Rocky Enterprise Linux 9.2 Manual Pages on command 'lvm2-activation-generator.8'

$ man lvm2-activation-generator.8

LVM2-ACTIVATION-GENERATOR(8)   LVM2-ACTIVATION-GENERATOR(8)

NAME

　　lvm2-activation-generator - generator for systemd units to activate LVM volumes on boot

SYNOPSIS

　　/lib/systemd/system-generators/lvm2-activation-generator

DESCRIPTION

　　The lvm2-activation-generator is called by systemd(1) on boot to generate systemd units at

　　runtime to activate LVM Logical Volumes (LVs) when global/event_activation=0 is set in

　　lvm.conf(5). These units use vgchange -aay to activate LVs.

　　If event_activation=1, the lvm2-activation-generator exits immediately without generating

　　any systemd units, and LVM fully relies on event-based activation to activate LVs.   In

　　this case, event-generated pvscan --cache -aay commands activate LVs.

　　These systemd units are generated by lvm2-activation-generator:

　　lvm2-activation-early.service is run before systemd's special cryptsetup.target to acti?

　　vate LVs that are not layered on top of encrypted devices.

　　lvm2-activation.service is run after systemd's special cryptsetup.target to activate LVs

　　that are layered on top of encrypted devices.

　　lvm2-activation-net.service is run after systemd's special remote-fs-pre.target to acti?

　　vate LVs that are layered on attached remote devices.

　　Note that all the underlying LVM devices (Physical Volumes) need to be present when the

　　service is run. If the there are any devices that appear to the system later, LVs using

　　these devices need to be activated directly by lvchange(8) or vgchange(8).

　　The lvm2-activation-generator implements the Generators Specification as referenced in

systemd(1).

SEE ALSO

lvm.conf(5) vgchange(8) lvchange(8) pvscan(8) udev(7) systemd(1) systemd.target(5) sys?

temd.special(7)