

NAME

systemd-cryptsetup@.service, systemd-cryptsetup – Full disk decryption logic

SYNOPSIS

systemd-cryptsetup@.service

/lib/systemd/systemd-cryptsetup

DESCRIPTION

systemd-cryptsetup@.service is a service responsible for setting up encrypted block devices. It is instantiated for each device that requires decryption for access.

systemd-cryptsetup@.service will ask for hard disk passwords via the [password agent logic](#)^[1], in order to query the user for the password using the right mechanism at boot and during runtime.

At early boot and when the system manager configuration is reloaded, /etc/crypttab is translated into systemd-cryptsetup@.service units by **systemd-cryptsetup-generator**(8).

SEE ALSO

systemd(1), **systemd-cryptsetup-generator**(8), **crypttab**(5), **cryptsetup**(8)

NOTES

1. password agent logic
<https://www.freedesktop.org/wiki/Software/systemd/PasswordAgents>