Implementation of Remote Attestation Tools and a Crypto Provider in Rust or Java

Motivation and Task Description
Remote Attestation is the process of assessing the trustworthiness of a remote computing platform through verifying the integrity of its software stack. Several hardware-based technologies enable remote attestation, such as Trusted Platform Modules (TPMs) or Confidential Computing (CC) technologies (e.g., AMD SEV, Intel SGX).

In previous projects, a generic attestation framework has been implemented as a Proof of Concept (PoC) in Go. Now we are looking for one or more students for implementing and extending this framework in either Rust or Go, for usage in different computing environments.

Requirements
- High motivation and ability to work independently
- Good programming skills in either Rust or Java
- At least basic knowledge of cryptographic primitives

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