✨Cos’è il Confidential Computing?

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Camilla Conte

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2. Encrypted Memory
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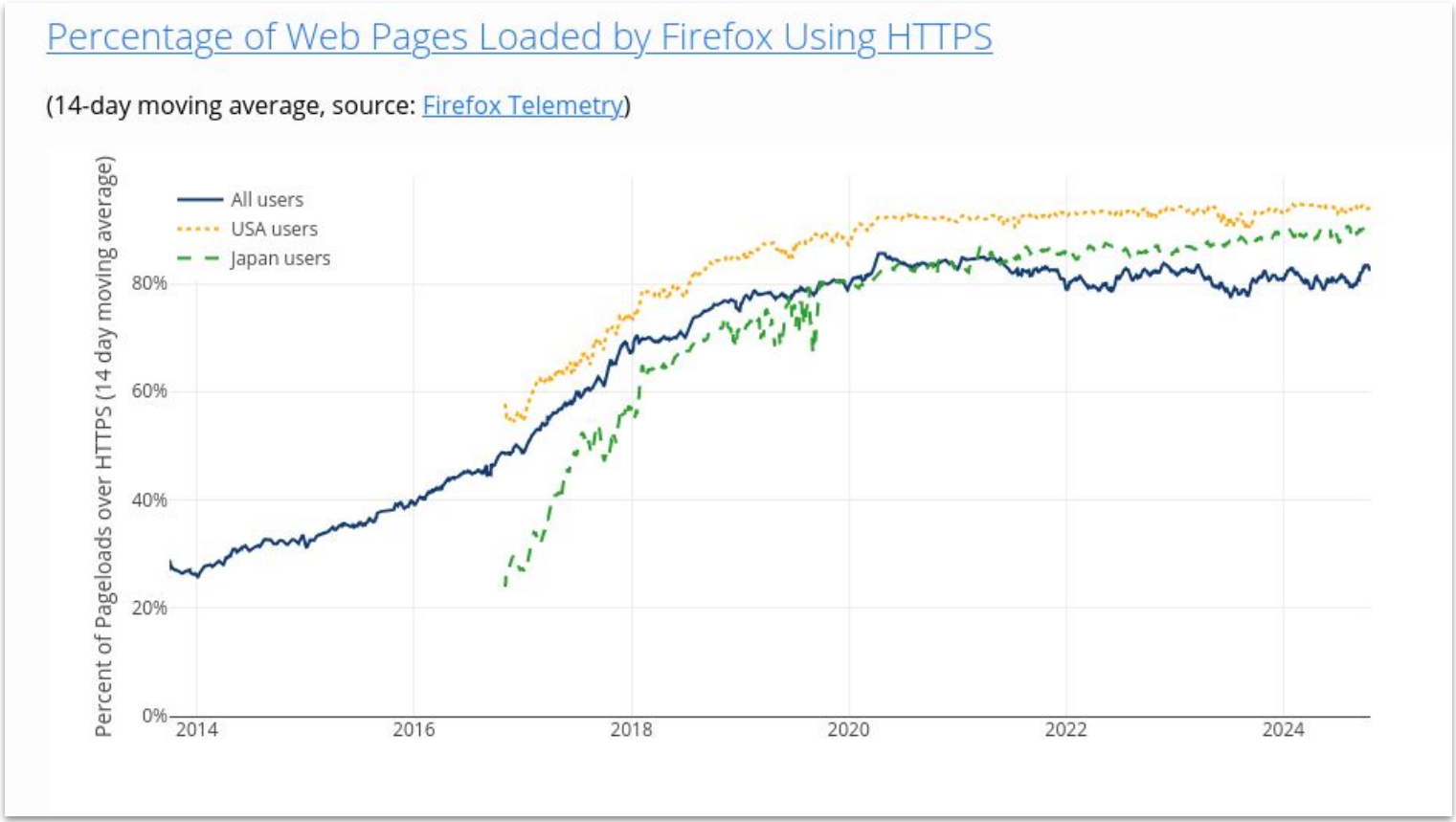
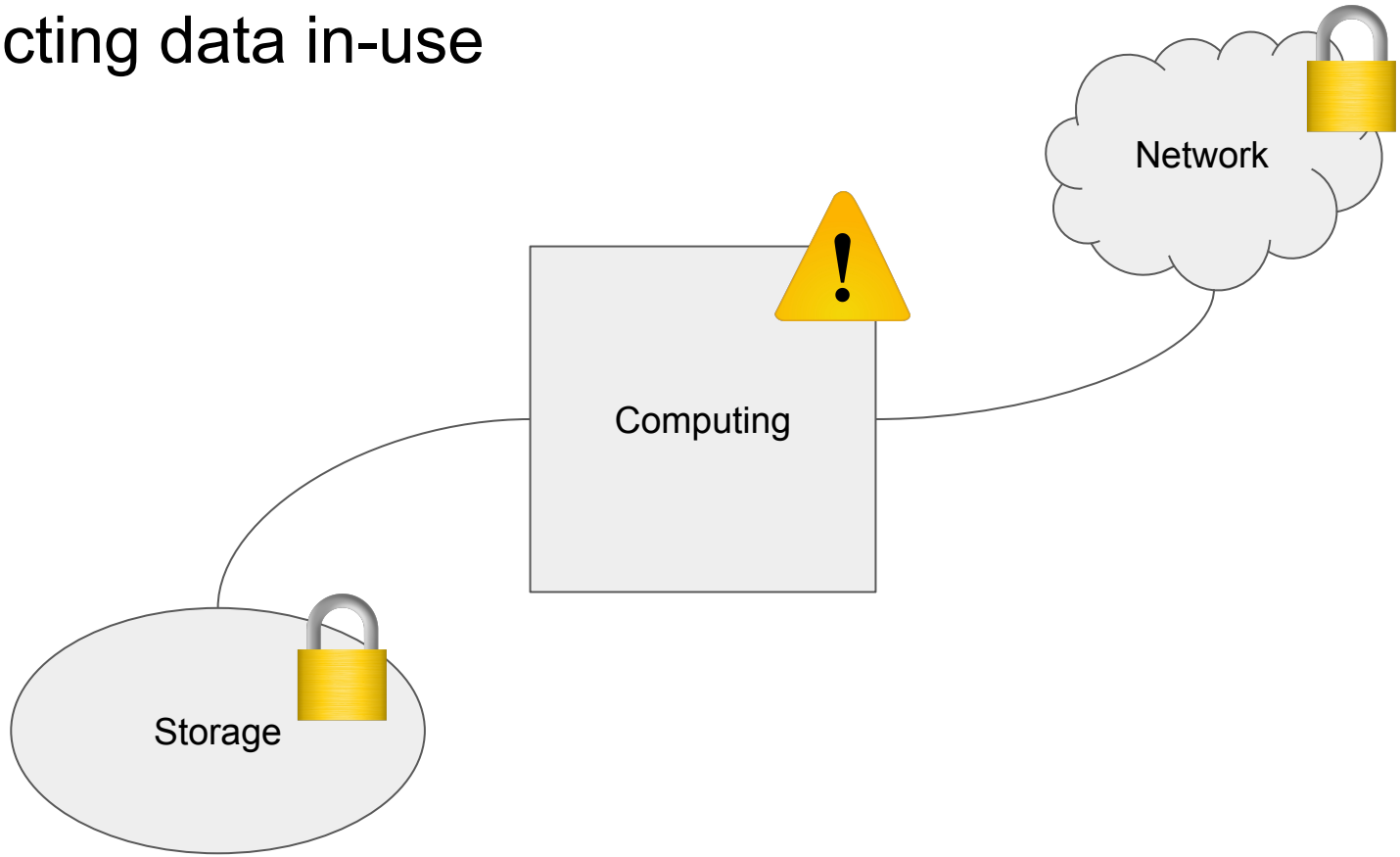
Introduzione

