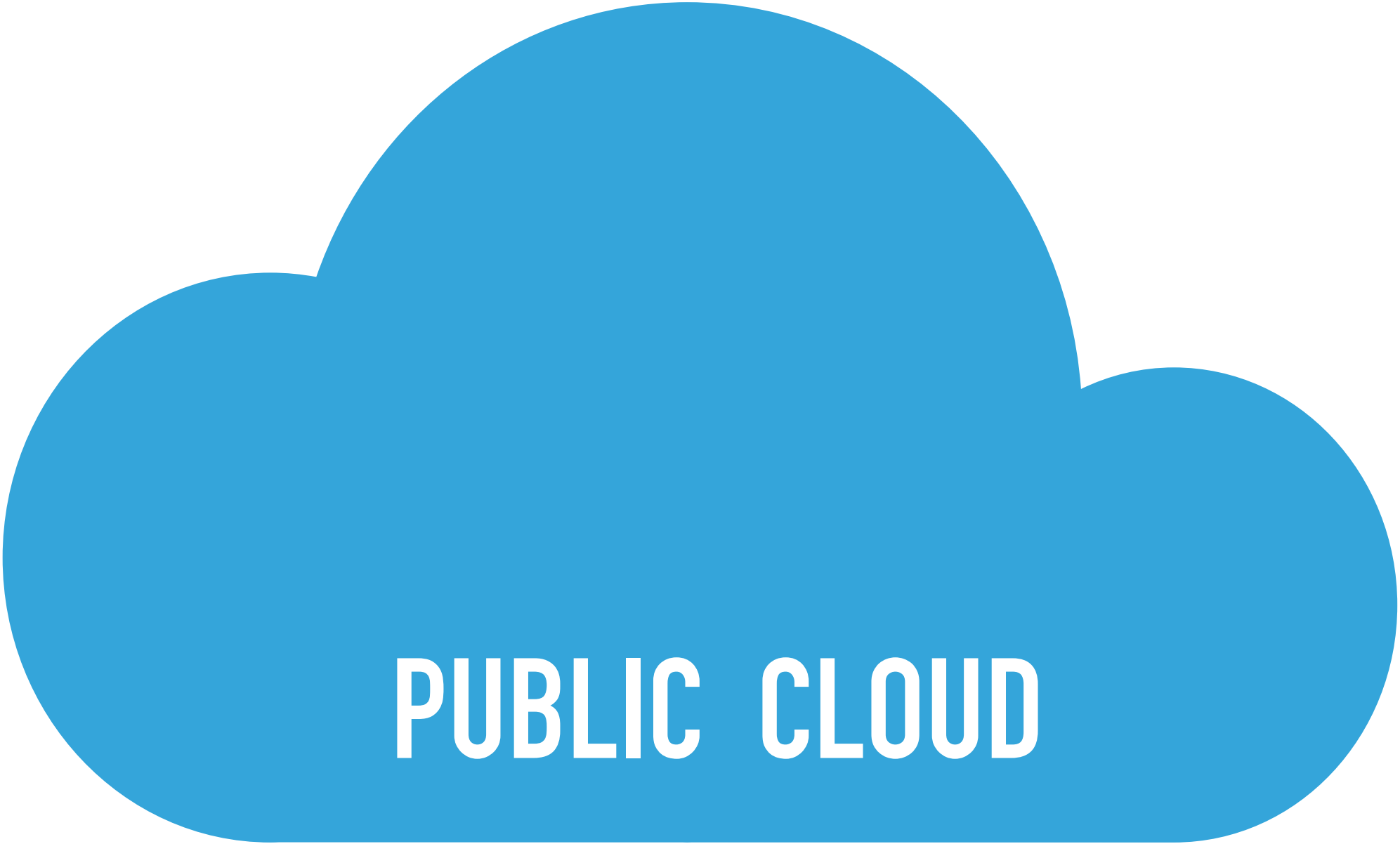
HIGH RISK

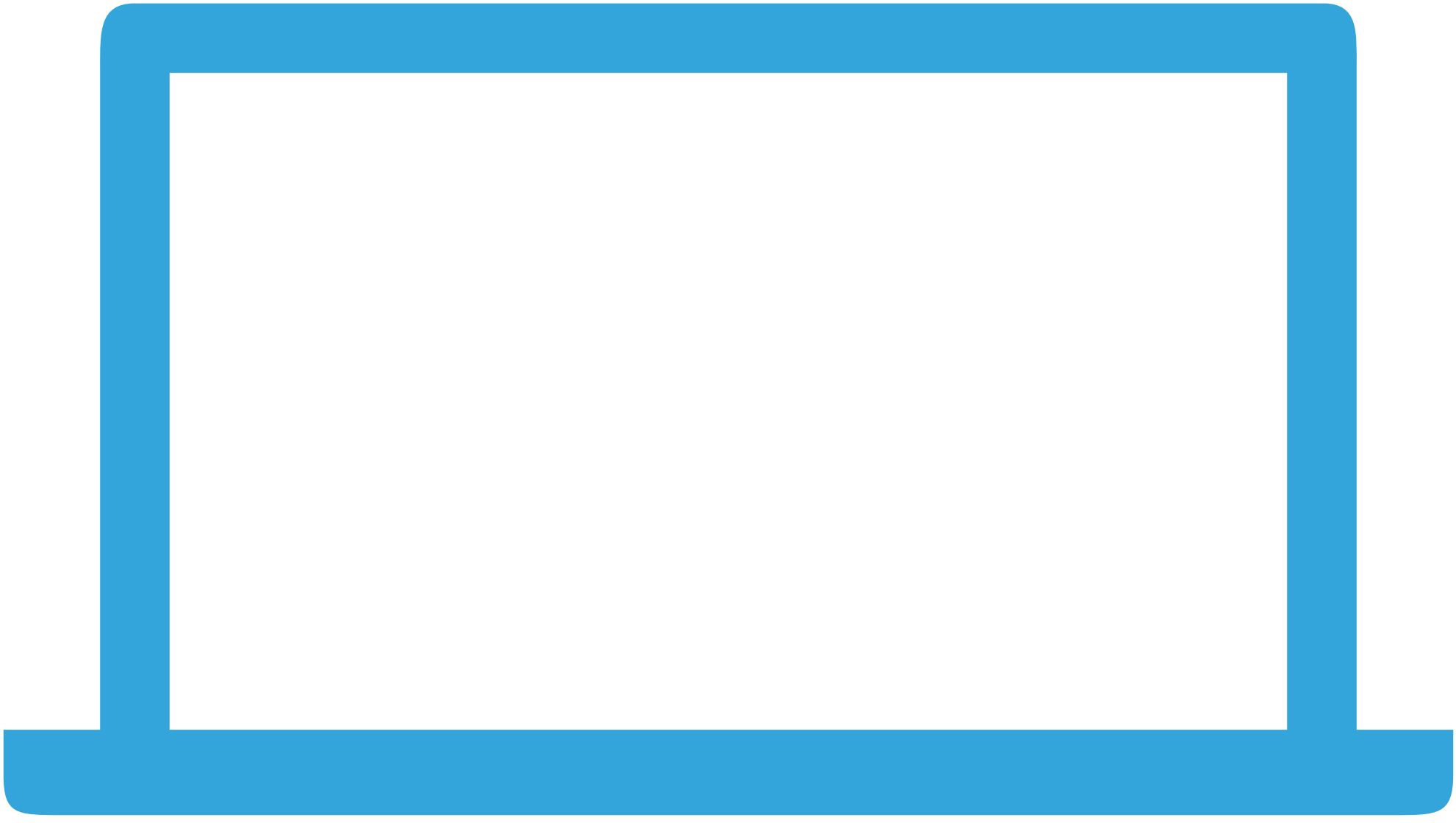
MEDIUM RISK

LOW RISK

MELTDOWN & SPECTRE FOR NORMAL PEOPLE

