



REPORT OF THE INDEPENDENT ACCOUNTANT

To the management of SSL Corp d/b/a SSL.com (“SSL.com”):

Scope

We have examined SSL.com management’s [assertion](#) that for its Certification Authority (“CA”) operations in Houston, Texas, for its CAs enumerated in [Attachment B](#), SSL.com has:

- disclosed its extended validation SSL (“EV SSL”) certificate lifecycle management business practices in the applicable versions of its SSL.com Certificate Policy and Certification Practice Statement (“CP/CPS”) as enumerated in [Attachment A](#), including its commitment to provide EV SSL certificates in conformity with the CA/Browser Forum Guidelines on its [repository](#), and provided such services in accordance with its disclosed practices
- maintained effective controls to provide reasonable assurance that:
 - the integrity of keys and EV SSL certificates it manages is established and protected throughout their lifecycles; and
 - EV SSL subscriber information is properly authenticated

throughout the period July 1, 2023 to June 30, 2024 based on the [WebTrust Principles and Criteria for Certification Authorities - Extended Validation SSL v1.8](#).

Certification Authority’s Responsibilities

SSL.com’s management is responsible for its assertion, including the fairness of its presentation, and the provision of its described services in accordance with the [WebTrust Principles and Criteria for Certification Authorities - Extended Validation SSL v1.8](#).

Independent Accountant’s Responsibilities

Our responsibility is to express an opinion on management’s assertion based on our examination. Our examination was conducted in accordance with attestation standards established by the American Institute of Certified Public Accountants. Those standards require that we plan and perform the examination to obtain reasonable assurance about whether management’s assertion is fairly stated, in all material respects. An examination involves performing procedures to obtain evidence about management’s assertion. The nature, timing, and extent of the procedures selected depend on our judgment, including an assessment of the risks of material misstatement of management’s assertion, whether due to fraud or error. We believe that the evidence we obtained is sufficient and appropriate to provide a reasonable basis for our opinion.

We are required to be independent and to meet our other ethical responsibilities in accordance with relevant ethical requirements relating to the engagement.

The relative effectiveness and significance of specific controls at SSL.com and their effect on assessments of control risk for subscribers and relying parties are dependent on their interaction

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with the controls and other factors present at individual subscriber and relying party locations. Our examination did not extend to controls at individual subscriber and relying party locations and we have not evaluated the effectiveness of such controls.

Inherent Limitations

There are inherent limitations in the effectiveness of any system of internal control, including the possibility of human error and the circumvention of controls. For example, because of their nature, controls may not prevent, or detect unauthorized access to systems and information, or failure to comply with internal and external policies or requirements. Also, the projection to the future of any conclusions based on our findings is subject to the risk that controls may become ineffective.

Independent Accountant's Opinion

In our opinion, management's assertion, as referred to above, is fairly stated, in all material respects.

This report does not include any representation as to the quality of SSL.com's services other than its CA operations in Houston, Texas, nor the suitability of any of SSL.com's services for any customer's intended purpose.

Other Matter

SSL.com management's assertion notes all issues disclosed on Bugzilla from July 1, 2023 through the date of this report. However, those instances are not relevant to the CAs enumerated in [Attachment B](#) and applicable to the [WebTrust Principles and Criteria for Certification Authorities - Extended Validation SSL v1.8](#).

Use of the WebTrust Seal

SSL.com's use of the WebTrust for Certification Authorities - Extended Validation SSL Seal constitutes a symbolic representation of the contents of this report and it is not intended, nor should it be construed, to update this report or provide any additional assurance.

BDO USA

September 4, 2024



**ATTACHMENT A - CERTIFICATE POLICY/CERTIFICATION PRACTICE STATEMENT
VERSIONS IN-SCOPE**

Policy Name	Policy Version	Policy Date
SSL.com Certificate Policy and Certification Practice Statement	Version 1.17	May 11, 2023
SSL.com Certificate Policy and Certification Practice Statement	Version 1.18	August 22, 2023
SSL.com Certificate Policy and Certification Practice Statement	Version 1.19	September 19, 2023
SSL.com Certificate Policy and Certification Practice Statement	Version 1.20	April 18, 2024



ATTACHMENT B - IN-SCOPE CAs

Root CAs					
Subject	Serial Number	SHA256 Thumbprint	SPKI SHA256	Valid From	Valid To
C=US, ST=Texas, L=Houston, O=SSL Corporation, CN=CertLock EV Root Certification Authority ECC	2E 76 4B E9 E9 15 34 58	681B729D0267B2B5781645153F3F9351F9C5E4F9AB28A5AC1B975CBB43237270	DA 50 C9 1F B4 05 56 C4 AA 77 5E 82 FF C9 5D 0E 04 BC 2F 0D BB 1A B6 D8 FF 16 0C AA 36 D3 B1 8E	2/12/2016	2/12/2041
C=US, ST=Texas, L=Houston, O=SSL Corporation, CN=CertLock EV Root Certification Authority RSA	7C FD AE B1 74 65 EE F1	0B4DF5C46F414D455ABE028205FC37F1F989A8EE31920E3F929DC82337108014	3B B2 05 9C 6F 2D 49 C9 AD A5 24 84 6B 16 C6 DE BC C9 7B 51 FB 62 7E F9 3F F3 84 71 F5 43 E5 F3	2/12/2016	2/12/2041
C=US, ST=Texas, L=Houston, O=SSL Corporation, CN=CertLock Root Certification Authority ECC	38 00 94 EB FC E2 DB F4	BAA4F4E23C70DC1DE619CC3DDEF250A1D5073D1B9B0EBC6B64C046579871E1A3	96 D0 0C 2F 31 44 88 91 CB B2 3E E3 21 8D 3A B9 4A BD 6C 1C 81 D4 D6 27 B1 C9 7C 69 9E BF 88 AE	2/12/2016	2/12/2041
C=US, ST=Texas, L=Houston, O=SSL Corporation, CN=CertLock Root Certification Authority RSA	2E 06 F0 8D FA FF 1E 9B	167241D2019BDDDB4DE0AD7C5CA8499CC6D06E40301E1007875006C37D4BFD5BD	4D FD 2C BF 1E 31 DB 37 DB 58 7D A4 00 C7 E2 AC EF F6 10 DB C9 A9 BF 5C 9B 52 C5 CD 80 98 E2 D3	2/12/2016	2/12/2041
C=US, ST=Texas, L=Houston, O=Cyberdata LLC, CN=ecossll.com Root Certification Authority ECC R1	10 88 83 2D 3F FF E9 00	024F53114851ADB33EACC0F07C75CFE66E95BD6360627272E062FD26683A5E6C	56 D0 A4 CA 61 E3 9D E9 F3 69 94 08 B5 CA 98 4D 91 57 49 F7 80 D2 BE 20 42 18 6E 62 EE A0 1D 66	5/31/2017	5/30/2042
C=US, ST=Texas, L=Houston, O=Cyberdata LLC, CN=ecossll.com Root Certification Authority RSA R1	45 CA BA 64 C1 8F 49 BE	D72FD588F611A247E440A72A5B7D0772E8F846E456E64FCFFD44BEAF14DFC2D9	16 95 ED 67 97 52 FA 53 8B 1D CA 21 DD C5 12 BD 39 D8 76 92 C0 66 37 34 C2 9B 6F 7B 48 56 46 38	5/31/2017	5/30/2042



Root CAs					
Subject	Serial Number	SHA256 Thumbprint	SPKI SHA256	Valid From	Valid To
C=US, ST=Texas, L=Houston, O=SSL Corporation, CN=SSL.com Root Certification Authority ECC	75 E6 DF CB C1 68 5B A8	3417BB06CC6007DA1B961C920B8AB4CE3FAD820E4AA30B9ACBC4A74EBDCEBC65	A3 20 F4 D5 34 D7 BE 97 C1 AE 8D D0 49 97 35 BC 89 5C 32 3A DD 2D 38 8B FC CF 66 2C 23 D7 F9 9A	2/12/2016	2/12/2041
C=US, ST=Texas, L=Houston, O=SSL Corporation, CN=SSL.com Root Certification Authority ECC R2	21 E2 5B 95 AD 24 99 74	FECF02BC40C1C8846478D022789CB8BE031B4BB7CE477B712CAE6BE06DC8A452	E2 97 29 01 3B 7B 50 4C 48 5C EE 0F C6 32 41 37 C6 F8 BA 17 3D 39 A9 77 29 30 BE 96 56 47 65 08	5/31/2017	5/30/2042
C=US, ST=Texas, L=Houston, O=SSL Corporation, CN=SSL.com EV Root Certification Authority ECC	2C 29 9C 5B 16 ED 05 95	22A2C1F7BDED704CC1E701B5F408C310880FE956B5DE2A4A4F99C873A25A7C8	34 87 67 CD AD 3B DD 28 B2 B8 DD 53 51 AE C3 0C 68 CE C5 CD 69 D2 76 DF 38 27 DB C4 F5 80 64 64	2/12/2016	2/12/2041
C=US, ST=Texas, L=Houston, O=SSL Corporation, CN=SSL.com EV Root Certification Authority ECC R2	1E A0 54 BB 00 4F 1E F2	5D6DE7323F82EC96A1DC3ACEADF2685696EDC2431DB271C4C917FCE1CDB50299	95 62 FE 00 5C CA AA 06 BE 27 52 F8 45 E3 B3 48 57 F9 50 CA BE 5A C1 50 F9 53 81 F2 A8 06 30 F3	5/31/2017	5/30/2042
C=US, ST=Texas, L=Houston, O=SSL Corporation, CN=SSL.com EV Root Certification Authority RSA R2	56 B6 29 CD 34 BC 78 F6	2E7BF16CC22485A7BBE2AA8696750761B0AE39BE3B2FE9D0CC6D4EF73491425C	7C D6 7C 24 8F 69 D8 3F C2 F9 BB 01 DC B1 F7 AD 67 A3 63 D0 46 04 37 96 D0 98 4C 3A 23 1F 6B B0	5/31/2017	5/30/2042
C=US, ST=Texas, L=Houston, O=SSL Corporation, CN=SSL.com EV Root Certification Authority RSA R2	4E F2 32 17 6D 9B EA 14	89EFEB25096BA4CCD40AF4FB8756F0A4843995974822020914C4E859D932B7F3	7C D6 7C 24 8F 69 D8 3F C2 F9 BB 01 DC B1 F7 AD 67 A3 63 D0 46 04 37 96 D0 98 4C 3A 23 1F 6B B0	4/6/2017	4/5/2042



