



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



Audit Attestation for

E-TUGRA

EBG Bilişim Teknolojileri ve Hizmetleri A.Ş.

Headquarter: Ceyhun Atuf Kansu Cad. Gözde Plaza 130/58

06520, Ankara - TURKEY

Reference: No. 1646-170-AL-V.4

“Dublin, November 12, 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.4 and consist of 13 pages. Kindly find here below the details accordingly.

In case of any question, please contact:

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With best regards,

Philippe Bouchet
Director

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<p>Identification of the conformity assessment body (CAB):</p>	<p>LSTI¹ 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</p> <p>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 v2.2.2. Detailed scope at https://www.cofrac.fr/ Attestation of accreditation link: https://tools.cofrac.fr/annexes/sect5/5-0546.pdf²</p> <p>COFRAC 52 Rue Jacques Hillairet 75012 Paris FRANCE Phone: +33 144688220</p>	
<p>Identification of the trust service provider (TSP):</p>	<p>E-TUGRA Ceyhun Atuf Kansu Cad. Gözde Plaza 130/58 06520, Ankara - TURKEY Registered under n° 53151</p>	
<p>Audited sites:</p>	<p>Main Center – CA / RA - Ceyhun Atuf Kansu Cad. Gözde Plaza 130/58 – 06520 Ankara Turkey Back-up data center - Yıldız Teknik Üniv. Davutpaşa Kampüsü Teknoloji Geliştirme Bölgesi - 2. Faz C1 Blok No:C - 104 Esenler / İstanbul - Turkey</p>	
<p>Identification of the audited Root-CA:</p>	<p>E-TUGRA CERTIFICATION AUTHORITY</p>	
	<p>Distinguished Name</p>	<p>CN=E-Tugra Certification Authority,OU=E-Tugra Sertifikasyon Merkezi,O=E-Tuğra EBG Bilişim Teknolojileri ve Hizmetleri A.Ş.,L=Ankara,C=TR</p>
	<p>SHA-256 fingerprint</p>	<p>B0BFD52BB0D7D9BD92BF5D4DC13DA255C02C542F378365EA893911F55E55F23C</p>
	<p>Certificate Serial number</p>	<p>6A683E9C519BCB53</p>
	<p>Applied policy</p>	<p>None</p>

¹ in the following termed shortly "CAB"

² URL to the accreditation certificate hosted by the national accreditation body

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 & ETSI EN 319 411-2 v2.1.1

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	3ED0AE67A1432C83D82101DE69B2EE 5E7F20302709D9579073A302DA90F48533
	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	89E80A3ED72DF73E58DB23744E2CA3ECBC225F 750A61D6BE268124F7C95E465B
	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	EF66B0B10A3CDB9F2E3648C76BD2AF18EAD2B FE6F117655E28C4060DA1A3F4C2
	Certificate Serial number	0D4DC5CD16229596087EB80B7F150634FB7910 34
	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	5F4F81D885653A503A9E4D23561949BEED9A5 B7234985EEC230020BE3D791A81
	Certificate Serial number	3138FF98B1ACCC72BDFBC65D2BD8CBC83F35F ECF
	Applied policy	Policy EVCP / EVCG of ETSI EN 319 411-1 v1.1.1 & ETSI EN 319 411-2 v2.1.1

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	D4C4CAF9A1B2E20AAF77E93951EFB6973A3BA C9D261D6746AAC4A49E0785AADD
	Certificate Serial number	55E1B4439DB2A1B7121348D635AA7712B6DF4 2B4
	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	9DC946CD4662BE72B3597050EE3A317D83 7ACC7C0FCE5154D46885E0FEF48939
	Certificate Serial number	4928FE656597408D4D7A242C2E91BBE7FD CB0BD7
	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	873F4685FA7F563625252E6D36BCD7F16FC249 51F264E47E1B954F4908CDCA13
	Certificate Serial number	2646197731E14F6F2836DE395186E6D4978822 C1
	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	80D54EE54CA5648C0EA14FA5DF9535CA5361 55CE900267CBE9ACB39E182EDC59
	Certificate Serial number	7BF181E3251FABB74CB852A9536281 78DD7DD194
	Applied policy	Policy EVCP / EVCG of ETSI EN 319 411-1 v1.1.1 & ETSI EN 319 411-2 v2.1.1

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	87EC80B7062053FE5ACD4ABE84B01EBF3 404A64C6B27CEAB531EA75090AA43F1
	Certificate Serial number	15533CF8967C68151E89AA3886 BF4B927E3E167E
	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	51101FAA963129319A4A07753FB3BA D3901CBACF6F19039FA0E05635AFAD58FC
	Certificate Serial number	4FEEB0CC9B2B77DB5420CD4D6 47509E3B3B32ADE
	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 "CAB name".

The audit was performed according to the European Standards "ETSI EN 319 411-2, V2.2.2 (2018-04)", "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
- [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

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.

Distinguished Name	SHA-256 fingerprints	Applied policy	EKU
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	CB6FCEE41C55E24774DF02BE35DE6D418E94EF581 1F7DB1373AF8809CF707F2A	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	CE7ADC197757A52E69A2014CCE03D980632502764 742C2923D7380568E2100A6	Policy EVCP / EVCG of ETSI EN 319 411-1 v1.1.1 & ETSI EN 319 411-2 v2.1.1	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	114753E88D000E7599615A9907E26B73B6D851317 FF2B27ACA9DB8FC505692A7	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	3ED0AE67A1432C83D82101DE69B2EE5E7F20302709D9 579073A302DA90F48533	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	89E80A3ED72DF73E58DB23744E2CA3ECBC225F750A61 D6BE268124F7C95E465B	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	5F4F81D885653A503A9E4D23561949BEED9A5B72 34985EEC230020BE3D791A81	Policy EVCP / EVCG of ETSI EN 319 411-1 v1.1.1 & ETSI EN 319 411-2 v2.1.1	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	D4C4CAF9A1B2E20AAF77E93951EFB6973A3BAC9D 261D6746AAC4A49E0785AADD	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	9DC946CD4662BE72B3597050EE3A317D837ACC7C 0FCE5154D46885E0FEF48939	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	80D54EE54CA5648C0EA14FA5DF9535CA536155CE9 00267CBE9ACB39E182EDC59	Policy EVCP / EVCG of ETSI EN 319 411-1 v1.1.1 & ETSI EN 319 411-2 v2.1.1	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	87EC80B7062053FE5ACD4ABE84B01EBF3404A64C 6B27CEAB531EA75090AA43F1	Policy OVCP of ETSI EN 319 411-1 v1.1.1	N.A

CN=E-Tugra Domain Validated CA ECC v3, OU=E-Tugra Trust Center, O=E-Tugra EBG A.S., L=Ankara, C=TR	51101FAA963129319A4A07753FB3BAD3901CBACF 6F19039FA0E05635AFAD58FC	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

End of the audit attestation letter.