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

**\$ man kdumpctl.8**

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

#### NAME

kdumpctl - control interface for kdump

#### SYNOPSIS

kdumpctl COMMAND

#### DESCRIPTION

kdumpctl is used to check or control the kdump service. In most cases, you should use systemctl to start / stop / enable kdump service instead. However, kdumpctl provides more details for debugging and a helper to set up ssh key authentication.

#### COMMANDS

start Start the service.

stop Stop the service.

status Prints the current status of kdump service. It returns a non-zero value if kdump is not operational.

restart

Is equal to start; stop

reload reload the crash kernel image and initramfs without triggering a rebuild.

rebuild

rebuild the crash kernel initramfs.

propagate

Helps to setup key authentication for ssh storage since it's impossible to use password authentication during kdump.

showmem

Prints the size of reserved memory for the crash kernel in megabytes.

estimate

Estimate a suitable crashkernel value for the current machine.

This is a best-effort estimate. It will print a recommended crashkernel value based on the current kdump setup, and list some details of memory usage.

get-default-crashkernel

Return the default crashkernel value provided by kexec-tools.

reset-crashkernel [--kernel=path\_to\_kernel] [--reboot]

Reset crashkernel to default value recommended by kexec-tools.

If no kernel is specified, will reset KDUMP\_KERNELVER if it's

defined in `/etc/sysconfig/kdump` or the current running kernel's `crashkernel` value if `KDUMP_KERNELVER` is empty. You can also specify `--kernel=ALL` and `--kernel=DEFAULT` which have the same meaning as `grubby's kernel-path=ALL` and `kernel-path=DEFAULT`. `ppc64le` supports `FADump` and supports an additional `--fadump=[on|off|nocma]` parameter to toggle `FADump` on/off.

Note: The memory requirements for `kdump` varies heavily depending on the used hardware and system configuration. Thus the recommended `crashkernel` might not work for your specific setup. Please test if `kdump` works after resetting the `crashkernel` value.

#### SEE ALSO

`kdump.conf(5)`, `mkdumprd(8)`

kexec-tools

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