

Glossary

APB (Attestation Protocol Block) Attestation Protocol Blocks understand the requirements of a particular attestation situation. Can produce or evaluate measurement. Simply, it is the protocol used to collect and transmit evidence.

Appriser The system that desires the trust decision.

ASP (Attestation Service Provider) In Maat, these are discrete functional units. They perform a specific, discrete function in evidence collection.

Authenticity A Maat property that ensures evidence is from the requested source and reflects target's state.

Correctness A Maat property that addresses sound design and correct implementation.

Cryptographic Hashes a type of evidence that can inform integrity evaluation. One can take a hash of executables or other files used during platform operation.

Domain The context in which the security association was established.

Events Observable effects associated with phrase execution.

Evidence Measurements of a system to ensure integrity. Measurements can be used to ensure that the correct software/ hardware is used or that the state of the system is valid..

Ideal The target gives all possible information about its system.

Intersection Poset The intersection of a the target's proposal the the appraiser request.

Local Policy The situationally dependent needs of the appraiser or the target.

Negotiation Policy Is this a thing?.

Perfect The target fulfills the appraiser's exact request.

Privacy Policy Controls how much information the target or appraiser is willing to expose.

Protection a Maat property that addresses the ability MA components to meet their trust obligations.

Remote Attestation Consists of generating evidence of a system's integrity via measurements, and reporting the evidence to a remote party for appraisal.

Selection Policy The appraiser's guidelines that are followed to decide which protocol to select for attestation.

Semantic Explicitness A principle of remote attestation that addresses the degree that measurement data contains the necessary evidence required for a trust decision.

Target The system to be evaluated for a trust decision.

Terms/Phrases Copland programs that are built from a small set of operators designed to orchestrate the activities of measurement agents across several layers of a target system.