

NAME

systemd-veritysetup@.service, systemd-veritysetup – Disk verity protection logic

SYNOPSIS

systemd-veritysetup@.service

/lib/systemd/systemd-veritysetup

DESCRIPTION

systemd-veritysetup@.service is a service responsible for setting up verity protection block devices. It should be instantiated for each device that requires verity protection.

At early boot and when the system manager configuration is reloaded kernel command line configuration for verity protected block devices is translated into systemd-veritysetup@.service units by **systemd-veritysetup-generator(8)**.

systemd-veritysetup@.service calls **systemd-veritysetup**.

COMMANDS

The following commands are understood by **systemd-veritysetup**:

attach *volume datadevice hashdevice roothash [option...]*

Create a block device *volume* using *datadevice* and *hashdevice* as the backing devices. *roothash* forms the root of the tree of hashes stored on *hashdevice*. See [Kernel dm-verity^{\[1\]}](#) documentation for details.

detach *volume*

Detach (destroy) the block device *volume*.

help

Print short information about command syntax.

SEE ALSO

systemd(1), **systemd-veritysetup-generator(8)**, **veritysetup(8)**

NOTES

1. Kernel dm-verity
<https://www.kernel.org/doc/html/latest/admin-guide/device-mapper/verity.html>