

# Statement

kernelConfig: desktop

kernelConfig: tradeoff-legacy

Carefully evaluate 'tradeoff-legacy' for specific use cases.

kernelConfig: tradeoff-harden

Carefully evaluate 'tradeoff-harden' for specific use cases.

bad: not: Y: MITIGATION\_PAGE\_TABLE\_ISOLATION

bad: not: Y: MITIGATION\_RETPOLINE

bad: not: Y: MITIGATION\_RETHUNK

bad: not: Y: MITIGATION\_UNRET\_ENTRY

bad: not: Y: MITIGATION\_CALL\_DEPTH\_TRACKING

bad: not: Y: MITIGATION\_IBPB\_ENTRY

bad: not: Y: MITIGATION\_IBRS\_ENTRY

bad: not: Y: MITIGATION\_SRSO

bad: not: Y: MITIGATION\_GDS

bad: not: Y: MITIGATION\_MDS

bad: not: Y: MITIGATION\_TAA

bad: not: Y: MITIGATION\_MMIO\_STALE\_DATA

bad: not: Y: MITIGATION\_L1TF

bad: not: Y: MITIGATION\_RETBLEED

bad: not: Y: MITIGATION\_SPECTRE\_V1

bad: not: Y: MITIGATION\_SPECTRE\_V2

bad: not: Y: MITIGATION\_SRBDS

bad: not: Y: MITIGATION\_SSB

bad: not: Y: CONFIG\_X86\_SGX\_KVM

bad: not: Y: CONFIG\_INTEL\_TDX\_GUEST

bad: not: Y: TDX\_GUEST\_DRIVER

bad: not: Y: CONFIG\_AMD\_MEM\_ENCRYPT\_ACTIVE\_BY\_DEFAULT

kernelConfig: virtualization-accessory

warn: not: Y: KVM\_HYPERV

kernelConfig: virtualbox

kernelConfig: boot

kernelConfig: arch-x64

request: -march=sandybridge -mtune=skylake

export KCFGFLAGS="-O2 -march=sandybridge -mtune=skylake -pipe"

export KCPPFLAGS="-O2 -march=sandybridge -mtune=skylake -pipe"

hazard: MCORE2: CONFIG\_MCORE2=y

kernelConfig: accessory

kernelConfig: build

kernelConfig: latency

warn: not: Y: CPU\_FREQ\_DEFAULT\_GOV\_ONDEMAND

hazard: CONFIG\_PREEMPT: CONFIG\_PREEMPT=y

hazard: CONFIG\_PREEMPT\_RT:

bad: not: N: CONFIG\_DEBUG\_NOTIFIERS

kernelConfig: memory

warn: not: Y: CONFIG\_FRONTSWAP

kernelConfig: integration

hazard: CONFIG\_NTFS\_RW:

warn: not: Y: CONFIG\_GENTOO\_LINUX

warn: not: Y: CONFIG\_GENTOO\_LINUX\_UDEV

warn: not: Y: CONFIG\_GENTOO\_LINUX\_PORTAGE

warn: not: Y: CONFIG\_GENTOO\_LINUX\_INIT\_SCRIPT

warn: not: Y: CONFIG\_GENTOO\_LINUX\_INIT\_SYSTEMD

kernelConfig: investigation

warn: not: M/Y: ACPI\_HMAT

warn: not: M/Y: CONFIG\_UCLAMP\_TASK

warn: not: M/Y: CPU\_IDLE\_GOV\_TEO

warn: not: M/Y: LOCK\_EVENT\_COUNTS

kernelConfig: investigation: docker

kernelConfig: investigation: prog

kernelConfig: convenience

kernelConfig: special

bad: not: Y: X86\_FRED

bad: not: Y: SLAB\_BUCKETS

bad: not: Y: BLK\_DEV\_WRITE\_MOUNTED

bad: not: N: SSB\_SDIOHOST\_POSSIBLE

request: make menuconfig

request: make -j \$(nproc)

request: make deb-pkg -j \$(nproc)

# Description

Linux kernel 'lts\_5.10.???-intel' . Config file in this directory.

# Reference