THREAT-O-METER


PUBLIC CLOUD



LAPTOP WITH BROWSER

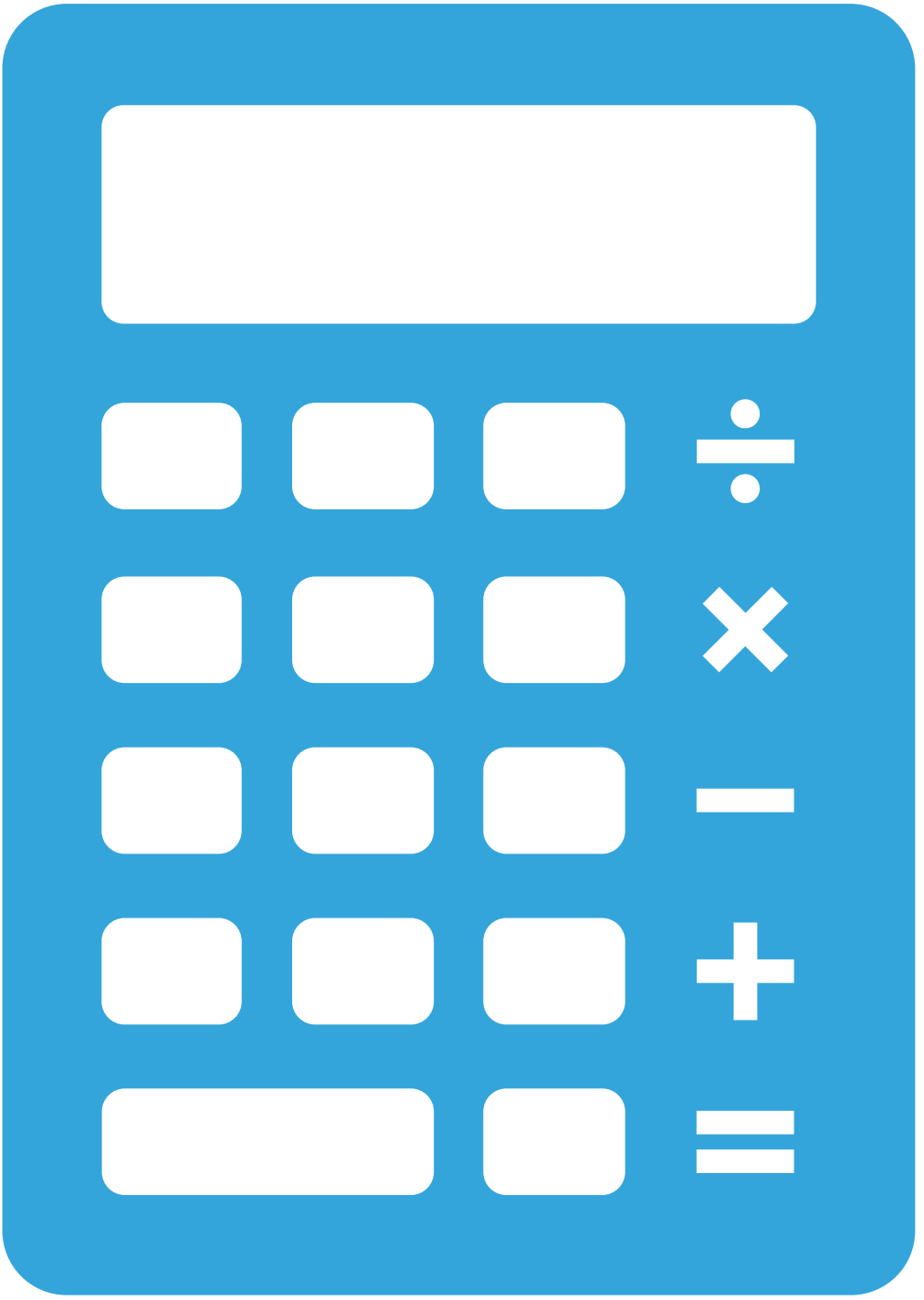
Exploit unlikely or running untrusted code already worst case

Exploit possible but needs another successful attack to run attackers code

Exploit possible and runs untrusted code "by design"