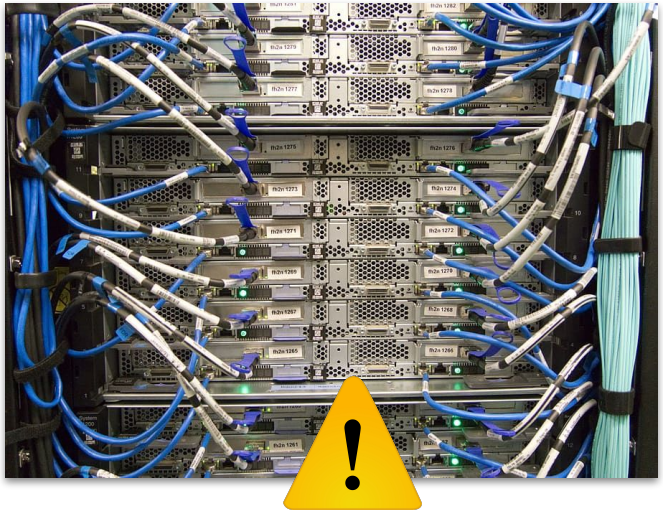
“Confidential Computing is HTTPS for hardware”



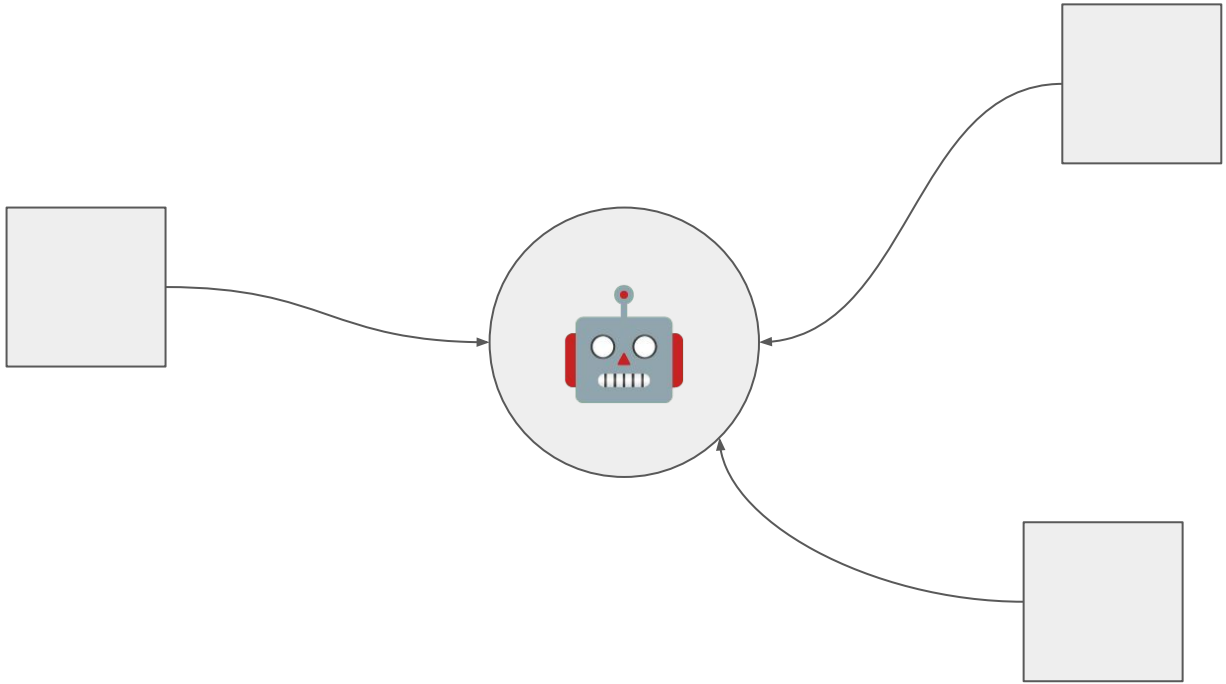
Protecting data in-use



Protecting data in-use

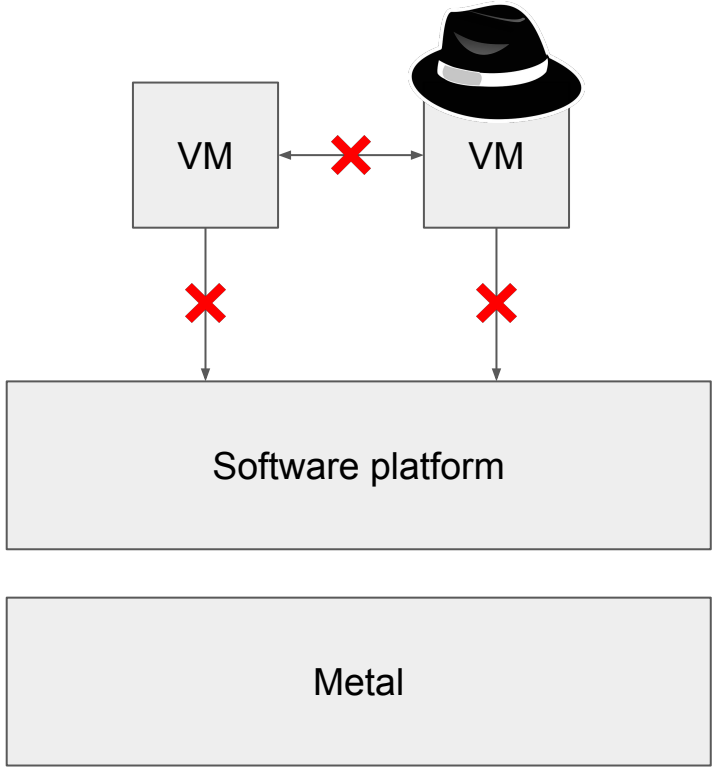


