



CONFORMITY ASSESSMENT BODY  
EIDAS  
TRUST SERVICE PROVIDERS  
ISO 27001  
LA ISO 27001  
LI ISO 27001  
RM ISO 27005



## Audit Attestation for

### E-TUGRA

**EBG Biliřim Teknolojileri ve Hizmetleri A.ř.**

**Headquarter: Ceyhun Atuf Kansu Cad. Gzde Plaza 130/58  
06520, Ankara - TURKEY**

**Reference: No. 1646-170-AL-V.5**

Dublin, December 11, 2020

To whom it may concern,

This is to confirm that LSTI has audited the CAs of the E-TUGRA without critical findings. This present Audit Attestation Letter is registered under the unique identifier number 1646-170-AL-V.5 and consist of 12 pages. Kindly find here below the details accordingly.

In case of any question, please contact:

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With best regards,

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Philippe Bouchet  
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Identification of the conformity assessment body (CAB):	LSTI SAS, 10 Avenue Anita Conti, 35400 Saint-Malo - France registered under n°453867863 LSTI Worldwide Limited, Clifton House – Fitzwilliam street lower Dublin 2 – Ireland registered under n°582309  Accredited by COFRAC under registration number 5-0546 in accordance with EN ISO/IEC 17065:2012 and in accordance with the eIDAS EU Regulation art. 3 (18) and the ETSI EN 319 403-1 v2.3.1. Detailed scope at <a href="https://www.cofrac.fr/">https://www.cofrac.fr/</a> Attestation of accreditation link: <a href="https://tools.cofrac.fr/annexes/sect5/5-0546.pdf">https://tools.cofrac.fr/annexes/sect5/5-0546.pdf</a>  COFRAC 52 Rue Jacques Hillairet 75012 Paris FRANCE Phone: +33 144688220
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Identification of the trust service provider (TSP):	E-TUGRA Ceyhun Atuf Kansu Cad. Gözde Plaza 130/58 06520, Ankara - TURKEY Registered under n° 53151
Audited sites:	<b>Main Center</b> – CA / RA - Ceyhun Atuf Kansu Cad. Gözde Plaza 130/58 – 06520 Ankara Turkey <b>Back-up data center</b> - Yıldız Teknik Üniv. Davutpaşa Kampüsü Teknoloji Geliştirme Bölgesi - 2. Faz C1 Blok No:C - 104 Esenler / İstanbul - Turkey

Identification of the audited Root-CA:	E-TUGRA CERTIFICATION AUTHORITY	
	Distinguished Name	CN=E-Tugra Certification Authority, OU=E-Tugra Sertifikasyon Merkezi, O=E-Tuğra EBG Bilişim Teknolojileri ve Hizmetleri A.Ş., L=Ankara, C=TR
	SHA-256 fingerprint	B0BFD52BB0D7D9BD92BF5D4DC13DA255C02C542F378365EA893911F55E55F23C
	Certificate Serial number	6A683E9C519BCB53
	Applied policy	None

Identification of the audited sub-CA	E-TUGRA DOMAIN VALIDATED CA	
	Distinguished Name	CN=E-Tugra Domain Validated CA, OU=E-Tuğra Sertifikasyon Merkezi, O=E-Tuğra EBG Bilişim Teknolojileri ve Hizmetleri A.Ş., L=Ankara, C=TR
	SHA-256 fingerprint	CB6FCEE41C55E24774DF02BE35DE6D418E94EF5811F7DB1373AF8809CF707F2A
	Certificate Serial number	3AEFB1B7FA55ADC0
	Applied policy	Policy DVCP of ETSI EN 319 411-1 v.1.1 .1

Identification of the audited sub-CA	E-TUGRA EXTENDED VALIDATED CA	
	Distinguished Name	CN=E-Tugra Extended Validated CA, OU=E-Tuğra Sertifikasyon Merkezi, O=E-Tuğra EBG Bilişim Teknolojileri ve Hizmetleri A.Ş., L=Ankara, C=TR
	SHA-256 fingerprint	CE7ADC197757A52E69A2014CCE03D980632502764742C2923D7380568E2100A6
	Certificate Serial number	7815C206C403B277
	Applied policy	Policy EVCP / EVCG of ETSI EN 319 411-1 v1.1.1

Identification of the audited sub-CA	E-TUGRA ORGANIZATION VALIDATED CA	
	Distinguished Name	CN=E-Tugra Organization Validated CA, OU=E-Tuğra Sertifikasyon Merkezi, O=E-Tuğra EBG Bilişim Teknolojileri ve Hizmetleri A.Ş., L=Ankara, C=TR
	SHA-256 fingerprint	114753E88D000E7599615A9907E26B73B6D851317FF2B27ACA9DB8FC505692A7
	Certificate Serial number	60D6C12084607AF0
	Applied policy	Policy OVCP of ETSI EN 319 411-1 v1.1.1

