Red Hat Enterprise Linux Release 9.2 Manual Pages on 'mkdumprd.8' command

$ man mkdumprd.8

MKDUMRD(8) System Manager's Manual MKDUMRD(8)

NAME

   mkdumprd - creates initial ramdisk images for kdump crash recovery

SYNOPSIS

   mkdumprd [OPTION]

DESCRIPTION

   mkdumprd creates an initial ram file system for use in conjunction with

   the booting of a kernel within the kdump framework for crash recovery.

   mkdumprds purpose is to create an initial ram filesystem capable of

   copying the crashed systems vmcore image to a location specified in

   /etc/kdump.conf

   mkdumprd interrogates the running system to understand what modules

   need to be loaded in the initramfs (based on configuration retrieved

   from /etc/kdump.conf)

   mkdumprd add a new dracut module 99kdumpbase and use dracut utility to

   generate the initramfs. When generating a kdump initramfs, mkdumprd

   will determine how much disk space is available, if the dump target's

   available space is not greater than the total system memory, mkdumprd

   will print a warning to remind that there might not be enough space to

   save a vmcore. The warning covers extreme scenarios such as the slab

   explodes with non-zero data or a full vmcore, etc. Therefore, need to

   prevent users from having minimum disk space for crash dump.

   mkdumprd was not intended for casual use outside of the service ini?

tialization script for the kdump utility, and should not be run manu‐

ally. If you require a custom kdump initramfs image, it is suggested

that you use the kdump service infrastructure to create one, and then

manually unpack, modify and repack the image.

OPTIONS

All options here are passed to dracut directly, please refer dracut
docs

for the info.

SEE ALSO

dracut(8)