## **NAME**

systemd-machine-id-commit.service - Commit a transient machine ID to disk

## **SYNOPSIS**

systemd-machine-id-commit.service

## **DESCRIPTION**

systemd-machine-id-commit.service is an early boot service responsible for committing transient /etc/machine-id files to a writable disk file system. See **machine-id**(5) for more information about machine IDs.

This service is started after local—fs.target in case /etc/machine—id is a mount point of its own (usually from a memory file system such as "tmpfs") and /etc is writable. The service will invoke **systemd—machine—id—setup——commit**, which writes the current transient machine ID to disk and unmount the /etc/machine—id file in a race—free manner to ensure that file is always valid and accessible for other processes. See **systemd-machine-id-setup**(1) for details.

The main use case of this service are systems where /etc/machine-id is read-only and initially not initialized. In this case, the system manager will generate a transient machine ID file on a memory file system, and mount it over /etc/machine-id, during the early boot phase. This service is then invoked in a later boot phase, as soon as /etc has been remounted writable and the ID may thus be committed to disk to make it permanent.

## **SEE ALSO**

systemd(1), systemd-machine-id-setup(1), machine-id(5), systemd-firstboot(1)

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