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Electronic Signatures and Infrastructures (ESI)
Testing interoperability and conformity activities to be run during the implementation and promotion of the framework of digital signatures

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Contents

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Foreword

This Special Report (SR) has been produced by ETSI Technical Committee Electronic Signatures and Infrastructures (ESI).

Modal verbs terminology

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1 Scope

The present document details a proposal for ETSI activities related to testing conformance and interoperability performed in parallel with the building up and promotion of the Rationalized Framework for Electronic Signature Standardization ETSI TR 119 000 [i.1].

The critical deliverables, European Standards and Technical Specifications, of the Framework [i.1] that are in preparation at the time of publication of the present document and whose development, adoption and deployment would largely benefit from the organization of testing events are identified together with the required conformity testing tools.

An appropriate scheduling of events for testing interoperability and conformance is proposed, to help ensure that a reasonable amount of implementations are available in the market for being tested and that these tests may actually impact in due time the standardization process, allowing to fix any problem (interoperability, ambiguity, etc.) present in the deliverables under development that are identified during these events.

Finally, a scheduling of conformity testing tools development and deployment is defined, including also recommendations about when and how they will be made available to the community.

The present document covers the period from Q4 2015 to Q4 2016, schedule for previous events is available in the previous version of the present document.

2 References

2.1 Normative references

References are either specific (identified by date of publication and/or edition number or version number) or non-specific. For specific references, only the cited version applies. For non-specific references, the latest version of the referenced document (including any amendments) applies.

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Not applicable.

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The following referenced documents are not necessary for the application of the present document but they assist the user with regard to a particular subject area.

[i.1] ETSI TR 119 000: "Electronic Signatures and Infrastructures (ESI); The framework for standardization of signatures: overview".

[i.2] CEN CWA 16408: "Testing Framework for Global eBusiness Interoperability Test Beds (GITB)", February 2012.

NOTE: Available at: ftp://ftp.cen.eu/CEN/Sectors/List/ICT/CWAs/CWA_16408.pdf.

[i.3] OASIS Standard: "Test Assertions Model Version 1.0".

NOTE: Available at: http://docs.oasis-open.org/tag/model/v1.0/testassertionsmodel-1.0.pdf.