Secure multi-party computation and Federated learning

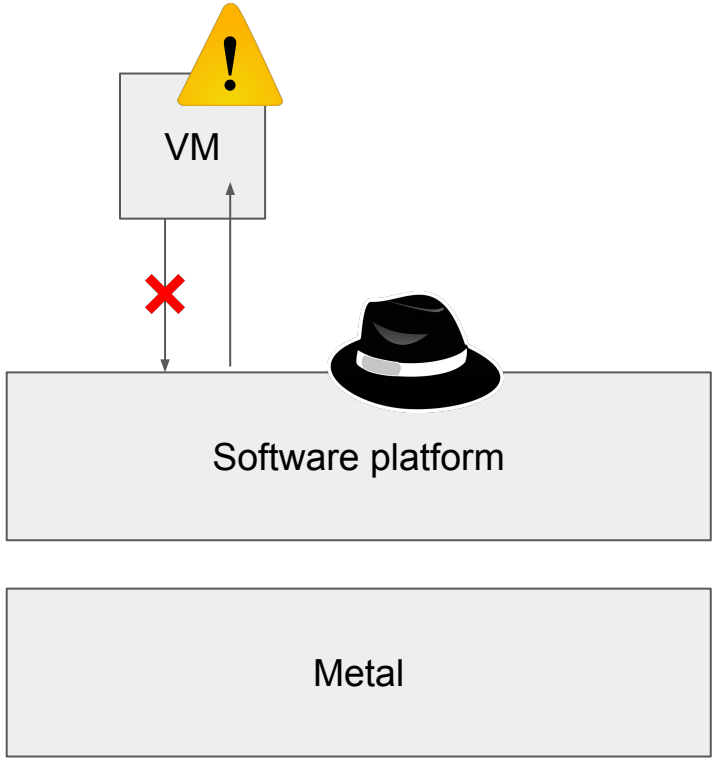


Encrypted Memory

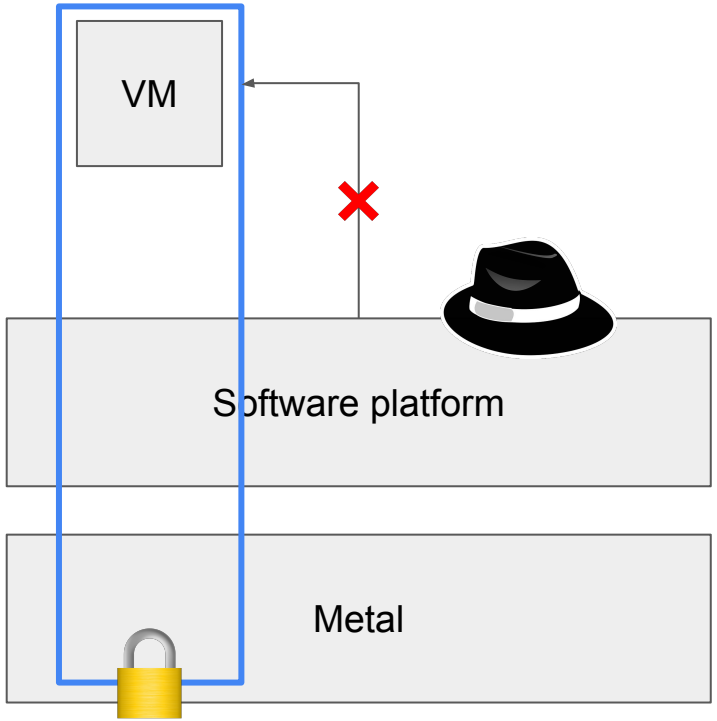
Virtual Machines



Virtual Machines

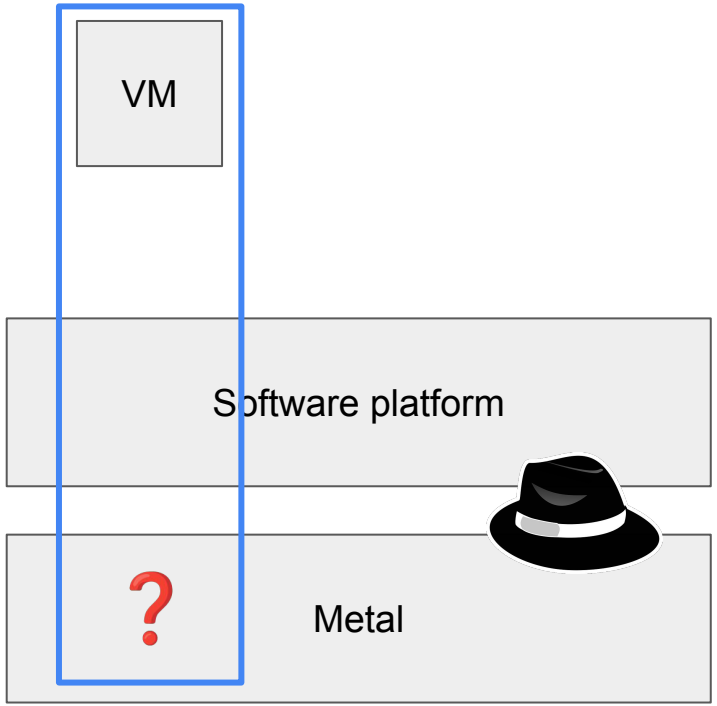


