

Event Definitions and Timing of Flows

RATS Virtual 107

31 March 2020 - **Work in progress!**

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With thanks to Dave Thaler and Laurence Lundblade

Attestation Event Types

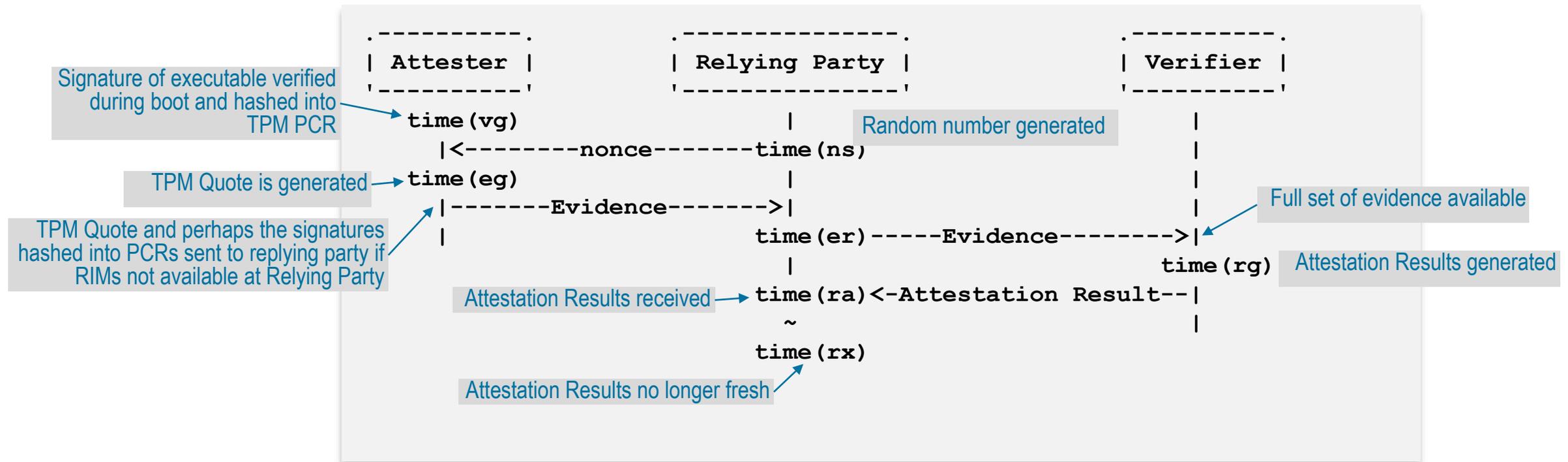
(as contained in current Arch Document pull request)

	Event	Explanation of event
vg	Value generation	A value to appear in a claim was created
ns	Nonce sent	A random number is generated and sent
nr	Nonce relayed	A random number is passed through another entity
eg	Evidence generation	An Attester collects claims and generates Evidence
er	Evidence relayed	A Relying Party relays Evidence to a Verifier
rg	Result generation	A Verifier appraises Evidence and generates an Attestation Result
ra	Result appraised	The Relying Party appraises Attestation Results
op	Operation performed	The Relying Party performs some operation in part driven by the current trustworthiness of the Attester.
rx	Result expiry	An Attestation Result should no longer be accepted, according to the Verifier that generated them.