Root CAs					
Subject	Serial Number	SHA256 Thumbprint	SPKI SHA256	Valid From	Valid To
C=US, ST=Texas, L=Houston, O=SSL Corporation, CN=SSL.com EV Root Certification Authority RSA R3	24 CC 8D FC BE 53 22 03	ACC733F67845FF98F7FAB106A3155014EB2C93685860BC9C5356AA52865E530A	FE 5D 9F A5 92 7A 67 EF 64 A3 63 9C 1F D8 EA E2 F1 6E 40 F0 1C 57 53 88 39 1D 60 8D 76 F9 DF 53	5/31/2017	5/30/2042
C=US, ST=Texas, L=Houston, O=SSL Corporation, CN=SSL.com Root Certification Authority RSA	7B 2C 9B D3 16 80 32 99	85666A562EE0BE5CE925C1D8890A6F76A87EC16D4D7D5F29EA7419CF20123B69	D1 C4 53 77 EB DC D6 18 CD 16 51 DC 2E 02 C2 1D 75 1E 5A A9 FC D1 B3 43 1F F6 EC F6 A3 13 48 FA	2/12/2016	2/12/2041
C=US, ST=Texas, L=Houston, O=SSL Corporation, CN=SSL.com Root Certification Authority RSA R2	5B 37 98 CA 35 9B 9B EE	69305226F30AECB43C95127C3AE243097030C1B3E87504D0A60B2A03F0009DF7	E1 2E C3 18 9C FA E9 F2 01 64 ED 19 71 22 D5 98 DC AC 0D A8 49 14 1C 11 83 AD 54 31 C9 1A 6B 1A	5/31/2017	5/30/2042
C=US, O=SSL Corporation, CN=SSL.com TLS RSA Root CA 2022	6F BE DA AD 73 BD 08 40 E2 8B 4D BE D4 F7 5B 91	8FAF7D2E2CB4709BB8E0B33666BF75A5DD45B5DE480F8EA8D4BFE6BEBC17F2ED	2B CF 55 3A 66 F5 70 90 0D DD 32 BA 6D FE 1E CC 06 C9 18 2D 66 2D C1 B6 0E 1F 7B 76 7C 2B DD 54	8/25/2022	8/19/2046
C=US, O=SSL Corporation, CN=SSL.com TLS ECC Root CA 2022	14 03 F5 AB FB 37 8B 17 40 5B E2 43 B2 A5 D1 C4	C32FFD9F46F936D16C3673990959434B9AD60AAFBB9E7CF33654F144CC1BA143	1B F0 0D 5C 8F 13 C0 94 DD 17 E0 05 04 CF 08 88 85 0F 12 FD 06 7F A1 F9 2C 0F DB F6 0B 86 E3 21	8/25/2022	8/19/2046



Cross-Signed CAs					
Subject	Serial Number	SHA256 Thumbprint	SPKI SHA256	Valid From	Valid To
C = US, ST = Texas, L = Houston, O = SSL Corporation, CN = SSL.com EV Root Certification Authority RSA R2	62 F8 12 A3 5F 52 BD 74 B7 18 D6 10 AC 4B 47 83	B97176F21B6ED64609267B2D1A2A9FAF0C4DEBD44644DC85EB6AE986FC867D56	7C D6 7C 24 8F 69 D8 3F C2 F9 BB 01 DC B1 F7 AD 67 A3 63 D0 46 04 37 96 D0 98 4C 3A 23 1F 6B B0	9/11/2018	9/11/2023
C = US, ST = Texas, L = Houston, O = SSL Corporation, CN = SSL.com Root Certification Authority RSA	E4 27 04 95 F6 8C 91 D6 D0 EC 7B 49 4E A4 DF 1C	ACF718DF838E640051777D1947F51620E8D804BA186553AE52FC9811B5D34B8B	D1 C4 53 77 EB DC D6 18 CD 16 51 DC 2E 02 C2 1D 75 1E 5A A9 FC D1 B3 43 1F F6 EC F6 A3 13 48 FA	9/11/2018	9/11/2023
C = US, ST = Texas, L = Houston, O = SSL Corporation, CN = SSL.com EV Root Certification Authority ECC	7F A3 2B 28 B1 C9 AB 6C	60EF412EABE7C3FC6399EED1B633B777747515B29D721B963DD258BC498AB292	34 87 67 CD AD 3B DD 28 B2 B8 DD 53 51 AE C3 0C 68 CE C5 CD 69 D2 76 DF 38 27 DB C4 F5 80 64 64	2/14/2019	2/12/2027
C = US, ST = Texas, L = Houston, O = SSL Corporation, CN = SSL.com Root Certification Authority ECC	3F 2C 60 8C 5C F9 63 21	06B9722A699C57DFF1869F430B479BB6EB49AAE1184EAC9C5325C1334A34EA4C	A3 20 F4 D5 34 D7 BE 97 C1 AE 8D D0 49 97 35 BC 89 5C 32 3A DD 2D 38 8B FC CF 66 2C 23 D7 F9 9A	2/14/2019	2/12/2027
CN=SSL.com TLS ECC Root CA 2022, O=SSL Corporation, C=US	3B 0E 70 1D 53 CB B7 14 50 A2 31 96 0F 41 99 9C	AC25863BA43B96AEA864BA2AA256022AF9D38DC93E97437F3DE603CC487306CB	1B F0 0D 5C 8F 13 C0 94 DD 17 E0 05 04 CF 08 88 85 0F 12 FD 06 7F A1 F9 2C 0F DB F6 0B 86 E3 21	11/7/2023	11/3/2038



Cross-Signed CAs					
Subject	Serial Number	SHA256 Thumbprint	SPKI SHA256	Valid From	Valid To
CN=SSL.com TLS RSA Root CA 2022, O=SSL Corporation, C=US	32 6F 64 E9 70 34 C6 F7 A3 94 6A 50 A3 ED 04 FE	6BCB147D41E9B577F40002A5C4BA08846737805AAFE8554DD0E72204F6007BA7	2B CF 55 3A 66 F5 70 90 0D DD 32 BA 6D FE 1E CC 06 C9 18 2D 66 2D C1 B6 0E 1F 7B 76 7C 2B DD 54	11/7/2023	11/3/2038
C=US, O=SSL Corporation, CN=SSL.com EV TLS Issuing ECC CA R1	A5 CD B3 B6 45 32 1F 63 F5 4F A6 CB 45 78 91 BC	3B8C379F23FA22256A0E1F44D92F0A0FC770BCDE9F8557F160149BCDA22EDE78	70 2A B0 CD E3 26 71 8F 46 03 0A 06 D4 21 60 B8 45 07 3C 8F 0C 10 69 E0 D6 25 A6 7C F8 20 E8 7E	6/21/2024	12/31/2028
C=US, O=SSL Corporation, CN=SSL.com EV TLS Issuing RSA CA R1	AE 6A 94 6A 4C 88 DE 0F B5 03 22 BF 40 D9 93 D2	1DAF812025E2376279C074050EE35E1B2D909F8B57A00F82B7B5D28120C3582A	DD E6 CD 5A 44 7A AA 14 AC 57 39 37 5A 46 D7 AA 65 B4 6A B7 8D C4 2F BE E9 47 94 FB E1 00 F4 8A	6/21/2024	12/31/2028
C=US, O=SSL Corporation, CN=SSL.com EV TLS Transit ECC CA R2	75 E0 A2 E4 F7 06 85 F7 C7 47 E3 B0 7D 0C B8 A6	7FE5572FBE934AFC4151651FEF098B9940A47966C4085577314D7104CDE84329	62 19 B0 41 94 71 B8 C3 0B 4F A4 0A DD CA 92 07 74 82 B6 42 81 22 0A 8E 61 40 B5 50 28 B1 19 43	6/21/2024	12/31/2028
C=US, O=SSL Corporation, CN=SSL.com EV TLS Transit RSA CA R2	58 2A 35 24 1F C8 C2 D6 5E 1A F7 4C F9 ED 0B F1	A4270E5251691F6EC40CF774C6717E2EFEC3EB1E384607DC75836296AAA15C59	04 1D 09 65 CF 95 85 4B BD 9E 2E B8 3C D9 82 65 65 45 09 93 0E 2C 60 CA 8D F6 7D F8 1F 7D F3 74	6/21/2024	12/31/2028



Cross-Signed CAs					
Subject	Serial Number	SHA256 Thumbprint	SPKI SHA256	Valid From	Valid To
C=US,O=SSL Corporation,CN=SSL.com IV TLS Issuing ECC CA 1	CE 50 B7 B4 5D 39 FE 9F E4 D7 C7 3E C6 B3 51 3E	E3191026C526487A05F68ADF4B8CA395C044AA6B5E72A70E8739DA71A860D0DB	65 DE 42 14 85 9D 92 8F 06 75 20 60 BF DC 48 63 6B D0 2C 3A 65 08 A0 10 81 3E DB 46 B1 4A 71 5A	6/21/2024	12/31/2028
C=US,O=SSL Corporation,CN=SSL.com IV TLS Issuing RSA CA 1	FA FA 58 86 1E 4E C5 EF 96 73 08 16 AA 16 31 FD	1372C7B4D6AC3A438BDFC87A29D303315FF34FC5B1E73205936B7B99284A8AF5	9A 1C E1 0A 8D C4 10 4C 97 23 73 E2 78 E8 6D 87 47 D5 68 96 2F 5E D4 EE D7 81 D0 10 52 4D 43 5F	6/21/2024	12/31/2028
C=US,O=SSL Corporation,CN=SSL.com IV TLS Transit ECC CA 1	0A 44 1A 47 B5 28 D8 D7 C1 29 E3 11 35 4D 38 EB	3708FB804391C75AA5D81235C214F398C6DCA6C9492A3AFDE92A5FD92FE48FAB	52 E8 DF D8 C3 C0 DF 92 E0 E7 40 21 AE 11 46 3C 44 4A FD 91 C3 44 9C 5C DD 79 B2 8F 8D CF 74 4B	6/21/2024	12/31/2028
C=US,O=SSL Corporation,CN=SSL.com IV TLS Transit RSA CA 1	7A 7C F7 D2 F4 B6 FC 07 27 BF 25 8D DA EB BA C8	B90CF398E1BE2E59C6BF1E0F7F996CAB2E1533734A0BC328989C135EB19D6729	47 F3 B9 24 9F 5B 89 73 2D 12 79 A2 38 3A 6E 90 1B 5E 17 07 C9 33 43 17 C1 05 A2 4A C8 C9 00 B4	6/21/2024	12/31/2028
C=US,O=SSL Corporation,CN=SSL.com OV TLS Issuing ECC CA 1	3F 43 B6 9D 7F 6B 3F E3 B5 03 4E 73 89 F1 5E 3E	D306BF0D85BD10D083A1ECA5B38D40149E5C450F996021CC08DE254D1722E619	FF 58 09 92 DD 01 95 95 FC F2 22 65 96 78 A4 E8 11 E0 FC C2 DB 61 B6 E7 6F E6 10 9A F2 71 41 A9	6/21/2024	12/31/2028