Confidential Computing: Encrypted Memory

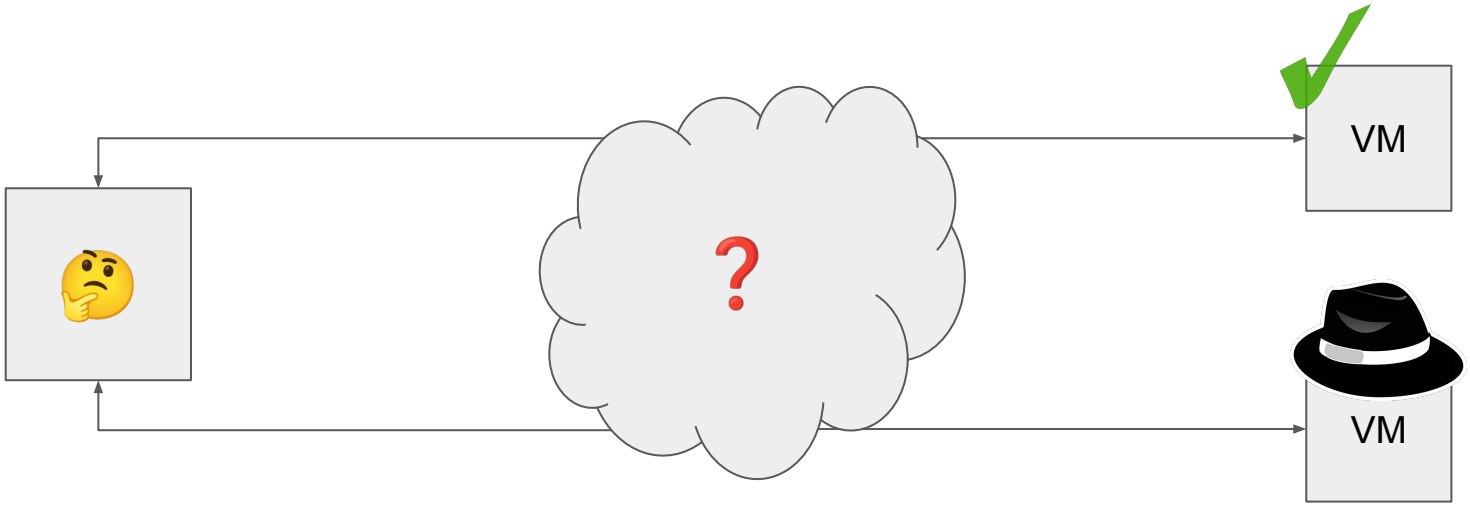


Attestation ✓

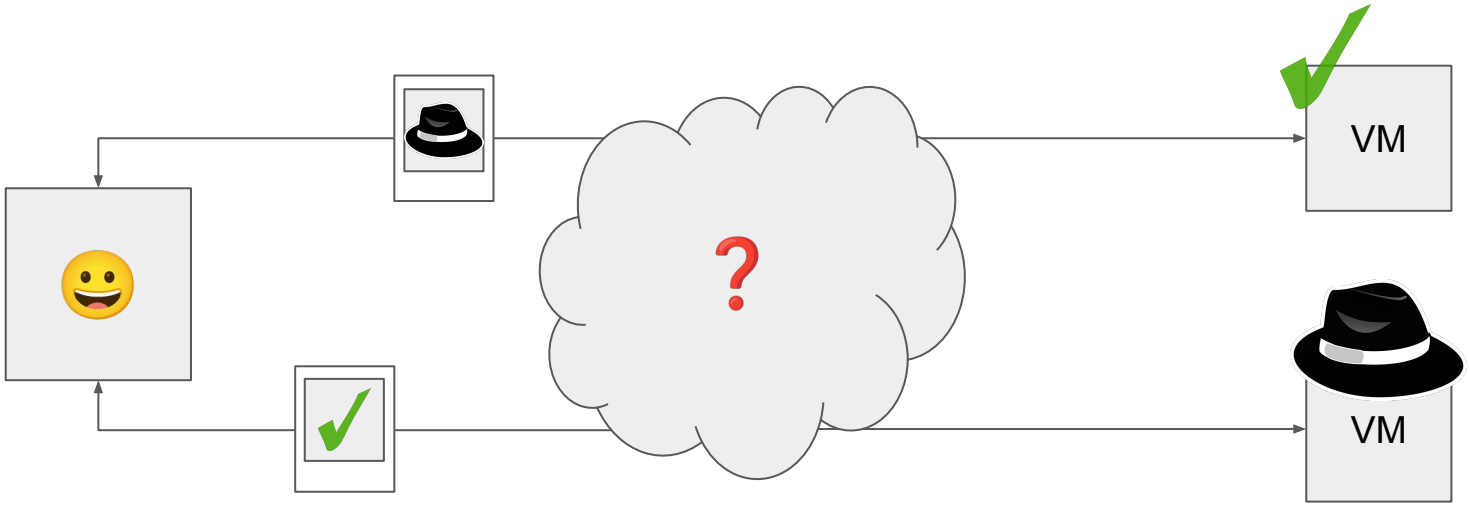
Untrusted environment

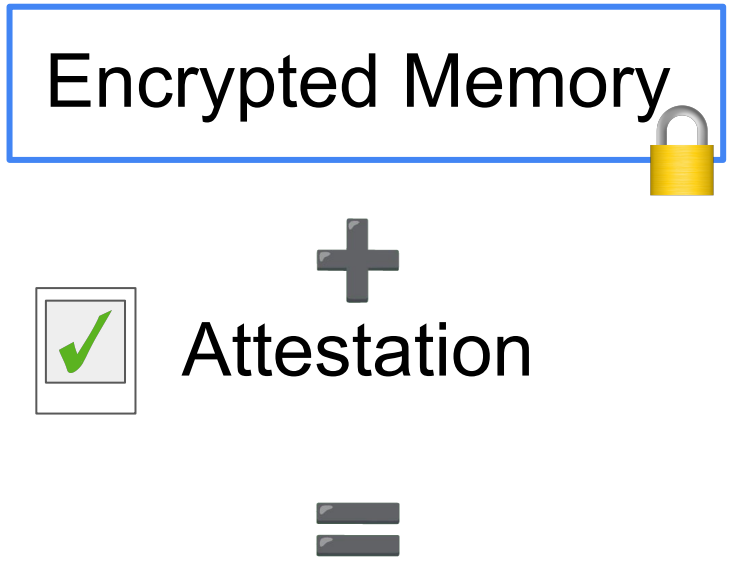