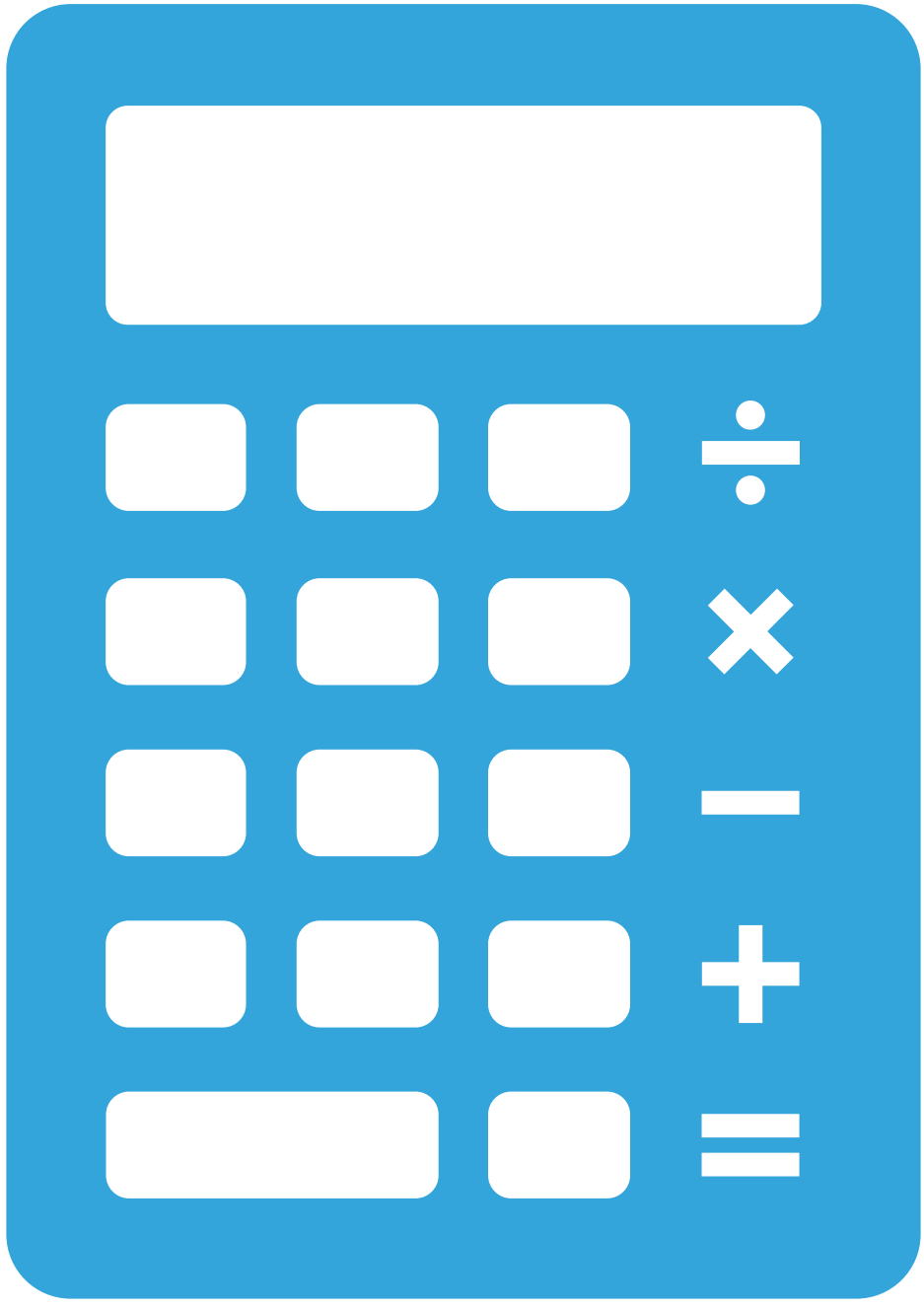
PRIVATE CLOUD

DATABASE
SERVER

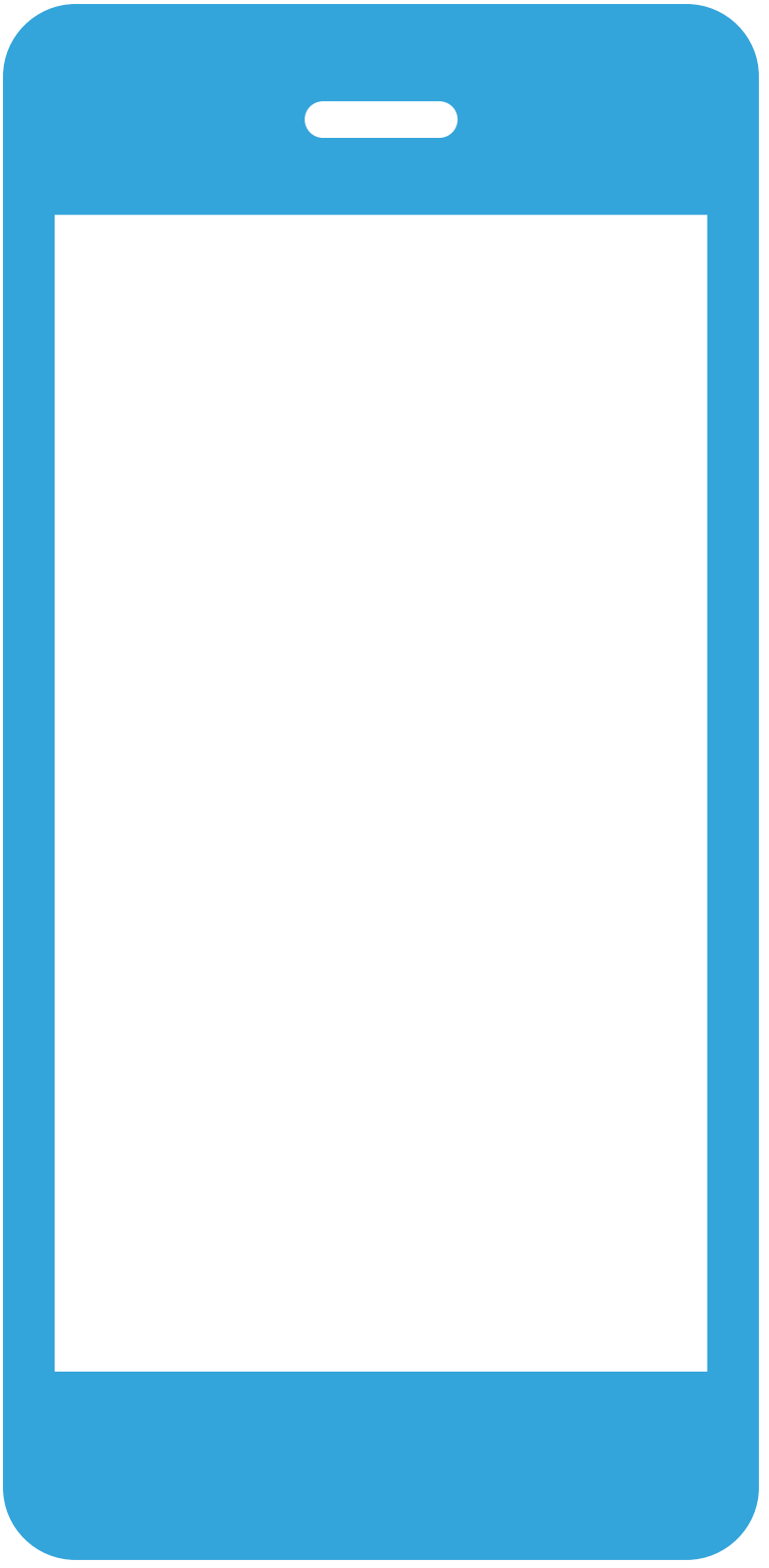


MAILSERVER

FIREWALL



APPLICATION SERVER

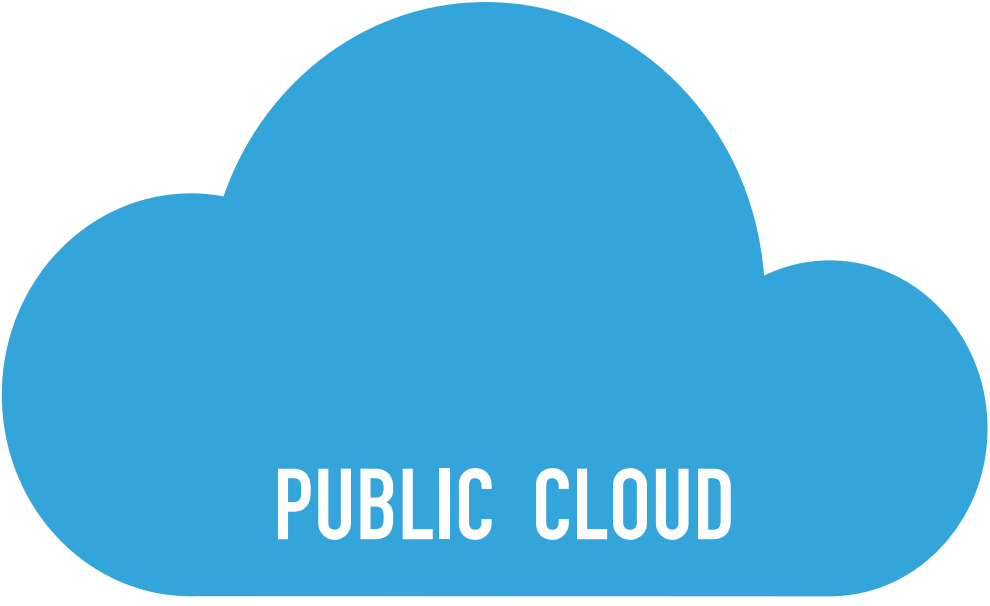


MOBILE PHONE

Meltdown and Spectre exploit side effects of modern CPU architectures.