Cross-Signed CAs					
Subject	Serial Number	SHA256 Thumbprint	SPKI SHA256	Valid From	Valid To
C=US,O=SSL Corporation,CN=SSL.com OV TLS Issuing RSA CA 1	36 63 78 92 4D 25 2F 77 05 94 21 46 4B 3D DA C4	C28A1FDF14AE3F045FBC5E1602A01030A77236CC52267F2360899C832E975C15	84 08 C7 7B ED C1 CA 42 25 82 32 CD 4C E5 8B 30 34 9A 34 0E E2 58 33 01 7F DB CC 1D 01 71 05 F3	6/21/2024	12/31/2028
C=US,O=SSL Corporation,CN=SSL.com OV TLS Transit ECC CA 1	84 D6 18 12 7F F7 67 6B 83 4A A0 F0 60 B7 7B 4A	28DE5F98B2DB4C4381FDA8307AC9C355DB898966B525665A019F5D6DFE7EF1CA	44 50 44 38 D9 86 9E 8B 41 38 CD 47 36 D3 71 D2 7A 9E A8 FA A7 70 FA E1 C5 66 6E 12 5D 12 BC 18	6/21/2024	12/31/2028
C=US,O=SSL Corporation,CN=SSL.com OV TLS Transit RSA CA 1	90 7E 82 C9 B3 8C 5A 45 BC 80 84 C3 7E 50 F5 0F	5ABA720A2F527774D516DC12021E6248756ADF046EAE0818555E969F8E43CC1F	A3 41 D8 50 AD 5E 66 74 99 77 DA 49 E1 52 56 CD 8C 17 84 CF CA 77 BE DF 52 A9 1C 6C 08 0F C8 14	6/21/2024	12/31/2028
C=US, O=SSL Corporation, CN=SSL.com TLS Issuing ECC CA R2	73 83 11 42 9F 73 08 97 12 CD 4A FD 6D 16 FA DD	2DC7DDC440B6332274868C5E1DF5D15BD71E5A1861D22B6181BC1C2CBFA32B34	34 F4 6B 06 4F 7A B7 AE 2F 6B 2F 37 6B C2 9F EE 42 D5 F1 59 9D 8B FD 7B 42 0A 5E B3 7D BC FC F9	6/21/2024	12/31/2028
C=US, O=SSL Corporation, CN=SSL.com TLS Issuing RSA CA R1	C4 F8 45 C8 27 62 91 EC C2 B3 DD 1D C7 8C 87 4D	AB3DE819F342F0A61D199D4BE86A4F7F3F2810CDDF0B0BFF872F4D93E812CE80	D0 52 81 57 19 F2 77 82 6A F2 FF 12 4F ED EC 8C EF 96 A0 1E CF 2C 11 29 49 D8 B1 6C 71 35 2F 88	6/21/2024	12/31/2028



Cross-Signed CAs					
Subject	Serial Number	SHA256 Thumbprint	SPKI SHA256	Valid From	Valid To
C=US, O=SSL Corporation, CN=SSL.com TLS Transit ECC CA R2	AD 8D 2D F6 46 81 A0 D3 64 47 EA A9 4F A2 73 C1	FE9FB0F783EBB843109AA31DE9DA9864B6542940C307DF23180B11F1F7E108DE	39 7C A3 F6 78 1B A8 EF 5C 8C B7 8E FF EB 7D 1A 09 76 10 FE 09 4E 75 56 1E AE 0B 13 08 45 33 DC	6/21/2024	12/31/2028
C=US, O=SSL Corporation, CN=SSL.com TLS Transit RSA CA R2	52 5D 9F 0D 96 7A 10 7D 60 AA 67 5B 3A C1 E9 C8	EBD417F595C3F259B7455C8135293505B692C47E0F74D3BA885CE22C8875CA28	BE 7D 1E D4 31 29 60 39 CE 59 E3 52 1F 42 24 BA FA D2 F2 22 00 13 BC 79 68 1E C4 A2 50 D4 C5 2D	6/21/2024	12/31/2028



Intermediate CAs					
Subject	Serial Number	SHA256 Thumbprint	SPKI SHA256	Valid From	Valid To
C=US, ST=Texas, L=Houston, O=SSL Corporation, CN=SSL.com RSA SSL subCA	09 97 ED 10 9D 1F 07 FC	527A60B02ABF3A4A5519C4F62FBBD560E3034074EEEC8B8799AA9368693FE36D	EC B7 01 E5 9F 00 4D 5C F8 AD C4 2D 21 8E 71 26 2A FC FF E1 77 7B F1 CF 8B C2 03 74 29 E3 09 A1	2/12/2016	2/12/2031
C=US, ST=Texas, L=Houston, O=SSL Corporation, CN=CertLock RSA SSL subCA	19 EF 13 7E FD 98 37 F3	096CC9B323F28AA101699B04D1F75D060C26F5C3C8E3B4EAFD08F8B822D20666	C7 1C 77 B9 5B 6B 40 6C 66 23 2A 1D F9 CE 7D F1 92 75 43 B0 96 72 1C AE 00 2F D1 54 49 94 7D 03	2/12/2016	2/12/2031
C=US, ST=Texas, L=Houston, O=SSL Corporation, CN=CertLock ECC SSL subCA	7C C0 C4 55 70 39 20 CD	46082EB4EB787B24FC84C02299955E3ABFD16733489D56606CC393409E4E231B	F4 4E 42 38 2D 31 64 FC E5 03 EA D2 B7 EC 04 39 B9 26 39 4C D0 59 76 CE 77 95 31 7D 32 19 27 13	2/12/2016	2/12/2031
C=US, ST=Texas, L=Houston, O=SSL Corporation, CN=CertLock EV RSA SSL subCA	02 5B B7 0A BA 7E 81 A8	556361EE7D772FC1519AC60AAF628DEF8467F67315FDE00FF70494EE44D70A59	FC 0A E8 DB DD 65 B7 C1 D4 FC 1B C5 6F 98 C3 06 4C 56 B6 6C ED 9F EF CF 82 92 E4 B9 4C DD 6A 11	2/12/2016	2/12/2031
C=US, ST=Texas, L=Houston, O=SSL Corporation, CN=CertLock EV ECC SSL subCA	58 55 26 EE 2D AF 63 D3	00DAE0270B9AF7210A21158F461A432D734063D5960C84E1CC779CCB65022204	C2 84 50 BC E9 77 49 96 09 98 84 64 DE 58 5B 56 BC BB D9 89 CD 2A 3E E1 E0 56 32 ED 98 18 5F A5	2/12/2016	2/12/2031



Intermediate CAs					
Subject	Serial Number	SHA256 Thumbprint	SPKI SHA256	Valid From	Valid To
C=US, ST=Texas, L=Houston, O=SSL Corporation, CN=SSL.com Root Certification Authority ECC	3F 2C 60 8C 5C F9 63 21	06B9722A699C57DFF1869F430B479BB6EB49AAE1184EAC9C5325C1334A34EA4C	34 87 67 CD AD 3B DD 28 B2 B8 DD 53 51 AE C3 0C 68 CE C5 CD 69 D2 76 DF 38 27 DB C4 F5 80 64 64	2/14/2019	2/12/2027
C=US, ST=Texas, L=Houston, O=SSL Corporation, CN=SSL.com EV Root Certification Authority ECC	7F A3 2B 28 B1 C9 AB 6C	60EF412EABE7C3FC6399EED1B633B777747515B29D721B963DD258BC498AB292	A3 20 F4 D5 34 D7 BE 97 C1 AE 8D D0 49 97 35 BC 89 5C 32 3A DD 2D 38 8B FC CF 66 2C 23 D7 F9 9A	2/14/2019	2/12/2027
C=US, ST=Texas, L=Houston, O=SSL Corp, CN=SSL.com EV SSL Intermediate CA ECC R2	3C 7D 3B E6 7F A3 ED 6D 30 EB D0 F0 B4 DF 83 9C	8394E3D07EFCDD1E97EA6CBA214C3A055C17DD9A7EBF8DDE0020FCDDDB76F28653	77 5B 4A B9 1D 9A 14 59 E1 C3 C7 91 06 83 5E 8B BB 01 E1 85 91 D6 24 26 38 49 86 07 7D FB 03 49	3/7/2019	3/3/2034
C=US, ST=Texas, L=Houston, O=SSL Corp, CN=SSL.com SSL Intermediate CA ECC R2	1C D7 12 12 DE 15 10 D9 12 82 DA 33 10 4A 10 2F	948B7111AF42F546D579CFF5CE2BDEC82134DD9914842BDDDB0C52872EB604E39	CC 68 00 E0 E5 38 0E 32 5D BE 94 58 52 A6 E2 E5 58 76 83 D5 B9 39 CF CF 80 A8 A1 CB D9 A4 2E C1	3/7/2019	3/3/2034
C=US, ST=Texas, L=Houston, O=SSL Corp, CN=SSL.com EV SSL Enterprise Intermediate CA RSA R2	72 EB 6E F3 C5 19 A7 24 08 D1 5A A2 4D EB 68 F0	9B25A6A7BD51BC5F5C4F06E0D1218FD370DD31FAFD5CD3B627C82F202F1B4657	BD C2 FA 91 53 F7 8C FF 21 6D 39 F9 03 EB 72 29 ED 48 58 85 81 16 78 6F 52 F6 B7 AA 6B C4 1B 62	3/26/2019	3/22/2034



Intermediate CAs					
Subject	Serial Number	SHA256 Thumbprint	SPKI SHA256	Valid From	Valid To
C=US, ST=Texas, L=Houston, O=SSL Corp, CN=SSL.com SSL Enterprise Intermediate CA RSA R1	7A 46 09 3E 23 7C BB A8 D0 21 CE 1C 70 AA F0 0C	EDAC9C45909F4DEC7BB65F0A4FBF6A8A0375E52AEDD66E06888FED7E3EDEC537	A0 A0 29 36 90 CB DA 1C EF 07 A7 EA 37 AC 9F 5B 16 DD A3 11 76 96 F9 D5 64 BC 36 E1 CF 4C 35 65	3/26/2019	3/22/2034
C=US, ST=Texas, L=Houston, O=SSL Corp, CN=SSL.com EV SSL Intermediate CA RSA R3	03 A3 F4 D0 60 30 52 A3 37 CE 38 0A 88 30 31 8C	85DB0BEED0668D04D7074000F98E84B08D0FD5429FF4A262DE7CBC1528A1A1DA	E1 5E 8A 26 FD 3D 8F 8C 02 4D D0 75 90 6F 3E AD F3 3B 5C 21 31 60 4A 62 5C 21 B3 24 D2 F9 F0 84	3/26/2019	3/22/2034
C=IL, O=Domain The Net Technologies Ltd, CN=Domain The Net Technologies Ltd CA for EV SSL R2	46 97 9A 4D E6 32 3C F3 53 A1 4C 90 5E 20 FF B3	3F31DB75828DAA96E4DE5B82A0678FE2023BD5B246C3F9250CBF6718E10958F5	2E 4D 7D 02 43 48 0B B0 30 1C D1 79 1E C5 3F A6 10 84 9D 40 48 F9 E8 80 D2 66 C5 87 1C 5E 42 C4	4/1/2019	3/30/2024
C=IL, O=Domain The Net Technologies Ltd, CN=Domain The Net Technologies Ltd CA for SSL R2	3F 0D 9C 83 67 28 98 D0 03 43 D9 B5 27 EE 4A 20	EAE59BA2CC33281A5CDDEC50CFBFD9DD0CA5565F3CEF698C9366A10CEC087F97	D4 50 6A 2F 24 6C 3F C8 9B C5 75 EC 5B AE 0B 61 61 93 79 83 06 4A C5 13 30 51 1E B5 44 1A 90 3F	4/1/2019	3/30/2024
C = NZ, O = SafeToOpen Ltd, CN = SafeToOpen EV TLS ICA RSA R1	40 DB 37 04 96 43 5E 7D F5 16 8E F4 F5 7E FC DA	C2D4FDFBBD82F4A1CDAC4713E3AB0999560918D7A170DDE03F7DDBF9A288DCDC	C1 C7 A8 4F 24 9A 2C 25 D8 EC 50 00 06 53 1A D5 E0 78 15 CD 95 A1 D7 3C CD 24 22 8F E8 2D E8 AA	10/1/2019	9/28/2029