Nonce based Background Check

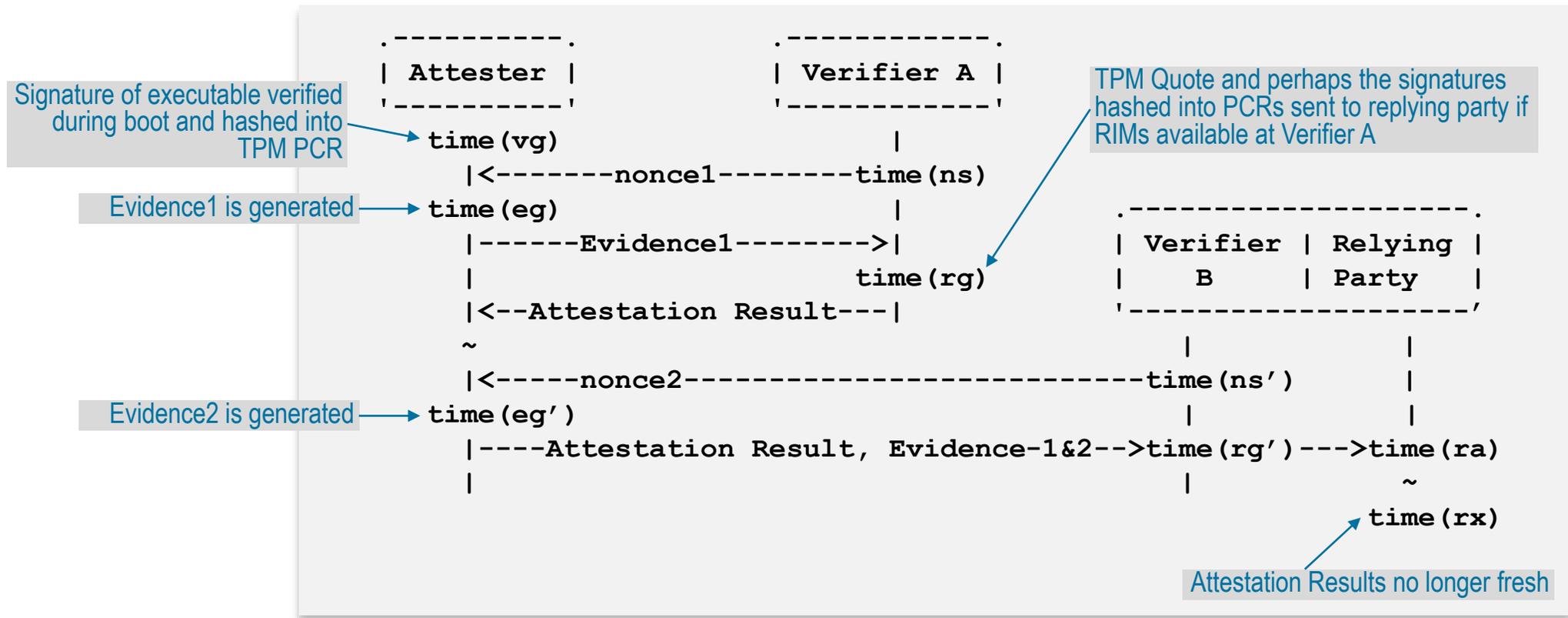
Remote Integrity Values

draft-fedorkow-rats-network-device-attestation-02



Composite Evidence

draft-voit-rats-trusted-path-routing-01



Attestation Event Types

	Event	Explanation of event
vg	Value generation	A value to appear in a claim was created
aa?	Attester awareness	When an Attester or Attester Component receives a claim
hd?	Handle distribution	Random number is generated centrally for time-bound freshness use across a domain of devices
ns	Nonce sent	A random number is generated and sent
nr	Nonce relayed	A random number is passed through another entity
eg	Evidence generation	An Attester collects claims and generates Evidence
er	Evidence relayed	A Relying Party relays Evidence to a Verifier
rg	Result generation	A Verifier appraises Evidence and generates an Attestation Result
rp?	Result push	Attestation Results are pushed from a Verifier
rr?	Result relayed	Attester relays *just* Attestation Results to Relying Party. No Composite Evidence may be appended.
ra	Result appraised	The Relying Party appraises Attestation Results
op	Operation performed	The Relying Party performs some operation in part driven by the current trustworthiness of the Attester.
rx	Result expiry	An Attestation Result should no longer be accepted, according to the Verifier that generated them.