



MELTDOWN & SPECTRE FOR NORMAL PEOPLE

SPECTRE: VARIANT 2 (CVE-2017-5715)

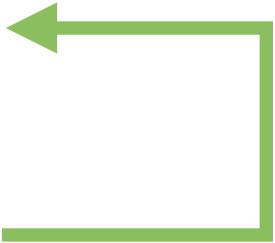














The conditional jump (branch) now is an indirect jump.

Indirect jumps use addresses stored "somewhere else".

This can also be used to speculatively execute any code found in the target process (kernel).







Counter





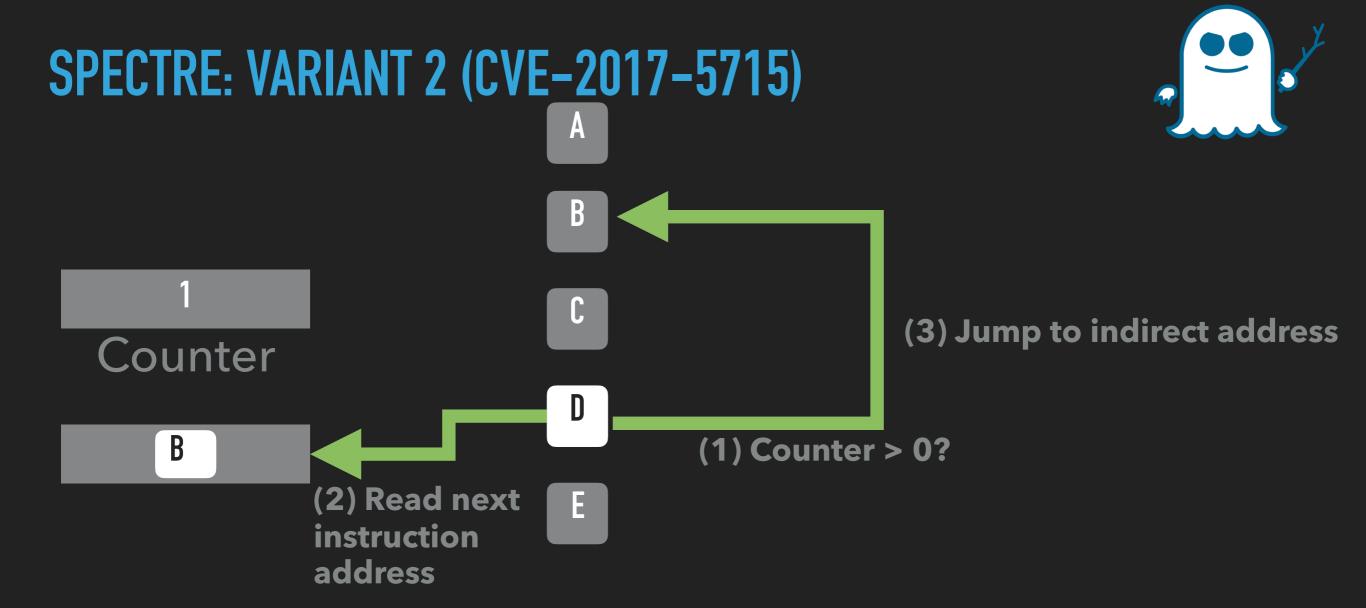
(1) Counter > 0?



(2) Read next instruction address

(3) Jump to indirect address





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CONCLUSION