Intermediate CAs					
Subject	Serial Number	SHA256 Thumbprint	SPKI SHA256	Valid From	Valid To
C = NZ, O = SafeToOpen Ltd, CN = SafeToOpen TLS ICA RSA R1	70 4D 71 60 F4 1F E6 87 15 D4 90 8D E4 EE 16 39	DFCCDBF077D142D7923F6316DD411E462C7A8BC04781F2B87065A5C5E258A7E0	B9 0E 1C CC 96 89 86 BA E2 05 D2 31 97 B4 B2 3F 05 FC 5B 2E 33 D7 66 A3 F5 9A 82 6F 79 9D 62 9A	10/1/2019	9/28/2029
C = GB, ST = London, L = London, O = Anson Network Limited, CN = AnsonNet TLS Issuing RSA CA R1	31 68 24 E5 96 BC A1 B1 14 AC 00 4A A5 5A 4F 90	92CE7EA7424B3E7A2C14C26E0D572ADB556E05E2B2A8BD3761C695254255856	98 F4 A1 44 D9 01 52 9D 55 81 7B 9A 88 86 C8 76 1F B9 95 C6 3A 9C 6E 04 BF 0F 9D C2 D8 E4 D3 A0	10/6/2020	10/4/2030
C = CH, ST = Luzern, L = Luzern, O = swissns GmbH, CN = SwissNS TLS Issuing RSA CA R1	42 BF 6C D1 88 7B BE E8 DE BD 79 80 1E A2 D7 D0	37FD29C701D6977998F205153EA8A4C2E996354DF072D4984DC5D8B1F75A2B61	28 07 5A F8 B2 45 78 6B 46 B6 10 AA 09 E8 DE AF 61 14 02 B1 59 35 EF 9F 9A 59 0B 76 19 1D 70 97	10/6/2020	10/4/2030
C = US, O = Staclar, Inc., CN = Staclar TLS Issuing CA R1	29 E0 FB 0E DE 5C 14 37 6C A3 2A 11 A7 34 50 4D	FE6B6F9E44B670797D52E5F16EF1BB10B49EB3AD662522FC632B37DF9A5044CD	DA 1A CA DB 62 11 09 E4 1C D2 1B A1 08 21 93 48 A6 36 47 42 E6 C9 E1 54 68 7E 00 AD 14 7A 61 47	6/23/2021	6/21/2031
C = VN, L = Ho Chi Minh, O = Hao Quang Viet Software Company Limited, CN = MuaSSL EV TLS Issuing ECC CA R1	32 EF B8 E0 49 19 BF E1 6E 55 6D 2D 76 36 7E 31	785FD32364C457E2AEB4353AA95808F371AA8906E11C40E13C338A6B3EE73BE1	2A CC A6 44 8D 85 8A 1A 19 E5 CE 66 D3 4D 1B 93 3A 58 AA 4F 4E 7D 72 8C 04 FC FB 58 4A 1D A8 48	11/6/2021	11/14/2031

Intermediate CAs					
Subject	Serial Number	SHA256 Thumbprint	SPKI SHA256	Valid From	Valid To
C = VN, L = Ho Chi Minh, O = Hao Quang Viet Software Company Limited, CN = MuaSSL EV TLS Issuing RSA CA R1	1D DE 2C 57 C2 F0 C4 1D 99 E4 91 97 65 C7 1C 3B	38F58CAF650CCD4F6027D1C922682891A165FEF491FC1D333FE8A9C851586D48	D7 70 1B 4C 03 E0 4A 8E 19 11 79 7F D5 DE 77 B4 18 5D 93 FD 4E 66 9E 36 A1 9F 14 A3 C7 FE D2 0B	11/6/2021	11/14/2031
C = VN, L = Ho Chi Minh, O = Hao Quang Viet Software Company Limited, CN = MuaSSL TLS Issuing ECC CA R1	45 8E 97 B2 62 F4 01 20 90 16 B6 26 84 D2 01 4E	623ABEC6F85A7028ACA10F5BDC5D81B56B6314DF28743FFCC84ECA32F35AE846	69 66 9D 0A 9E E4 31 C7 DF B9 C7 5C B6 03 76 B9 1E CE 05 99 BE 5C 92 34 F6 D3 8B C6 32 DB 86 FF	11/6/2021	11/14/2031
C = VN, L = Ho Chi Minh, O = Hao Quang Viet Software Company Limited, CN = MuaSSL TLS Issuing RSA CA R1	31 EE 6F 1D BF 75 C3 A6 00 56 3B E0 46 7A 20 3A	52999873A3D12A4571DB9A160576A9D951AD4E4A7DA31C5C10613805E9224325	EB AE 70 FC D6 6C 3C EE D3 11 7C 06 49 19 C7 CF 96 C6 43 7B 5E 0E 89 4A AD 30 6B 5E 18 DC 1D CC	11/6/2021	11/14/2031
C=CY, CN=3CX CA RSA R1,O=3CX	63 59 AB E4 F9 BA 50 56 54 00 B6 66 1A 5C A5 CF	4E93BCADD5D4E95331AE362DF9C6066CCA7F942A8FDE4D3EE011DE34074F5840	6D E9 29 EA 07 EA 97 D0 39 92 10 FD 40 9B C3 11 CD 3C EB D3 E8 3D 0D 56 8E 38 48 53 41 82 65 02	1/12/2022	1/10/2032
C=TR, O=E-TUGRA EBG BILISIM TEKNOLOJILERI VE HIZMETLERI ANONIM SIRKETI, CN=E-Tugra TLS RSA CA R1	5E 07 E2 92 08 73 13 FE D2 41 65 A2 95 A0 1B 41	586A5C9836D9FB3BE863BA765A7966D940297FEC7BDD488016C7AA1EAE1F1D51	D6 F7 71 6F 4E EF D0 2F B9 7C 1A BA 18 F6 A0 7C 7B DD C9 9D F5 13 BF 00 DA E2 A3 8D C1 E9 DD 9D	2/28/2022	2/26/2032

Intermediate CAs					
Subject	Serial Number	SHA256 Thumbprint	SPKI SHA256	Valid From	Valid To
C=TR, O=E-TUGRA EBG BILISIM TEKNOLOJILERI VE HIZMETLERI ANONIM SIRKETI, CN=E-Tugra TLS ECC CA R1	43 BD 37 AA 55 BD 4F 67 03 46 5D 9A F4 96 99 D7	108162F2B35ED71C6EA9502F94B93E9754789DDE871B2AC26CE06D47207A95CC	EF B2 9D 8B C5 EB F5 4C C8 BB 96 82 B8 F9 CD DE CB CF EA 60 9D 71 29 E9 1D AD 95 E9 EF 31 D7 30	2/28/2022	2/26/2032
C=TR, O=E-TUGRA EBG BILISIM TEKNOLOJILERI VE HIZMETLERI ANONIM SIRKETI, CN=E-Tugra EV TLS RSA CA R1	53 29 17 D7 B3 59 3F 2C F9 02 6B 1C 3D A8 E4 8E	24E7A0475697793ABF3E0DDB04D542FFE7C93CC71D19F6067144ACA89A4CA678	C7 26 F3 35 EF B7 42 C3 FC EC D1 B7 CE 20 A7 99 D3 10 09 28 BF 22 68 49 8F E7 FA 73 B3 F6 2D 58	2/28/2022	2/26/2032
C=TR, O=E-TUGRA EBG BILISIM TEKNOLOJILERI VE HIZMETLERI ANONIM SIRKETI, CN=E-Tugra EV TLS ECC CA R1	20 50 ED 42 B8 85 22 A8 B0 41 C2 68 2D 71 28 0B	7BA8F0BB49F501E9BB72E3A13708C6A933140FDC65592A37ACDE66AD07DE607E	E1 97 C9 88 41 B4 9E FB 96 76 B5 F2 5C 59 BB 23 FE 5F E6 41 8F AF 3D 7B 37 47 58 78 AF 5F 4C 1F	2/28/2022	2/26/2032
C=TR, O=E-TUGRA EBG BILISIM TEKNOLOJILERI VE HIZMETLERI ANONIM SIRKETI, CN=E-Tugra TLS RSA SubCA R1	72 14 56 C6 1F 04 10 4B 5C 2B 0F F6 00 2A 22 84	7FD28377C87C898E9094C93EA00BF107ABE11DB80B3D85E2B4A662697681235B	45 3E 51 BB 8C 95 A4 0F 35 E1 1F 86 2D 7B FD 99 E3 D9 A9 7C 00 7E EA 73 F9 95 CB A4 5B 96 FF E3	3/4/2022	2/26/2032
C=TR, O=E-TUGRA EBG BILISIM TEKNOLOJILERI VE HIZMETLERI ANONIM SIRKETI, CN=E-Tugra TLS ECC SubCA R1	4B 35 91 AC 47 79 31 02 0D 79 93 01 00 89 77 FE	3687AF02C49731CA34FE4FDB9B5E5E0ECACD8A206956F19AFB38203AC5F0A567	2C 4A 68 3C 12 27 BD D3 CA BC 19 C4 BE 03 86 54 3E A7 88 5D 69 D1 2C 8F 97 C0 95 97 56 26 63 70	3/4/2022	2/26/2032

