ZIPPER

APROVED
GENERAL MANAGER
DORU VIJIIANU

ZIPPER Time Stamping Authority
Disclosure Statement

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Edition history			
Edition	**Date and description of the change**	**Prepared**	**Approved**
1	28.02.2022 – First edition	Mirela Ojog	Judit Fekete

1. Purpose

The TSA disclosure statement is designed as a supplemental instrument of disclosure and notice of the terms of service in a condensed manner. Although practice statement documents are essential for describing and governing time-stamp policies and practices, many users can find these documents difficult to understand. Therefore, there is a need for a simplified instrument that can assist users in making informed trust decisions. A TSA disclosure statement is not intended to replace a practice statement, or the terms and conditions, but only supplements them. An example of the structure for a TSA disclosure statement is included in Annex B2 ETSI EN 319 421.

2. Overview

This document aims to provide the Subscribers and Relying Parties of the Time-Stamping services with a quick recap concerning the information available in ZIPPER Time-Stamping Authority (TSA) Policy & Practice Statement and ZIPPER Terms and Conditions for Time-Stamping Services.

This document does not substitute or replace ZIPPER's Terms and Conditions for Time-Stamping Services *nor the TSA Policy & Practice Statement; it summarizes the key points for the benefit of Subscribers and Relying Parties.*

3. Contact info

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4. Electronic Time-stamp Types and Usage

4.1 Policy applied

ZIPPER TSA Policy & Practice Statement is based on the ETSI BTSP best practices policy for time-stamps (OID 57570).

4.2 Types of Time Stamps, Expected Lifetime of Time Stamp

Time stamps issued by ZIPPER are qualified under the eIDAS Regulation. The qcStatement "esi4-qtstStatement-1" as defined in ETSI EN 319 422 is used as an indication that the time-stamp is a qualified electronic time-stamp.

A Time stamp can be used in order to prove that data in electronic form existed at a particular time.

The expected validity period of ZIPPER Time-Stamping Unit is up to five (5) years.

Cryptographic hash functions, used in the time-stamping process are in accordance with normative requirements, SHA-256 and SHA-512.

4.3 Time Stamp Usage

Time-stamping services shall not be used outside the limits and contexts specified in ZIPPER TSA Policy and Practice Statement, nor for unlawful purposes, or contrary to public interest, or otherwise likely to damage the business or reputation of ZIPPER. Indicatively, the use of Time stamps to time-stamp documents which can lead to unlawful activity.

4.4 Information about verification of the Time stamp

Time stamps can be verified as described in Section 5 and 6 below.

5. Reliance Limits

5.1 Time Stamps Validity

Time stamps become valid as of the date specified in them. The validity of the Time stamp expires on the date of expiry indicated in the Time stamp or if the Time-Stamping Unit certificate is revoked.

ZIPPER TSA ensures that the Time-Stamping Unit's private signing keys are not used beyond the end of their life cycle.
The Time Stamp Token generation system shall reject any attempt to issue a Time Stamp Token if the signing private key is expired or if the signing private key usage period is expired.

5.2 Accuracy of time

ZIPPER ensures that Time Stamp Tokens are issued securely and include the correct time.
ZIPPER TSA ensures that its time is synchronized with UTC within the declared accuracy with multiple independent time sources. The Time-Stamp Tokens are issued with an accuracy of one (1) second. ZIPPER implements security controls preventing unauthorized operation, aimed at calibration of TSA time. ZIPPER monitors that synchronization is maintained when a leap second occurs.

5.3 Maintenance of event logs

Time-Stamping Certificates are valid for five (5) years but require re-keying every year. Therefore, logs and records for Time-Stamping are retained for one (1) year after the expiration of the Time-Stamping Unit Certificate.

6. Subscriber Obligations

Subscribers shall verify the signatures created by ZIPPER TSA on the Time-Stamp Token.
Such verification contains:

- Verification whether the TSA signature on the Time-Stamp Token is valid.
- Verification of the TSA certificate.

Subscribers must use secure cryptographic functions for time-stamping requests.
Subscriber obligations are also defined in ZIPPER Terms and Conditions for Time-Stamping Services.

7. Relying Parties Obligation for TSU Public Key Certificate Status Checking

ZIPPER TSA on the Time-Stamp Token.
Such verification contains:

- Verification whether the TSA signature on the Time-Stamp Token is valid.
- Verification of the TSA certificate

Relying Parties should take into account any limitations on usage of the time stamps indicated by the ZIPPER TSA Policy & Practice Statement. If the verification takes place after the end of the validity period of the certificate, the Relying Party should follow the guidance denoted in Annex D of ETSI EN 319 421 ("Long term verification of time-stamps").
Relying parties are expected to use a Trusted List to establish whether the Time-Stamping Unit and the Time stamp

are qualified.

8. Limited Warranty Disclaimer / Limitation of Liability

For warranty and liability limitations, please refer to ZIPPER's Terms and Conditions for Time-Stamping Services published on ZIPPER's website at https://ezipper.ro/en/

9. Applicable Agreements, CP, CPS

Relevant agreements, policies and practice statements are:

- ZIPPER Time-Stamping Authority Policy & Practice Statement
- ZIPPER Terms and Conditions for Time-Stamping Services.

Current versions of all applicable documents are publicly available in the ZIPPER repository at https://pki.ca.ezipper.ro/repository/policies.php

10. Privacy Policy

ZIPPER processes personal data in accordance to the applicable data protection legislation in force. For further details, please refer to ZIPPER Privacy Statement https://pki.ca.ezipper.ro/repository/compliance.php

11. Refund Policy

ZIPPER makes efforts to secure the highest level of quality of its services.

In case the purchase of the Time Stamp is effected via the internet or a telephone the Subscriber has the right to withdraw from the purchase contract. The exercise of this right shall be made in writing by the Subscriber to ZIPPER, by sending an email to suport.pki@ezipper.ro within 14 days from the date of purchase.

12. Repository Licenses, Trust Marks and Audit

ZIPPER's Qualified Time-Stamping Services are registered in the EU Trusted List of Qualified Trust Service Providers: https://esignature.ec.europa.eu/efda/tl-browser/#/screen/home

ZIPPER's Qualified Time-Stamping Services have been audited by Conformity Assessment Body which is accredited in accordance with Regulation (EC) No 765/2008 as competent to carry out conformity assessment of Qualified Trust Services. Audit certificates, which are based on audit results of the conformity assessment conducted pursuant to the eIDAS Regulation and standards, are published on ZIPPER's website at https://esignature.ec.europa.eu/efda/tl-browser/#/screen/home

13. Applicable Law, Complaints, Dispute Resolution

Any disputes related to the Services provided by ZIPPER shall be governed by Romanian law. The The parties shall seek to solve any dispute amicably and if the dispute is not resolved within thirty (30) days after the initial claim, then the Courts of Bucharest, Romania shall have exclusive jurisdiction to hear and resolving it.