

EU-SEC The European Security Certification Framework

ARCHITECTURE AND TOOLS FOR EVIDENCE STORAGE



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- 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

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- 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

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