Intermediate CAs					
Subject	Serial Number	SHA256 Thumbprint	SPKI SHA256	Valid From	Valid To
C=TR, O=E-TUGRA EBG BILISIM TEKNOLOJILERI VE HIZMETLERI ANONIM SIRKETI, CN=E-Tugra EV TLS RSA SubCA R1	2B 0F 55 D4 E4 FC 35 4B 3A 78 B7 B6 89 C4 34 CB	6762522E4B57AED0960574AB061F79EEA068C5AE3D815F50A971CEC4958A92B8	43 BB E8 1E 6A F0 FA 82 91 4B 0A 38 FB 5F 53 FF 33 2D 3E D6 03 EE 28 B1 11 CA 48 75 2A 23 EB AD	3/4/2022	2/26/2032
C=TR, O=E-TUGRA EBG BILISIM TEKNOLOJILERI VE HIZMETLERI ANONIM SIRKETI, CN=E-Tugra EV TLS ECC SubCA R1	5D E1 44 BD 52 A7 2B 75 69 E6 A9 46 F3 88 A3 BC	A36C1CC623ECF3ED899A9AC14FDD5620919858E621E6877E01EF50DA1DB6A3AB	C4 8D 38 D9 F4 FD 4E B0 A3 92 71 FE 3C EA 79 3E 84 58 CB 6F CD 7C DD 86 79 72 FA E5 1A 3D D3 BE	3/4/2022	2/26/2032
C=TR, O=Isimtescil Bilisim A.S., CN=TrustSafe TLS RSA SubCA R1	47 83 86 6C 57 49 82 F9 D9 EF 8F AD D7 A0 50 37	98A0C3BA1899258595D04F15D134C5732E864B755C648A48D1C17F0A260EF5A7	FD 2A D4 19 8B 16 A4 35 B8 E2 AF E0 20 F2 F8 7B EB CA AE 82 CF BB 4F E7 D0 EC 92 66 F6 F9 83 A5	3/4/2022	2/26/2032
C=TR, O=Isimtescil Bilisim A.S., CN=TrustSafe TLS ECC SubCA R1	71 0D BF 46 61 D9 33 7A CB 56 22 DF C2 77 CA A7	5EAF05CFC9A017730D01E6688D6E39710E01FDE374E74B1B25D3A48076AE5DB8	48 A8 E9 B6 53 47 CE 01 2F C8 0A D5 AD D4 EE A7 C3 91 90 65 86 8A 49 B7 88 59 8B 24 8E 19 44 63	3/4/2022	2/26/2032
C=US, O=SSL Corp, CN=SSL.com EV TLS Transit ECC CA R1	11 1E 88 BA DA F8 0F 1C 4A 3D 6A 68 9B C7 64 4D	619079F100A6BFB65CB2E98890DD0AC492B64665E254A66A529D8F5917D82AB1	4C 91 7F D7 CF 9C E9 AC DE F6 9B 58 A2 10 F2 56 A5 BC AA 95 C1 9C 90 C5 BF B5 62 6C 9F 0C C2 B9	2/28/2022	2/24/2037



Intermediate CAs					
Subject	Serial Number	SHA256 Thumbprint	SPKI SHA256	Valid From	Valid To
C=US, O=OCLC, Inc., CN=OCLC TLS Issuing RSA SubCA R1	5F 5B 37 D3 E9 61 02 5A 95 80 7C 99 45 73 AD B5	E7527E30D473AEC3B162AFDC47095449D2DD5494CE862E2FE4F436C081262F64	B5 32 DC 52 5C 41 EC 76 D7 AA 59 5C 72 64 E1 67 F5 BF D7 55 01 5C 6E B8 15 59 A0 E8 36 4F 77 19	9/22/2022	9/19/2023
C=US, O=SSL Corporation, CN=SSL.com TLS Transit ECC CA R2	60 4D 8A F8 D0 0B A8 74 8B 95 58 53 17 2C 5F 2E	5D1BC399274E649E1C72697DE91A54AD725088C5221CB61E17EE9C290BC42A92	39 7C A3 F6 78 1B A8 EF 5C 8C B7 8E FF EB 7D 1A 09 76 10 FE 09 4E 75 56 1E AE 0B 13 08 45 33 DC	10/21/2022	10/17/2037
C=US, O=SSL Corporation, CN=SSL.com TLS Transit RSA CA R2	20 28 1D D3 86 17 1E BF 05 20 45 B3 37 F2 BD 86	FFE930442DFEB69CE29A908B6A639B370BD6BA6075F931AB83561D938B453A21	BE 7D 1E D4 31 29 60 39 CE 59 E3 52 1F 42 24 BA FA D2 F2 22 00 13 BC 79 68 1E C4 A2 50 D4 C5 2D	10/21/2022	10/17/2037
C=US, O=SSL Corporation, CN=SSL.com EV TLS Transit ECC CA R2	63 49 84 8E E7 D2 44 F1 31 A6 19 CE 3A 92 1C 5D	4CF773F955FDB7A97DB1250F2FD7BA36075A96166BB5CC417B5C021D0F70ADF2	62 19 B0 41 94 71 B8 C3 0B 4F A4 0A DD CA 92 07 74 82 B6 42 81 22 0A 8E 61 40 B5 50 28 B1 19 43	10/21/2022	10/17/2037
C=US, O=SSL Corporation, CN=SSL.com EV TLS Transit RSA CA R2	21 71 43 8C ED C2 DD 04 73 D5 EC 40 9E 43 73 28	6CC95D21D4C7BA39736E4E703E4260B7EFB6DCCD91431ED5C43D7E0986B39554	04 1D 09 65 CF 95 85 4B BD 9E 2E B8 3C D9 82 65 65 45 09 93 0E 2C 60 CA 8D F6 7D F8 1F 7D F3 74	10/21/2022	10/17/2037



Intermediate CAs					
Subject	Serial Number	SHA256 Thumbprint	SPKI SHA256	Valid From	Valid To
C=US, O=SSL Corporation, CN=SSL.com TLS Issuing ECC CA R2	5D 74 43 B9 94 D3 21 F2 67 F2 04 F1 84 4A C7 32	7F3EE6366236EDE6C1F7C21C443C644D32153EDAA9357C3A6DA879CDF2A6B0B6	34 F4 6B 06 4F 7A B7 AE 2F 6B 2F 37 6B C2 9F EE 42 D5 F1 59 9D 8B FD 7B 42 0A 5E B3 7D BC FC F9	10/21/2022	10/18/2032
C=US, O=SSL Corporation, CN=SSL.com TLS Issuing RSA CA R1	26 B9 FF E4 59 6F A6 1E 1A F2 1C 63 D6 72 74 8A	BFBC39E9FA2B84C9A92337E2344EE2381D8D3D3AE8EA75EF4E48E5807ED80C69	D0 52 81 57 19 F2 77 82 6A F2 FF 12 4F ED EC 8C EF 96 A0 1E CF 2C 11 29 49 D8 B1 6C 71 35 2F 88	10/21/2022	10/18/2032
C=US, O=SSL Corporation, CN=SSL.com EV TLS Issuing ECC CA R1	58 3D 15 21 7B 32 62 7E 14 E5 48 DF 13 50 81 A9	68255D5EA52D2CA9A0B1F8EFF8F446CECC95A80A5D880DB681F1630C0B4B214D	70 2A B0 CD E3 26 71 8F 46 03 0A 06 D4 21 60 B8 45 07 3C 8F 0C 10 69 E0 D6 25 A6 7C F8 20 E8 7E	10/21/2022	10/18/2032
C=US, O=SSL Corporation, CN=SSL.com EV TLS Issuing RSA CA R1	3A 68 0D CA 7D 82 C0 83 4B 32 89 D1 2A 7F 00 F4	ECBD2002FB15D690EB29CCA7371D97F84FAE7F1FF67BD039323BADAF5CAD9148	DD E6 CD 5A 44 7A AA 14 AC 57 39 37 5A 46 D7 AA 65 B4 6A B7 8D C4 2F BE E9 47 94 FB E1 00 F4 8A	10/21/2022	10/18/2032
C=US,O=SSL Corporation,CN=SSL.com OV TLS Transit RSA CA 1	17 A2 31 B2 46 5A F7 AA 19 42 78 E5 A7 05 87 88	2858D518D0774088CFE7BD5E52AAFD15C450B63C667C9F575EB22C084FC2318C	A3 41 D8 50 AD 5E 66 74 99 77 DA 49 E1 52 56 CD 8C 17 84 CF CA 77 BE DF 52 A9 1C 6C 08 0F C8 14	12/9/2022	12/5/2037



Intermediate CAs					
Subject	Serial Number	SHA256 Thumbprint	SPKI SHA256	Valid From	Valid To
C=US,O=SSL Corporation,CN=SSL.com OV TLS Issuing RSA CA 1	22 4A 7C 22 65 ED FC D4 27 53 BD C9 49 FE 84 40	604BDD260A28EDD256E9DAA70C05CD18AC3CEC827F842590D45EA42BDDC61E42	84 08 C7 7B ED C1 CA 42 25 82 32 CD 4C E5 8B 30 34 9A 34 0E E2 58 33 01 7F DB CC 1D 01 71 05 F3	12/9/2022	12/6/2032
C=US,O=SSL Corporation,CN=SSL.com IV TLS Transit RSA CA 1	1E D8 4C 79 C0 84 DC F4 FA F7 41 3E 35 47 C4 43	C05F6E75226A6FFDF4A07A6D7473D3C51E66A57FE81138815539157DD57C5A59	47 F3 B9 24 9F 5B 89 73 2D 12 79 A2 38 3A 6E 90 1B 5E 17 07 C9 33 43 17 C1 05 A2 4A C8 C9 00 B4	12/9/2022	12/5/2037
C=US,O=SSL Corporation,CN=SSL.com IV TLS Issuing RSA CA 1	61 B0 A3 BC 2F 5E 8F 57 1B 14 9A 61 DF FF F7 2D	0B9DF26FF87DF92EC265661EEC82D09F8A7531006F3CDA4D6F7288961B23B045	9A 1C E1 0A 8D C4 10 4C 97 23 73 E2 78 E8 6D 87 47 D5 68 96 2F 5E D4 EE D7 81 D0 10 52 4D 43 5F	12/9/2022	12/6/2032
C=US,O=SSL Corporation,CN=SSL.com OV TLS Transit ECC CA 1	1A 1C 8B 54 47 45 68 31 15 4E 0E A0 B7 5E D6 AC	0DA999DF66FD21CAFF5E1376ABAD37B4FD2C8AA69B25A3F60794E6F3AA47D98B	44 50 44 38 D9 86 9E 8B 41 38 CD 47 36 D3 71 D2 7A 9E A8 FA A7 70 FA E1 C5 66 6E 12 5D 12 BC 18	12/9/2022	12/5/2037
C=US,O=SSL Corporation,CN=SSL.com OV TLS Issuing ECC CA 1	30 72 D5 84 96 22 DD 9E 94 55 73 B4 B3 B7 B6 79	F1728DCAF61A28069EEA0FA1B482DD61A463F75255DD700CF60607E75E93C9A9	FF 58 09 92 DD 01 95 95 FC F2 22 65 96 78 A4 E8 11 E0 FC C2 DB 61 B6 E7 6F E6 10 9A F2 71 41 A9	12/9/2022	12/6/2032



