



MELTDOWN & SPECTRE FOR NORMAL PEOPLE



- Result: Programs can read all memory Affects: All modern CPU/OS speculative
- Vector: Uses
 speculative
 execution to read
 forbidden memory
 and cache timing
 to exfiltrate data

- How bad: Very bad
- Fixes: Needs
 changes in CPU
 and/or changes in
 programs.
 Performance
 - impact varies and depends on CPU and workload type.

THREAT-O-METER

Threat - O - Meter

LOW RISK

Exploit unlikely or running untrusted code already worst case

MEDIUM RISK

Exploit possible but needs another successful attack to run attackers code

HIGH RISK

Exploit possible and runs untrusted code "by design"

SPECTRE

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