Identification of the audited sub-CA	TRUSTSAFE DOMAIN VALIDATED CA	
	Distinguished Name	CN=TrustSafe Domain Validated CA, OU=SSL Department, O=Isimtescil Bilisim Anonim Sirketi, L=Istanbul, C=TR
	SHA-256 fingerprint	3ED0AE67A1432C83D82101DE69B2EE5E7F20302709D9579073A302DA90F48533
	Certificate Serial number	5A1BDFDCB9826A12
	Applied policy	Policy DVCP of ETSI EN 319 411-1 v1.1.1

Identification of the audited sub-CA	TRUSTSAFE ORGANIZATION VALIDATED CA	
	Distinguished Name	CN=TrustSafe Organization Validated CA, OU=SSL Department, O=Isimtescil Bilisim Anonim Sirketi, L=Istanbul, C=TR
	SHA-256 fingerprint	89E80A3ED72DF73E58DB23744E2CA3ECBC225F750A61D6BE268124F7C95E465B
	Certificate Serial number	2CB328C9D86A55C3
	Applied policy	Policy OVCP of ETSI EN 319 411-1 v1.1.1

Identification of the audited root-CA	E-TUGRA GLOBAL ROOT CA RSA V3	
	Distinguished Name	CN=E-Tugra Global Root CA RSA v3, OU=E-Tugra Trust Center, O=E-Tugra EBG A.S., L=Ankara, C=TR
	SHA-256 fingerprint	EF66B0B10A3CDB9F2E3648C76BD2AF18EAD2BFE6F117655E28C4060DA1A3F4C2
	Certificate Serial number	0D4DC5CD16229596087EB80B7F150634FB791034
	Applied policy	None

Identification of the audited sub-CA	E-TUGRA EXTENDED VALIDATED CA RSA V3	
	Distinguished Name	CN=E-Tugra Extended Validated CA RSA v3, OU=E-Tugra Trust Center, O=E-Tugra EBG A.S., L=Ankara, C=TR
	SHA-256 fingerprint	5F4F81D885653A503A9E4D23561949BEED9A5B7234985EEC230020BE3D791A81
	Certificate Serial number	3138FF98B1ACCC72BDFBC65D2BD8CBC83F35FECF
	Applied policy	Policy EVCP / EVCG of ETSI EN 319 411-1 v1.1.1

Identification of the audited sub-CA	E-TUGRA ORGANIZATION VALIDATED CA RSA V3	
	Distinguished Name	CN=E-Tugra Organization Validated CA RSA v3, OU=E-Tugra Trust Center, O=E-Tugra EBG A.S., L=Ankara, C=TR
	SHA-256 fingerprint	D4C4CAF9A1B2E20AAF77E93951EFB6973A3BAC9D261D6746AAC4A49E0785AADD
	Certificate Serial number	55E1B4439DB2A1B7121348D635AA7712B6DF42B4
	Applied policy	Policy OVCP of ETSI EN 319 411-1 v1.1.1

Identification of the audited sub-CA	E-TUGRA DOMAIN VALIDATED CA RSA V3	
	Distinguished Name	CN=E-Tugra Domain Validated CA RSA v3, OU=E-Tugra Trust Center, O=E-Tugra EBG A.S., L=Ankara, C=TR
	SHA-256 fingerprint	9DC946CD4662BE72B3597050EE3A317D837ACC7C0FCE5154D46885E0FEF48939
	Certificate Serial number	4928FE656597408D4D7A242C2E91BBE7FDCB0BD7
	Applied policy	Policy DVCP of ETSI EN 319 411-1 v1.1.1

Identification of the audited root-CA	E-TUGRA GLOBAL ROOT CA ECC V3	
	Distinguished Name	CN=E-Tugra Global Root CA ECC v3, OU=E-Tugra Trust Center, O=E-Tugra EBG A.S., L=Ankara, C=TR
	SHA-256 fingerprint	873F4685FA7F563625252E6D36BCD7F16FC24951F264E47E1B954F4908CDCA13
	Certificate Serial number	2646197731E14F6F2836DE395186E6D4978822C1
	Applied policy	None