Intermediate CAs					
Subject	Serial Number	SHA256 Thumbprint	SPKI SHA256	Valid From	Valid To
C=US,O=SSL Corporation,CN=SSL.com IV TLS Transit ECC CA 1	21 9D D9 8A 5F 3E 1D 61 3C A3 A0 5A 9A 75 DC FC	57D61F0944948124E9B7685C7E2C9B4344E75DA9588328ECDF936AC8E80B438E	52 E8 DF D8 C3 C0 DF 92 E0 E7 40 21 AE 11 46 3C 44 4A FD 91 C3 44 9C 5C DD 79 B2 8F 8D CF 74 4B	12/9/2022	12/5/2037
C=US,O=SSL Corporation,CN=SSL.com IV TLS Issuing ECC CA 1	2D 47 1B 5C E9 D1 CE 95 88 03 1B 5F EF 3D BF E9	41EFEF46FD0E434B644BB47E6E21182A8DEF59B1E6E1F2952587FA28BF10A4A2	65 DE 42 14 85 9D 92 8F 06 75 20 60 BF DC 48 63 6B D0 2C 3A 65 08 A0 10 81 3E DB 46 B1 4A 71 5A	12/9/2022	12/6/2032
C=IL,O=Domain The Net Technologies Ltd,CN=Domain The Net Technologies Ltd CA for TLS R3	7B 63 CC 8B 29 CC 2E 93 3C A3 F3 68 5E 7E 78 B2	75585A11D7551D4EC507B8AA9EC06C06C47E40B7A5CEDD183B3C342EC7EB7A34	64 4C D3 5A 43 63 9C 27 8F 6A 83 5D 18 BC 9C 1F A0 22 09 B7 65 04 0C B4 50 AF 90 64 B0 DB 8B 10	5/26/2023	5/23/2033
C=IL,O=Domain The Net Technologies Ltd,CN=Domain The Net Technologies Ltd CA for EV TLS R3	74 45 CC 7E 67 F1 AC 92 E6 9D AD 16 A9 2F E0 FC	0032295B0B9CB38A775AF5EC01ADBD2D3989200D8B7F5C7333CD1C061F882E32	D1 2D BD 9D B3 DC 3B 03 DD 30 0C 15 25 76 94 23 90 50 0E 4D CF DF 7A 29 57 24 AD 4E AF C8 63 62	5/26/2023	5/23/2033
C=MX,O=LATSSL (Intradigital Soluciones Tecnologicas S. de R.L. de C.V.),CN=LATSSL TLS Issuing RSA CA 1	50 CA C8 13 D9 8F B6 AB 55 57 BF DC 3D 58 95 00	5355C4F8C6CC330B0D813D6194CF206895EE6F3977AC0C99E509260488E6D5C8	A6 EC 0A 68 55 F7 93 DD 16 70 A5 91 48 38 AE AD 64 84 6B D1 E0 B3 C3 BE F7 85 84 7B F8 1A C1 76	6/26/2023	6/23/2033



Intermediate CAs					
Subject	Serial Number	SHA256 Thumbprint	SPKI SHA256	Valid From	Valid To
C=MX,O=LATSSL (Intradigital Soluciones Tecnologicas S. de R.L. de C.V),CN=LATSSL EV TLS Issuing RSA CA 1	09 AD AC 41 3A 8D 55 90 C9 9E B2 95 23 AD A8 51	7F1AD73878E0EA7CFD705675C4DDA688CB25E122F6C8564FDDFC14BDBF041837	A9 FD FB 7A 73 62 D4 E7 10 D4 B0 C8 0D 32 C3 80 52 02 37 02 A1 F9 F0 C4 08 20 17 53 52 90 6D 85	6/26/2023	6/23/2033
C=US, O=CLOUDFLARE, INC., CN=Cloudflare TLS Issuing ECC CA 1	2C 3F A2 69 2F 41 13 BD 3B 7F E5 B6 04 B4 9D 4D	2964FD3210EA68FAA2B4A849B36243D33F74429D1B43CE019E7B154EAC7759BA	2A DD 9B 91 83 39 E6 B3 DA 18 11 58 C5 32 E5 AB C0 08 26 A6 A9 45 C7 35 78 A8 DA 8B C1 94 3C ED	10/31/2023	10/28/2033
C=US, O=CLOUDFLARE, INC., CN=Cloudflare TLS Issuing RSA CA 1	55 DF 90 C9 3C 35 90 95 08 86 06 6F 8B 00 B3 6C	CB89B4B505DD2FF5EDFCE618359FD6E288AD7905C2486103FF56FCD1D5DE1857	FE 60 0C 99 B1 5B 6B 2D 04 48 9E 67 AA 30 E0 D6 C6 23 59 98 6D 2B 99 6E 31 BC 9C C9 3A C5 C9 4B	10/31/2023	10/28/2033
C = US, O = Leocert LLC, CN = Leocert TLS Issuing ECC CA 1	5B 70 BA BD 1E D5 E7 41 C0 F6 C3 92 E0 5A 34 0D	79089DA0678E085080E58D54C462B313EF78416A8724FACE7D1A8937438E00C7	54 22 8C 48 43 E5 13 F5 A6 D7 28 75 71 59 0F 4F DA 85 5B DE 49 EB 8E 8E 33 D0 DD 8A 19 D3 12 B7	3/21/2024	3/19/2034
C = US, O = Leocert LLC, CN = Leocert TLS Issuing RSA CA 1	0B 45 55 82 BC 21 06 25 24 09 DD 73 D4 90 94 88	1A70FE182751E637C0E5D3D553E75BDBA1D655FFE5411D9B390B73C8378FA72C	4C B1 B7 93 5B E2 A6 5C 02 6B 81 48 37 AE B2 28 75 F0 53 0A 63 BA 4F B3 61 A5 C7 94 92 88 D6 66	3/21/2024	3/19/2034



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SSL.COM MANAGEMENT'S ASSERTION

SSL Corp d/b/a SSL.com ("SSL.com") operates the Certification Authority ("CA") services for its CAs enumerated in [Attachment B](#) and provides Extended Validation SSL ("EV SSL") CA services.

The management of SSL.com is responsible for establishing and maintaining effective controls over its EV SSL CA operations, including its EV SSL CA business practices disclosure on its [repository](#), EV SSL key lifecycle management controls, and EV SSL certificate lifecycle management controls. These controls contain monitoring mechanisms, and actions are taken to correct deficiencies identified.

There are inherent limitations in any controls, including the possibility of human error, and the circumvention or overriding of controls. Accordingly, even effective controls can only provide reasonable assurance with respect to SSL.com's CA operations. Furthermore, because of changes in conditions, the effectiveness of controls may vary over time.

SSL.com management has assessed its disclosures of its certificate practices and controls over its EV SSL CA services. Based on that assessment, in SSL.com management's opinion, in providing its EV SSL CA services in Houston, Texas, SSL.com has:

- disclosed its EV SSL certificate lifecycle management business practices in the applicable versions of its SSL.com Certificate Policy and Certification Practice Statement ("CP/CPS") as enumerated in [Attachment A](#), including its commitment to provide EV SSL certificates in conformity with the CA/Browser Forum Guidelines on its [repository](#), and provided such services in accordance with its disclosed practices
- maintained effective controls to provide reasonable assurance that:
 - the integrity of keys and EV SSL certificates it manages is established and protected throughout their lifecycles; and
 - EV SSL subscriber information is properly authenticated

throughout the period July 1, 2023 to June 30, 2024 based on the [WebTrust Principles and Criteria for Certification Authorities - Extended Validation SSL v1.8](#).



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SSL.com has disclosed the following matters publicly on Mozilla Bugzilla's platform. These matters were included below due to being open during the period July 1, 2023 through the date of this report.

Bug ID	Summary	Opened	Closed	Resolution
1832570	SSL.com: subCA/Reseller Issues	5/11/2023	6/14/2024	FIXED
1850171	SSL.com: S/MIME certificates issued prior to validation	8/25/2023	9/29/2023	FIXED
1867851	SSL.com: Findings in 2023 audit	12/1/2023	4/24/2024	FIXED
1871113	SSL.com: Issuance of one Sponsored-Validated S/MIME certificate with organization information in given Name and surname of the subjectDN	12/20/2023	5/15/2024	FIXED

 eSigner: Leonard Grove

CLP7ULH6Z0000ZKXVMG61ZEW2
 Verified Government ID

Leo Grove
Chief Executive Officer
September 4, 2024



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**ATTACHMENT A - CERTIFICATE POLICY/CERTIFICATION PRACTICE STATEMENT
VERSIONS IN-SCOPE**

Policy Name	Policy Version	Policy Date
SSL.com Certificate Policy and Certification Practice Statement	Version 1.17	May 11, 2023
SSL.com Certificate Policy and Certification Practice Statement	Version 1.18	August 22, 2023
SSL.com Certificate Policy and Certification Practice Statement	Version 1.19	September 19, 2023
SSL.com Certificate Policy and Certification Practice Statement	Version 1.20	April 18, 2024

ATTACHMENT B - IN-SCOPE CAs

Root CAs					
Subject	Serial Number	SHA256 Thumbprint	SPKI SHA256	Valid From	Valid To
C=US, ST=Texas, L=Houston, O=SSL Corporation, CN=CertLock EV Root Certification Authority ECC	2E 76 4B E9 E9 15 34 58	681B729D0267B2B5781645153F3F9351F9C5E4F9AB28A5AC1B975CBB43237270	DA 50 C9 1F B4 05 56 C4 AA 77 5E 82 FF C9 5D 0E 04 BC 2F 0D BB 1A B6 D8 FF 16 0C AA 36 D3 B1 8E	2/12/2016	2/12/2041
C=US, ST=Texas, L=Houston, O=SSL Corporation, CN=CertLock EV Root Certification Authority RSA	7C FD AE B1 74 65 EE F1	0B4DF5C46F414D455ABE028205FC37F1F989A8EE31920E3F929DC82337108014	3B B2 05 9C 6F 2D 49 C9 AD A5 24 84 6B 16 C6 DE BC C9 7B 51 FB 62 7E F9 3F F3 84 71 F5 43 E5 F3	2/12/2016	2/12/2041
C=US, ST=Texas, L=Houston, O=SSL Corporation, CN=CertLock Root Certification Authority ECC	38 00 94 EB FC E2 DB F4	BAA4F4E23C70DC1DE619CC3DDEF250A1D5073D1B9B0EBC6B64C046579871E1A3	96 D0 0C 2F 31 44 88 91 CB B2 3E E3 21 8D 3A B9 4A BD 6C 1C 81 D4 D6 27 B1 C9 7C 69 9E BF 88 AE	2/12/2016	2/12/2041
C=US, ST=Texas, L=Houston, O=SSL Corporation, CN=CertLock Root Certification Authority RSA	2E 06 F0 8D FA FF 1E 9B	167241D2019BDDDB4DE0AD7C5CA8499CC6D06E40301E1007875006C37D4BFD5BD	4D FD 2C BF 1E 31 DB 37 DB 58 7D A4 00 C7 E2 AC EF F6 10 DB C9 A9 BF 5C 9B 52 C5 CD 80 98 E2 D3	2/12/2016	2/12/2041
C=US, ST=Texas, L=Houston, O=Cyberdata LLC, CN=ecoss.com Root Certification Authority ECC R1	10 88 83 2D 3F FF E9 00	024F53114851ADB33EACC0F07C75CFE66E95BD6360627272E062FD26683A5E6C	56 D0 A4 CA 61 E3 9D E9 F3 69 94 08 B5 CA 98 4D 91 57 49 F7 80 D2 BE 20 42 18 6E 62 EE A0 1D 66	5/31/2017	5/30/2042
C=US, ST=Texas, L=Houston, O=Cyberdata LLC, CN=ecoss.com Root Certification Authority RSA R1	45 CA BA 64 C1 8F 49 BE	D72FD588F611A247E440A72A5B7D0772E8F846E456E64FCFFD44BEAF14DFC2D9	16 95 ED 67 97 52 FA 53 8B 1D CA 21 DD C5 12 BD 39 D8 76 92 C0 66 37 34 C2 9B 6F 7B 48 56 46 38	5/31/2017	5/30/2042

