

## Registrar Contract

### Annex 1

#### Technical Terms and Conditions

The Registrar's information system, through which the Registrar exchanges information with the EIF information system upon the provision of registration services, must meet the following terms and conditions:

##### 1. Communications equipment

1.1 Communication between the Registrar and EIF's information system takes place via Extensible Provisioning Protocol, the description of which is given in RFC 5730.

1.2 EPP transport environment uses TCP/IP and TLS transport and security in accordance with RFC 5734 requirements.

1.3 EPP commands, which are related to contact data, use EPP expansion in accordance with RFC 5733 requirements. A more precise description is given in the EIF description of EPP *Schema*.

1.4 EPP commands, which are related to contact data, use EPP expansion in accordance with RFC 5732 requirements together with EIF EPP specifications (see Description of the corresponding *Schema*).

1.5 EPP commands, which concern domain names, use EPP expansion pursuant to RFC 5731 requirements, together with specification provided in EIF's EPP Schema.

1.6 The Registrar must submit the Registrant's corresponding application to EIF together with the EPP command, and in case of identity verification as described in clause 4.1.2.2 of the Domain Regulation, also the proof of payment from the Registrars credit institution.

1.7 The Registrant's applications signed by his/her own hand in the presence of the Registrar's representative should be added to the EPP command as scanned documents.

1.8 In case of an application signed digitally by the Registrant, the container must be in ddoc or bdoc format.

1.9 The documents attached to EPP commands must be in pdf, odt, doc, docx or html format and compressed via zip, rar, gz or tar.

## **2. Registrar authentication**

2.1 Each EPP session begins with the authentication of the Registrar, using the user name and password with one EPP command. The username and password are received by the Registrar from EIF upon the conclusion of the Registrar Contract and they are renewed regularly.

2.2 EPP session uses TLS protocol, which presumes that the Registrar has a security certificate issued by EIF. Upon the conclusion of the Registrar Contract or renewal of the certificate, the Registrar submits a certificate inquiry to EIF, on the basis of which the security certificate is signed.

2.3 EIF notifies the Registrar of password and security certificate renewal at least 10 (ten) working days in advance.

## **3. Technical restrictions**

3.1 With the conclusion of the Registrar Contract the Registrar receives the right to simultaneously use up to 4 (four) authentication sessions.

3.2 The Registrant may use a maximum of 4 (four) IP-addresses for sending EPP queries, which are added to the EIF information system firewall to ensure access for queries.

3.3 Inactive session shall be cancelled by EIF after 5 minutes.

3.4 Each EPP query ending with an error message brings with it a session block of up to 1 second.

3.5 A Registrar may not make more than 100 EPP queries per minute.

3.6 EIF guarantees registrars 24/7 availability of EPP service at a level of availability of 99.6%. The Registrar is ensured access to four simultaneous authentication sessions.

#### **4. Generation of object identifiers created in the EIF information system**

4.1 Mandatory identifiers for different database objects (contact persons, domain names and name server sets) are generated by the Registrar in the following manner:

4.2 All entered domain names must correspond to Domain Rules and RFC1035 requirements.

4.3 In the case of all identifiers, lowercase letters are automatically read as capital letters.

4.4 The Registrar receives specific instructions upon the conclusion of the Registrar Contract, regarding the letter combinations that the identifiers generated by him/her must contain.

#### **5. Deletion of unusable contact information and name servers**

5.1 EIF shall delete all contacts in the database that have not been changed for at least 6 (six) months, which are not automatically related to any domain names or name servers.

5.2 EIF shall delete all name server sets, which have not been related to a domain name for a period of at least 6 (six) months, and regarding which there have been no amendment entries made and shall notify the registrar thereof.

#### **6. Testing of name servers**

6.1 EIF regularly tests the technical aspect of all name servers located in the registry. The addition or deletion of a domain name in a zone file does not depend on the testing or its results. If necessary, EIF informs the Registrar of the test results.

#### **7. Name server administration**

7.1 All name servers added to the EIF information system by the Registrar must, prior to their addition to the domain, correctly and authoritatively answer domain name queries related to them.

EIF's EPP Schema descriptions are given on the EIF website.

In the case of possible disagreements and misunderstandings between the Estonian and foreign language versions of this document, the Estonian language text of the corresponding document shall be used as the basis.

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Chairman of the Management Board