MySQL	x86_64	4.046-3.module+el8.9.0+1501+450eec3b	appstream	155 k
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perl-DBI	x86_64	1.641-4.module+el8.9.0+1495+f278a004	appstream	739 k
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perl-Data-Dumper	x86_64	2.167-399.el8	baseos	57 k
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perl-Digest	noarch	1.17-395.el8	appstream	26 k
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perl-Digest-MD5	x86_64	2.55-396.el8	appstream	36 k
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perl-Encode	x86_64	4:2.97-3.el8	baseos	1.5 M
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perl-Errno	x86_64	1.28-422.el8	baseos	75 k
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perl-Exporter	noarch	5.72-396.el8	baseos	33 k
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perl-File-Path	noarch	2.15-2.el8	baseos	37 k
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perl-File-Temp	noarch	0.230.600-1.el8	baseos	62 k
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perl-Getopt-Long	noarch	1:2.50-4.el8	baseos	62 k
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perl-HTTP-Tiny	noarch	0.074-3.el8	baseos	58 k
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perl-IO	x86_64	1.38-422.el8	baseos	141 k
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perl-IO-Socket-IP	noarch	0.39-5.el8	appstream	46 k
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perl-IO-Socket-SSL	noarch	2.066-4.module+el8.9.0+1517+e71a7a62	appstream	297 k
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perl-MIME-Base64	x86_64	3.15-396.el8	baseos	30 k
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perl-Math-BigInt	noarch	1:1.9998.11-7.el8	baseos	194 k
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perl-Math-Complex	noarch	1.59-422.el8	baseos	108 k
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perl-Mozilla-CA	noarch	20160104-7.module+el8.9.0+1521+0101edce	appstream	14 k
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perl-Net-SSLeay	x86_64	1.88-2.module+el8.9.0+1517+e71a7a62	appstream	378 k
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perl-PathTools	x86_64	3.74-1.el8	baseos	89 k
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perl-Pod-Escapes	noarch	1:1.07-395.el8	baseos	19 k
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perl-Pod-Perldoc	noarch	3.28-396.el8	baseos	85 k
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perl-Pod-Simple	noarch	1:3.35-395.el8	baseos	212 k
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perl-Pod-Usage	noarch	4:1.69-395.el8	baseos	33 k
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perl-Scalar-List-Utils	x86_64	3:1.49-2.el8	baseos	67 k
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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	
:					
perl		5.26			
perl-DBD-MySQL		4.046			
perl-DBI		1.641			
perl-IO-Socket-SSL		2.066			
perl-libwww-perl		6.34			
:					
=====					
=====					
55					
50 M					
243 M					

(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 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 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

■■	3.4 MB/s 50 MB	00:14	
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■■■■■			
■■	:	1/1	
■■■	:	mariadb-connector-c-config-3.1.11-2.el8_3.noarch	1/55
■■■	:	mariadb-common-3:10.11.6-1.module+el8.10.0+1674+fa55eae9.x86_64	2/55
■■■	:	mariadb-errmsg-3:10.11.6-1.module+el8.10.0+1674+fa55eae9.x86_64	3/55
■■■	:	perl-Digest-1.17-395.el8.noarch	4/55
■■■	:	perl-Digest-MD5-2.55-396.el8.x86_64	5/55
■■■	:	perl-Data-Dumper-2.167-399.el8.x86_64	6/55
■■■	:	perl-libnet-3.11-3.el8.noarch	7/55

perl-URI-1.73-3.el8.noarch	8/55	
perl-Pod-Escapes-1:1.07-395.el8.noarch	9/55	
perl-Net-SSLeay-1.88-2.module+el8.9.0+1517+e71a7a62.x86_64		10/55
perl-Mozilla-CA-20160104-7.module+el8.9.0+1521+0101edce.noarch		11/55
perl-IO-Socket-IP-0.39-5.el8.noarch	12/55	
perl-Time-Local-1:1.280-1.el8.noarch	13/55	
perl-IO-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
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mariadb-backup-3:10.11.6-1.module+el8.10.0+1674+fa55eae9.x86_64
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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
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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
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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-Utils-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
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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 □□□□□

```
□□□□□□□□
```

```
$ sudo systemctl restart mariadb
$ sudo systemctl enable mariadb
Created symlink /etc/systemd/system/mysql.service → /usr/lib/systemd/system/mariadb.service.
Created symlink /etc/systemd/system/mysqld.service → /usr/lib/systemd/system/mariadb.service.
Created symlink /etc/systemd/system/multi-user.target.wants/mariadb.service →
/usr/lib/systemd/system/mariadb.service.
```

5 □□□ MariaDB □□□□

```
□□□□□□□□
```

```
$ sudo mysql_secure_installation
```

```
□□□□□□□□□□□□□□□□
```

```
root □□□□□□□□□□□□□□□□
```

Enter

```
□□□□
```

NOTE: RUNNING ALL PARTS OF THIS SCRIPT IS RECOMMENDED FOR ALL MariaDB
SERVERS IN PRODUCTION USE! PLEASE READ EACH STEP CAREFULLY!

In order to log into MariaDB to secure it, we'll need the current
password for the root user. If you've just installed MariaDB, and
you haven't set the root password yet, the password will be blank,
so you should just press enter here.

Enter current password for root (enter for none): Enter

root Y

OK, successfully used password, moving on...

Setting the root password ensures that nobody can log into the MariaDB root user without the proper authorisation.

Set root password? [Y/n] Y

New password:

Re-enter new password:

Password updated successfully!

Reloading privilege tables..

... Success!

anonymous users Y

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 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.cnf.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:mysqld(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)

Revision #7

Created 31 May 2022 08:37:41 by kevin

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