Root CAs					
Subject	Serial Number	SHA256 Thumbprint	SPKI SHA256	Valid From	Valid To
C=US, ST=Texas, L=Houston, O=SSL Corporation, CN=SSL.com Root Certification Authority ECC	75 E6 DF CB C1 68 5B A8	3417BB06CC6007DA1B961C920B8AB4CE3FAD820E4AA30B9ACBC4A74EBDCEBC65	A3 20 F4 D5 34 D7 BE 97 C1 AE 8D D0 49 97 35 BC 89 5C 32 3A DD 2D 38 8B FC CF 66 2C 23 D7 F9 9A	2/12/2016	2/12/2041
C=US, ST=Texas, L=Houston, O=SSL Corporation, CN=SSL.com Root Certification Authority ECC R2	21 E2 5B 95 AD 24 99 74	FECF02BC40C1C8846478D022789CB8BE031B4BB7CE477B712CAE6BE06DC8A452	E2 97 29 01 3B 7B 50 4C 48 5C EE 0F C6 32 41 37 C6 F8 BA 17 3D 39 A9 77 29 30 BE 96 56 47 65 08	5/31/2017	5/30/2042
C=US, ST=Texas, L=Houston, O=SSL Corporation, CN=SSL.com EV Root Certification Authority ECC	2C 29 9C 5B 16 ED 05 95	22A2C1F7BDED704CC1E701B5F408C310880FE956B5DE2A4A44F99C873A25A7C8	34 87 67 CD AD 3B DD 28 B2 B8 DD 53 51 AE C3 0C 68 CE C5 CD 69 D2 76 DF 38 27 DB C4 F5 80 64 64	2/12/2016	2/12/2041
C=US, ST=Texas, L=Houston, O=SSL Corporation, CN=SSL.com EV Root Certification Authority ECC R2	1E A0 54 BB 00 4F 1E F2	5D6DE7323F82EC96A1DC3ACEADF2685696EDC2431DB271C4C917FCE1CDB50299	95 62 FE 00 5C CA AA 06 BE 27 52 F8 45 E3 B3 48 57 F9 50 CA BE 5A C1 50 F9 53 81 F2 A8 06 30 F3	5/31/2017	5/30/2042
C=US, ST=Texas, L=Houston, O=SSL Corporation, CN=SSL.com EV Root Certification Authority RSA R2	56 B6 29 CD 34 BC 78 F6	2E7BF16CC22485A7BBE2AA8696750761B0AE39BE3B2FE9D0CC6D4EF73491425C	7C D6 7C 24 8F 69 D8 3F C2 F9 BB 01 DC B1 F7 AD 67 A3 63 D0 46 04 37 96 D0 98 4C 3A 23 1F 6B B0	5/31/2017	5/30/2042
C=US, ST=Texas, L=Houston, O=SSL Corporation, CN=SSL.com EV Root Certification Authority RSA R2	4E F2 32 17 6D 9B EA 14	89EFEB25096BA4CCD40AF4FB8756F0A4843995974822020914C4E859D932B7F3	7C D6 7C 24 8F 69 D8 3F C2 F9 BB 01 DC B1 F7 AD 67 A3 63 D0 46 04 37 96 D0 98 4C 3A 23 1F 6B B0	4/6/2017	4/5/2042
C=US, ST=Texas, L=Houston, O=SSL Corporation, CN=SSL.com EV Root Certification Authority RSA R3	24 CC 8D FC BE 53 22 03	ACC733F67845FF98F7FAB106A3155014EB2C93685860BC9C5356AA52865E530A	FE 5D 9F A5 92 7A 67 EF 64 A3 63 9C 1F D8 EA E2 F1 6E 40 F0 1C 57 53 88 39 1D 60 8D 76 F9 DF 53	5/31/2017	5/30/2042

Root CAs					
Subject	Serial Number	SHA256 Thumbprint	SPKI SHA256	Valid From	Valid To
C=US, ST=Texas, L=Houston, O=SSL Corporation, CN=SSL.com Root Certification Authority RSA	7B 2C 9B D3 16 80 32 99	85666A562EE0BE5CE925C1D8890A6F76A87EC16D4D7D5F29EA7419CF20123B69	D1 C4 53 77 EB DC D6 18 CD 16 51 DC 2E 02 C2 1D 75 1E 5A A9 FC D1 B3 43 1F F6 EC F6 A3 13 48 FA	2/12/2016	2/12/2041
C=US, ST=Texas, L=Houston, O=SSL Corporation, CN=SSL.com Root Certification Authority RSA R2	5B 37 98 CA 35 9B 9B EE	69305226F30AECB43C95127C3AE243097030C1B3E87504D0A60B2A03F0009DF7	E1 2E C3 18 9C FA E9 F2 01 64 ED 19 71 22 D5 98 DC AC 0D A8 49 14 1C 11 83 AD 54 31 C9 1A 6B 1A	5/31/2017	5/30/2042
C=US, O=SSL Corporation, CN=SSL.com TLS RSA Root CA 2022	6F BE DA AD 73 BD 08 40 E2 8B 4D BE D4 F7 5B 91	8FAF7D2E2CB4709BB8E0B33666BF75A5DD45B5DE480F8EA8D4BFE68EBC17F2ED	2B CF 55 3A 66 F5 70 90 0D DD 32 BA 6D FE 1E CC 06 C9 18 2D 66 2D C1 B6 0E 1F 7B 76 7C 2B DD 54	8/25/2022	8/19/2046
C=US, O=SSL Corporation, CN=SSL.com TLS ECC Root CA 2022	14 03 F5 AB FB 37 8B 17 40 5B E2 43 B2 A5 D1 C4	C32FFD9F46F936D16C3673990959434B9AD60AAFBB9E7CF33654F144CC1BA143	1B F0 0D 5C 8F 13 C0 94 DD 17 E0 05 04 CF 08 88 85 0F 12 FD 06 7F A1 F9 2C 0F DB F6 0B 86 E3 21	8/25/2022	8/19/2046

Cross-Signed CAs					
Subject	Serial Number	SHA256 Thumbprint	SPKI SHA256	Valid From	Valid To
C = US, ST = Texas, L = Houston, O = SSL Corporation, CN = SSL.com EV Root Certification Authority RSA R2	62 F8 12 A3 5F 52 BD 74 B7 18 D6 10 AC 4B 47 83	B97176F21B6ED64609267B2D1A2A9FAF0C4DEBD44644DC85EB6AE986FC867D56	7C D6 7C 24 8F 69 D8 3F C2 F9 BB 01 DC B1 F7 AD 67 A3 63 D0 46 04 37 96 D0 98 4C 3A 23 1F 6B B0	9/11/2018	9/11/2023
C = US, ST = Texas, L = Houston, O = SSL Corporation, CN = SSL.com Root Certification Authority RSA	E4 27 04 95 F6 8C 91 D6 D0 EC 7B 49 4E A4 DF 1C	ACF718DF838E640051777D1947F51620E8D804BA186553AE52FC9811B5D34B8B	D1 C4 53 77 EB DC D6 18 CD 16 51 DC 2E 02 C2 1D 75 1E 5A A9 FC D1 B3 43 1F F6 EC F6 A3 13 48 FA	9/11/2018	9/11/2023
C = US, ST = Texas, L = Houston, O = SSL Corporation, CN = SSL.com EV Root Certification Authority ECC	7F A3 2B 28 B1 C9 AB 6C	60EF412EABE7C3FC6399EED1B633B777747515B29D721B963DD258BC498AB292	34 87 67 CD AD 3B DD 28 B2 B8 DD 53 51 AE C3 0C 68 CE C5 CD 69 D2 76 DF 38 27 DB C4 F5 80 64 64	2/14/2019	2/12/2027
C = US, ST = Texas, L = Houston, O = SSL Corporation, CN = SSL.com Root Certification Authority ECC	3F 2C 60 8C 5C F9 63 21	06B9722A699C57DFF1869F430B479BB6EB49AAE1184EAC9C5325C1334A34EA4C	A3 20 F4 D5 34 D7 BE 97 C1 AE 8D D0 49 97 35 BC 89 5C 32 3A DD 2D 38 8B FC CF 66 2C 23 D7 F9 9A	2/14/2019	2/12/2027
CN=SSL.com TLS ECC Root CA 2022, O=SSL Corporation, C=US	3B 0E 70 1D 53 CB B7 14 50 A2 31 96 0F 41 99 9C	AC25863BA43B96AEA864BA2AA256022AF9D38DC93E97437F3DE603CC487306CB	1B F0 0D 5C 8F 13 C0 94 DD 17 E0 05 04 CF 08 88 85 0F 12 FD 06 7F A1 F9 2C 0F DB F6 0B 86 E3 21	11/7/2023	11/3/2038