Identification of the audited sub-CA	E-TUGRA EXTENDED VALIDATED CA ECC V3	
	Distinguished Name	CN=E-Tugra Extended Validated CA ECC v3, OU=E-Tugra Trust Center, O=E-Tugra EBG A.S., L=Ankara, C=TR
	SHA-256 fingerprint	80D54EE54CA5648C0EA14FA5DF9535CA536155CE900267CBE9ACB39E182EDC59
	Certificate Serial number	7BF181E3251FABB74CB852A953628178DD7DD194
	Applied policy	Policy EVCP / EVCG of ETSI EN 319 411-1 v1.1.1

Identification of the audited sub-CA	E-TUGRA ORGANIZATION VALIDATED CA ECC V3	
	Distinguished Name	CN=E-Tugra Organization Validated CA ECC v3, OU=E-Tugra Trust Center, O=E-Tugra EBG A.S., L=Ankara, C=TR
	SHA-256 fingerprint	87EC80B7062053FE5ACD4ABE84B01EBF3404A64C6B27CEAB531EA75090AA43F1
	Certificate Serial number	15533CF8967C68151E89AA3886BF4B927E3E167E
	Applied policy	Policy OVCP of ETSI EN 319 411-1 v1.1.1

Identification of the audited sub-CA	E-TUGRA DOMAIN VALIDATED CA ECC V3	
	Distinguished Name	CN=E-Tugra Domain Validated CA ECC v3, OU=E-Tugra Trust Center, O=E-Tugra EBG A.S., L=Ankara, C=TR
	SHA-256 fingerprint	51101FAA963129319A4A07753FB3BAD3901CBACF6F19039FA0E05635AFAD58FC
	Certificate Serial number	4FEEB0CC9B2B77DB5420CD4D647509E3B3B32ADE
	Applied policy	Policy DVCP of ETSI EN 319 411-1 v1.1.1

The audit was performed as full annual audit at the TSP’s location in Ankara, Turkey. It took place from 2020-09-21 until 2020-09-25 and covered the period from 2019-07-26 until 2020-07-25. The audit was performed as a full audit and has been documented in a specific report. The next assessment has to be successfully carried out before 2021-07-25 in order to issue a new audit attestation letter as stated in the corresponding certificates issued by LSTI.

The audit was performed according to the European Standards “ETSI EN 319 411-1, V1.2.2 (2018-04)” and “ETSI EN 319 401, V2.2.1 (2018-04)” as well as CA Browser Forum Requirements “EV SSL Certificate Guidelines, version 1.7.1” and “Baseline Requirements, version 1.6.7” considering the requirements of the “ETSI EN 319 403-1, V2.3.1 (2020-06)” and “ETSI TS 119 403-2 V1.2.4 (2020-11)” for the Trust Service Provider Conformity Assessment.

The audit was based on the following policy and practice statement documents of the TSP:

1. [CP] E-TUGRA Certificate Policy, version 4.6, as of 2020-03-30
2. [CPS] E-TUGRA Certification Practice Statement, version 4.6, as of 2020-03-30
3. E-TUGRA PDS (PKI Disclosure Statement), version 1.0, as of 2018/01/26

The TSP named the Sub-CAs that have been issued by the aforementioned Root-CA, that are listed in table 1 and that been covered in this audit.

No major non-conformities have been identified during the audit.

In the following areas, non-conformities have been identified throughout the audit:

**Findings with regard to ETSI EN 319 401:**

- [REQ-6.1-01] Documentation shall be improved

This attestation is based on the template version 2.6 as of 2020-11-11, that was approved for the use of ACAB-c.

- [REQ-7.8-06] Implementation shall be improved
- [REQ-6.1-01] Documentation shall be improved
- [REQ-6.3-10] Documentation shall be improved
- [REQ-7.9-10] Implementation shall be improved

**Findings with regard to ETSI EN 319 411-1:**

- [REV-6.2.4-09] Documentation shall be improved
- [OVR-5.2-03] Documentation shall be improved
- [GEN-6.6.1-02] Documentation shall be improved
- [OVR-5.2-07 [PTC]] Documentation shall be improved

For all minor non-conformities, remediation has been scheduled within three months after the onsite audit at latest and will be covered by a corresponding audit.

This Audit Attestation also covers the following incidents as documented under

E-TUGRA: Incident description:

[https://bugzilla.mozilla.org/show\\_bug.cgi?id=1659426](https://bugzilla.mozilla.org/show_bug.cgi?id=1659426)

The remediation measures taken by E-TUGRA as described on Bugzilla (see link above) have been checked by the auditors and properly addressed the incident. The long-term effectiveness of the measures will be rechecked at the next regular audit.



