

Install & Upgrade Problems

Upgrade to 10.11.18 on Debian 12

Upgrading MariaDB on Debian version 12 to version: 10.11.18-MariaDB-0+deb12u1 Debian 12 cases errors in journalctl. This section describes solution.

Compression Plugin error in journalctl

Correct it by reinstalling the plugins:

```
apt install --reinstall mariadb-plugin-provider-bzip2
apt install --reinstall mariadb-plugin-provider-lz4
apt install --reinstall mariadb-plugin-provider-lzma
apt install --reinstall mariadb-plugin-provider-lzo
apt install --reinstall mariadb-plugin-provider-snappy
```

Permission problem

Error when starting mariadb.service

```
/bin/sh: 1: cannot create /run/mysqld/wsrep-start-position: Permission
denied
```

Problem description

The socket `/lib/systemd/system/mariadb.socket` is started by `sockets.target.wants` before the service `systemd-tmpfiles-setup.service`! Due to this the directory `/run/mysqld` is already created with `root:root` ownership Due to this: `/lib/systemd/system/mariadb.service` breaks because it cannot write in `/run/mysqld`

Solution

There are two possible fixes:

Solution 1

Add the following in `mariadb.service`:

```
ExecStartPre=+/bin/sh -c "/usr/bin/chown mysql:mysql /run/mysqld"
```

Solution 2

Disable the socket, which was not used anyway in our setup

```
systemctl disable mariadb.socket
```

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