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### ***Rocky Enterprise Linux 9.2 Manual Pages on command 'mkdumpd.8'***

#### ***\$ man mkdumpd.8***

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

#### NAME

mkdumpd - creates initial ramdisk images for kdump crash recovery

#### SYNOPSIS

mkdumpd [OPTION]

#### DESCRIPTION

mkdumpd creates an initial ram file system for use in conjunction with the booting of a kernel within the kdump framework for crash recovery.

mkdumpd's purpose is to create an initial ram filesystem capable of copying the crashed system's vmcore image to a location specified in /etc/kdump.conf

mkdumpd interrogates the running system to understand what modules need to be loaded in the initramfs (based on configuration retrieved from /etc/kdump.conf)

mkdumpd adds a new dracut module 99kdumpbase and uses the dracut utility to generate the initramfs. When generating a kdump initramfs, mkdumpd will determine how much disk space is available, if the dump target's available space is not greater than the total system memory, mkdumpd

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 initialization script for the kdump utility, and should not be run manually. 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)

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