Untrusted environment



Confidential Computing: Attestation




Encrypted Memory
Attestation
Confidential Computing

Hardware Root of Trust

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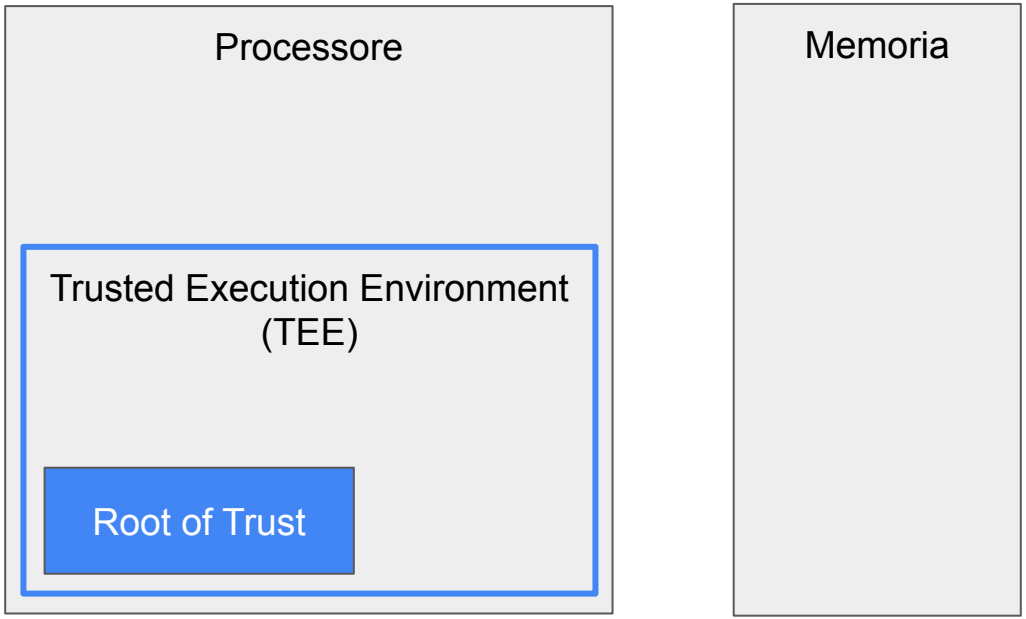

Approfondire

- Confidential computing - Wikipedia
- What Is Confidential Computing? | NVIDIA Blogs
- Confidential computing primer - Red Hat Blog
- Confidential Containers · GitHub
- Scrivimi: cconte@redhat.com