Maintaining System Integrity



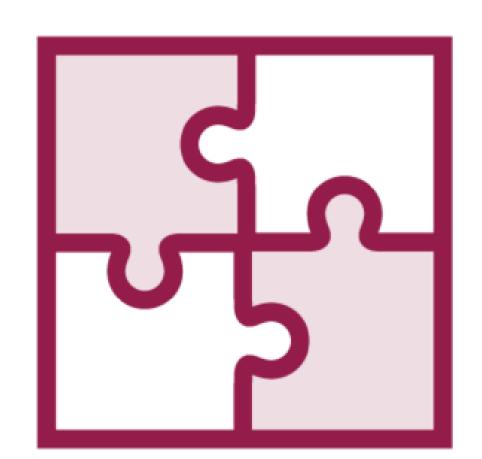
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LINUX SYSTEM ADMINISTRATOR

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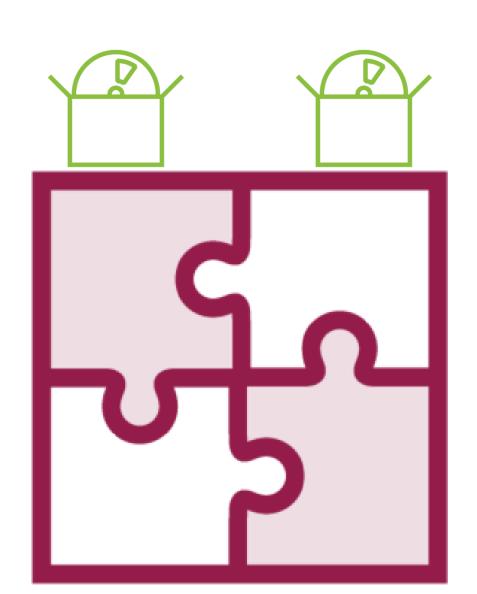


Controlling Linux Kernels

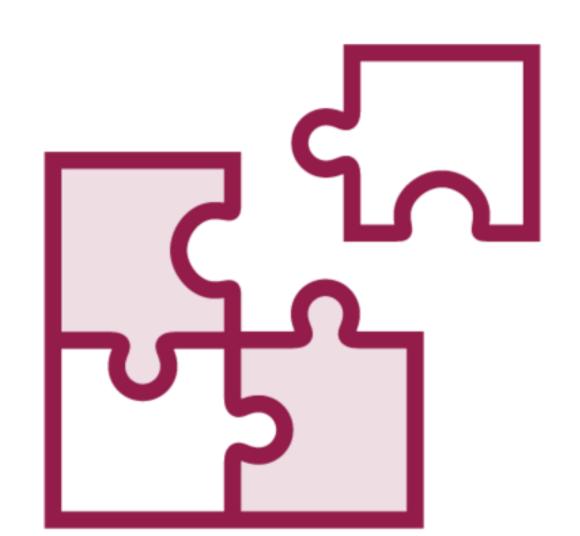
The Linux Kernel



The Linux Kernel



The Linux Kernel



```
# rpm -q kernel
# yum install yum-utils
# package-cleanup --oldkernels --count=2
```

Removing unused kernel versions

CentOS

apt --purge autoremove

Removing unused kernel versions

Ubuntu

yum install kernel kernel-tools kernel-tools-libs

Upgrade the kernel

CentOS

apt update

apt upgrade

Upgrade the kernel

Ubuntu





sudo dmidecode -s processor-frequency



sudo dmidecode -s processor-frequency sudo lshw -C disk



sudo dmidecode -s processor-frequency

sudo lshw -C disk

memtester 1500 1



sudo dmidecode -s processor-frequency

sudo lshw -C disk

memtester 1500 1

sudo smartctl -l devstat /dev/sda



sudo dmidecode -s processor-frequency

sudo Ishw -C disk

memtester 1500 1

sudo smartctl -l devstat /dev/sda

GRUB_DEFAULT=saved



sudo dmidecode -s processor-frequency

sudo Ishw -C disk

memtester 1500 1

sudo smartctl -l devstat /dev/sda

GRUB_DEFAULT=saved

rpm -q kernel