The *exploitability* very much depends on the field of application of the system.

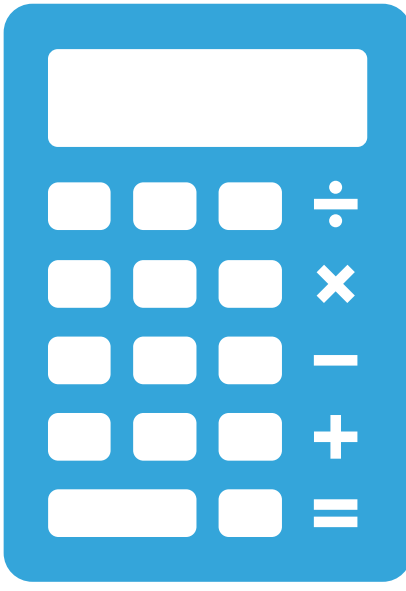
Expect new “bugs” of this type!


PUBLIC CLOUD

LAPTOP WITH BROWSER

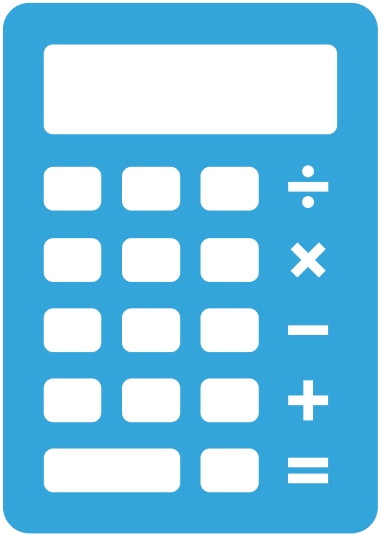
PRIVATE CLOUD

DATABASE
SERVER

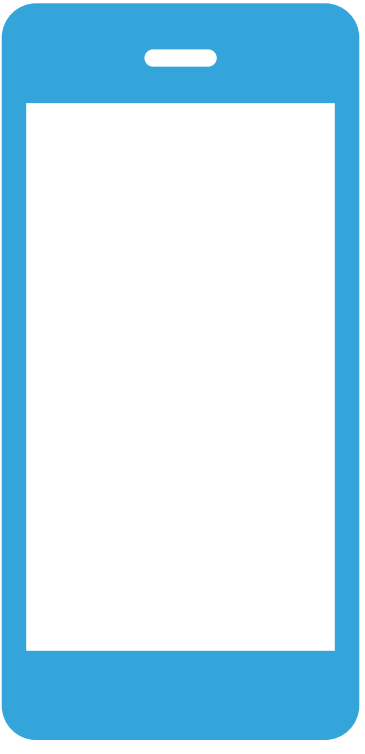


MAILSERVER

FIREWALL



APPLICATION SERVER



MOBILE PHONE

Knock knock

Branch prediction

Who's there?

Q & A

https://github.com/neuhalje/presentation_meltdown_spectre

THREAT-O-METER

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