<b>Distinguished Name</b>	<b>SHA-256 fingerprints</b>	<b>Applied policy</b>	<b>EKU</b>
CN=E-Tugra Domain Validated CA, OU=E-Tuğra Sertifikasyon Merkezi, O=E-Tuğra EBG Bilişim Teknolojileri ve Hizmetleri A.Ş., L=Ankara, C=TR	CB6FCEE41C55E24774DF02BE35DE6D418E94EF5811F7DB1373AF8809CF707F2A	Policy DVCP of ETSI EN 319 411-1 v1.1.1	N.A
CN=E-Tugra Extended Validated CA, OU=E-Tuğra Sertifikasyon Merkezi, O=E-Tuğra EBG Bilişim Teknolojileri ve Hizmetleri A.Ş., L=Ankara, C=TR	CE7ADC197757A52E69A2014CCE03D980632502764742C2923D7380568E2100A6	Policy EVCP of ETSI EN 319 411-1 v1.1.1	N.A
CN=E-Tugra Organization Validated CA, OU=E-Tuğra Sertifikasyon Merkezi, O=E-Tuğra EBG Bilişim Teknolojileri ve Hizmetleri A.Ş., L=Ankara,C=TR	114753E88D000E7599615A9907E26B73B6D851317FF2B27ACA9DB8FC505692A7	Policy OVCP of ETSI EN 319 411-1 v1.1.1	N.A
CN=TrustSafe Domain Validated CA, OU=SSL Department, O=Isimtescil Bilisim Anonim Sirketi, L=Istanbul, C=TR	3ED0AE67A1432C83D82101DE69B2EE5E7F20302709D9579073A302DA90F48533	Policy DVCP of ETSI EN 319 411-1 v1.1.1	N.A
CN=TrustSafe Organization Validated CA, OU=SSL Department, O=Isimtescil Bilisim Anonim Sirketi, L=Istanbul, C=TR	89E80A3ED72DF73E58DB23744E2CA3ECBC225F750A61D6BE268124F7C95E465B	Policy OVCP of ETSI EN 319 411-1 v1.1.1	N.A

CN=E-Tugra Extended Validated CA RSA v3, OU=E-Tugra Trust Center, O=E-Tugra EBG A.S., L=Ankara, C=TR	5F4F81D885653A503A9E4D23561949BEED9A5B7234985EEC230020BE3D791A81	Policy EVCP of ETSI EN 319 411-1 v1.1.1	N.A
CN=E-Tugra Organization Validated CA RSA v3, OU=E-Tugra Trust Center, O=E-Tugra EBG A.S., L=Ankara, C=TR	D4C4CAF9A1B2E20AAF77E93951EFB6973A3BAC9D261D6746AAC4A49E0785AADD	Policy OVCP of ETSI EN 319 411-1 v1.1.1	N.A
CN=E-Tugra Domain Validated CA RSA v3, OU=E-Tugra Trust Center, O=E-Tugra EBG A.S., L=Ankara, C=TR	9DC946CD4662BE72B3597050EE3A317D837ACC7C0FCE5154D46885E0FEF48939	Policy DVCP of ETSI EN 319 411-1 v1.1.1	N.A
CN=E-Tugra Extended Validated CA ECC v3, OU=E-Tugra Trust Center, O=E-Tugra EBG A.S., L=Ankara, C=TR	80D54EE54CA5648C0EA14FA5DF9535CA536155CE900267CBE9ACB39E182EDC59	Policy EVCP of ETSI EN 319 411-1 v1.1.1	N.A
CN=E-Tugra Organization Validated CA ECC v3, OU=E-Tugra Trust Center, O=E-Tugra EBG A.S., L=Ankara, C=TR	87EC80B7062053FE5ACD4ABE84B01EBF3404A64C6B27CEAB531EA75090AA43F1	Policy OVCP of ETSI EN 319 411-1 v1.1.1	N.A

is attestation is based on the template version 2.6 as of 2020-11-11, that was approved for the use of ACAB-c.

CN=E-Tugra Domain Validated CA ECC v3, OU=E-Tugra Trust Center, O=E-Tugra EBG A.S., L=Ankara, C=TR	51101FAA963129319A4A07753FB3BAD3901CBACF6F19039FA0E05635AFAD58FC	Policy DVCP of ETSI EN 319 411-1 v1.1.1	N.A
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**Table 1: Sub-CA's issued by the Root-CA or its Sub-CA's**

### Modifications record

Version	Issuing Date	Changes
Version 1	2020-10-22	Initial attestation
Version 2	2020-10-22	Minor editorial changes
Version 3	2020-11-12	Minor editorial changes
Version 4	2020-11-12	Minor editorial changes
Version 5	2020-12-11	Format of the SHA 256 fingerprint

**End of the audit attestation letter.**