

EU-SEC The European Security Certification Framework

ARCHITECTURE AND TOO LS FOR EVIDENCE STORAGE



21 November, 2018 1



- EU-SEC is focusing on the collections of requirements, definition of controls and designing/implementing methods for a production deployment of cloud services security audits, in a continuous manner
- Ensuring trustworthy, reliable and performant management of evidences, including storage of evidences as well as all the interfaces, data formats and protocols required to provide a seamless and generic transport of data from the evidence producer to the storage element, and from the storage element to data consumers and CSP end-users

21-Nov-18

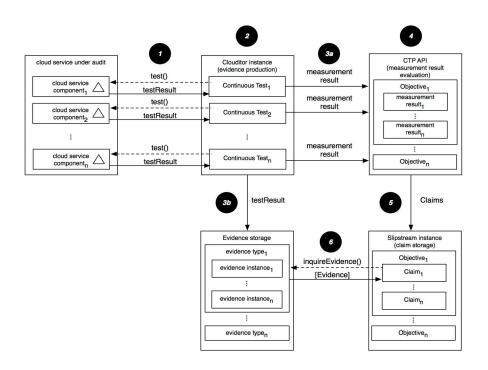


- With any possible threat to the evidence management taken into account, all the test results from continuous auditing tools like Clouditor, are stored into a document based search engine, through an interface based on the CIMI specification
- This evidence store and respective interface, provide all the mechanisms for user authentication & authorization, evidence searching and filtering of results

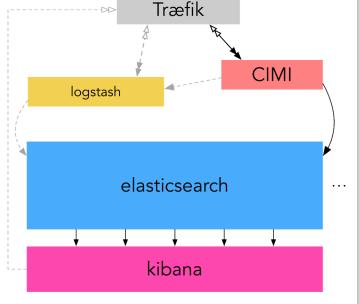
21-Nov-18



• The proposed solution will be based on an existing implementation of a service catalog based on ElasticSearch and CIMI, used by Nuvla from SixSq



https://evidence.storage/api https://evidence.storage/logstash https://evidence.storage/kibana



21-Nov-18