Cross-Signed CAs					
Subject	Serial Number	SHA256 Thumbprint	SPKI SHA256	Valid From	Valid To
CN=SSL.com TLS RSA Root CA 2022, O=SSL Corporation, C=US	32 6F 64 E9 70 34 C6 F7 A3 94 6A 50 A3 ED 04 FE	6BCB147D41E9B577F40002A5C4BA08846737805AAFE8554DD0E72204F6007BA7	2B CF 55 3A 66 F5 70 90 0D DD 32 BA 6D FE 1E CC 06 C9 18 2D 66 2D C1 B6 0E 1F 7B 76 7C 2B DD 54	11/7/2023	11/3/2038
C=US, O=SSL Corporation, CN=SSL.com EV TLS Issuing ECC CA R1	A5 CD B3 B6 45 32 1F 63 F5 4F A6 CB 45 78 91 BC	3B8C379F23FA22256A0E1F44D92F0A0FC770BCDE9F8557F160149BCDA22EDE78	70 2A B0 CD E3 26 71 8F 46 03 0A 06 D4 21 60 B8 45 07 3C 8F 0C 10 69 E0 D6 25 A6 7C F8 20 E8 7E	6/21/2024	12/31/2028
C=US, O=SSL Corporation, CN=SSL.com EV TLS Issuing RSA CA R1	AE 6A 94 6A 4C 88 DE 0F B5 03 22 BF 40 D9 93 D2	1DAF812025E2376279C074050EE35E1B2D909F8B57A00F82B7B5D28120C3582A	DD E6 CD 5A 44 7A AA 14 AC 57 39 37 5A 46 D7 AA 65 B4 6A B7 8D C4 2F BE E9 47 94 FB E1 00 F4 8A	6/21/2024	12/31/2028
C=US, O=SSL Corporation, CN=SSL.com EV TLS Transit ECC CA R2	75 E0 A2 E4 F7 06 85 F7 C7 47 E3 B0 7D 0C B8 A6	7FE5572FBE934AFC4151651FEF098B9940A47966C4085577314D7104CDE84329	62 19 B0 41 94 71 B8 C3 0B 4F A4 0A DD CA 92 07 74 82 B6 42 81 22 0A 8E 61 40 B5 50 28 B1 19 43	6/21/2024	12/31/2028
C=US, O=SSL Corporation, CN=SSL.com EV TLS Transit RSA CA R2	58 2A 35 24 1F C8 C2 D6 5E 1A F7 4C F9 ED 0B F1	A4270E5251691F6EC40CF774C6717E2EFEC3EB1E384607DC75836296AAA15C59	04 1D 09 65 CF 95 85 4B BD 9E 2E B8 3C D9 82 65 65 45 09 93 0E 2C 60 CA 8D F6 7D F8 1F 7D F3 74	6/21/2024	12/31/2028

Cross-Signed CAs					
Subject	Serial Number	SHA256 Thumbprint	SPKI SHA256	Valid From	Valid To
C=US,O=SSL Corporation,CN=SSL.com IV TLS Issuing ECC CA 1	CE 50 B7 B4 5D 39 FE 9F E4 D7 C7 3E C6 B3 51 3E	E3191026C526487A05F68ADF4B8CA395C044AA6B5E72A70E8739DA71A860D0DB	65 DE 42 14 85 9D 92 8F 06 75 20 60 BF DC 48 63 6B D0 2C 3A 65 08 A0 10 81 3E DB 46 B1 4A 71 5A	6/21/2024	12/31/2028
C=US,O=SSL Corporation,CN=SSL.com IV TLS Issuing RSA CA 1	FA FA 58 86 1E 4E C5 EF 96 73 08 16 AA 16 31 FD	1372C7B4D6AC3A438BDFC87A29D303315FF34FC5B1E73205936B7B99284A8AF5	9A 1C E1 0A 8D C4 10 4C 97 23 73 E2 78 E8 6D 87 47 D5 68 96 2F 5E D4 EE D7 81 D0 10 52 4D 43 5F	6/21/2024	12/31/2028
C=US,O=SSL Corporation,CN=SSL.com IV TLS Transit ECC CA 1	0A 44 1A 47 B5 28 D8 D7 C1 29 E3 11 35 4D 38 EB	3708FB804391C75AA5D81235C214F398C6DCA6C9492A3AFDE92A5FD92FE48FAB	52 E8 DF D8 C3 C0 DF 92 E0 E7 40 21 AE 11 46 3C 44 4A FD 91 C3 44 9C 5C DD 79 B2 8F 8D CF 74 4B	6/21/2024	12/31/2028
C=US,O=SSL Corporation,CN=SSL.com IV TLS Transit RSA CA 1	7A 7C F7 D2 F4 B6 FC 07 27 BF 25 8D DA EB BA C8	B90CF398E1BE2E59C6BF1E0F7F996CAB2E1533734A0BC328989C135EB19D6729	47 F3 B9 24 9F 5B 89 73 2D 12 79 A2 38 3A 6E 90 1B 5E 17 07 C9 33 43 17 C1 05 A2 4A C8 C9 00 B4	6/21/2024	12/31/2028
C=US,O=SSL Corporation,CN=SSL.com OV TLS Issuing ECC CA 1	3F 43 B6 9D 7F 6B 3F E3 B5 03 4E 73 89 F1 5E 3E	D306BF0D85BD10D083A1ECA5B38D40149E5C450F996021CC08DE254D1722E619	FF 58 09 92 DD 01 95 95 FC F2 22 65 96 78 A4 E8 11 E0 FC C2 DB 61 B6 E7 6F E6 10 9A F2 71 41 A9	6/21/2024	12/31/2028

Cross-Signed CAs					
Subject	Serial Number	SHA256 Thumbprint	SPKI SHA256	Valid From	Valid To
C=US,O=SSL Corporation,CN=SSL.com OV TLS Issuing RSA CA 1	36 63 78 92 4D 25 2F 77 05 94 21 46 4B 3D DA C4	C28A1FDF14AE3F045FBC5E1602A01030A77236CC52267F2360899C832E975C15	84 08 C7 7B ED C1 CA 42 25 82 32 CD 4C E5 8B 30 34 9A 34 0E E2 58 33 01 7F DB CC 1D 01 71 05 F3	6/21/2024	12/31/2028
C=US,O=SSL Corporation,CN=SSL.com OV TLS Transit ECC CA 1	84 D6 18 12 7F F7 67 6B 83 4A A0 F0 60 B7 7B 4A	28DE5F98B2DB4C4381FDA8307AC9C355DB898966B525665A019F5D6DFE7EF1CA	44 50 44 38 D9 86 9E 8B 41 38 CD 47 36 D3 71 D2 7A 9E A8 FA A7 70 FA E1 C5 66 6E 12 5D 12 BC 18	6/21/2024	12/31/2028
C=US,O=SSL Corporation,CN=SSL.com OV TLS Transit RSA CA 1	90 7E 82 C9 B3 8C 5A 45 BC 80 84 C3 7E 50 F5 0F	5ABA720A2F527774D516DC12021E6248756ADF046EAE0818555E969F8E43CC1F	A3 41 D8 50 AD 5E 66 74 99 77 DA 49 E1 52 56 CD 8C 17 84 CF CA 77 BE DF 52 A9 1C 6C 08 0F C8 14	6/21/2024	12/31/2028
C=US, O=SSL Corporation, CN=SSL.com TLS Issuing ECC CA R2	73 83 11 42 9F 73 08 97 12 CD 4A FD 6D 16 FA DD	2DC7DDC440B6332274868C5E1DF5D15BD71E5A1861D22B6181BC1C2CBFA32B34	34 F4 6B 06 4F 7A B7 AE 2F 6B 2F 37 6B C2 9F EE 42 D5 F1 59 9D 8B FD 7B 42 0A 5E B3 7D BC FC F9	6/21/2024	12/31/2028
C=US, O=SSL Corporation, CN=SSL.com TLS Issuing RSA CA R1	C4 F8 45 C8 27 62 91 EC C2 B3 DD 1D C7 8C 87 4D	AB3DE819F342F0A61D199D4BE86A4F7F3F2810CDFF0B0BFF872F4D93E812CE80	D0 52 81 57 19 F2 77 82 6A F2 FF 12 4F ED EC 8C EF 96 A0 1E CF 2C 11 29 49 D8 B1 6C 71 35 2F 88	6/21/2024	12/31/2028



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Cross-Signed CAs					
Subject	Serial Number	SHA256 Thumbprint	SPKI SHA256	Valid From	Valid To
C=US, O=SSL Corporation, CN=SSL.com TLS Transit ECC CA R2	AD 8D 2D F6 46 81 A0 D3 64 47 EA A9 4F A2 73 C1	FE9FB0F783EBB843109AA31DE9DA9864B6542940C307DF23180B11F1F7E108DE	39 7C A3 F6 78 1B A8 EF 5C 8C B7 8E FF EB 7D 1A 09 76 10 FE 09 4E 75 56 1E AE 0B 13 08 45 33 DC	6/21/2024	12/31/2028
C=US, O=SSL Corporation, CN=SSL.com TLS Transit RSA CA R2	52 5D 9F 0D 96 7A 10 7D 60 AA 67 5B 3A C1 E9 C8	EBD417F595C3F259B7455C8135293505B692C47E0F74D3BA885CE22C8875CA28	BE 7D 1E D4 31 29 60 39 CE 59 E3 52 1F 42 24 BA FA D2 F2 22 00 13 BC 79 68 1E C4 A2 50 D4 C5 2D	6/21/2024	12/31/2028

Intermediate CAs					
Subject	Serial Number	SHA256 Thumbprint	SPKI SHA256	Valid From	Valid To
C=US, ST=Texas, L=Houston, O=SSL Corporation, CN=SSL.com RSA SSL subCA	09 97 ED 10 9D 1F 07 FC	527A60B02ABF3A4A5519C4F62FBBD560E3034074EEEC8B8799AA9368693FE36D	EC B7 01 E5 9F 00 4D 5C F8 AD C4 2D 21 8E 71 26 2A FC FF E1 77 7B F1 CF 8B C2 03 74 29 E3 09 A1	2/12/2016	2/12/2031
C=US, ST=Texas, L=Houston, O=SSL Corporation, CN=CertLock RSA SSL subCA	19 EF 13 7E FD 98 37 F3	096CC9B323F28AA101699B04D1F75D060C26F5C3C8E3B4EAFD08F8B822D20666	C7 1C 77 B9 5B 6B 40 6C 66 23 2A 1D F9 CE 7D F1 92 75 43 B0 96 72 1C AE 00 2F D1 54 49 94 7D 03	2/12/2016	2/12/2031
C=US, ST=Texas, L=Houston, O=SSL Corporation, CN=CertLock ECC SSL subCA	7C C0 C4 55 70 39 20 CD	46082EB4EB787B24FC84C02299955E3ABFD16733489D56606CC393409E4E231B	F4 4E 42 38 2D 31 64 FC E5 03 EA D2 B7 EC 04 39 B9 26 39 4C D0 59 76 CE 77 95 31 7D 32 19 27 13	2/12/2016	2/12/2031
C=US, ST=Texas, L=Houston, O=SSL Corporation, CN=CertLock EV RSA SSL subCA	02 5B B7 0A BA 7E 81 A8	556361EE7D772FC1519AC60AAF628DEF8467F67315FDE00FF70494EE44D70A59	FC 0A E8 DB DD 65 B7 C1 D4 FC 1B C5 6F 98 C3 06 4C 56 B6 6C ED 9F EF CF 82 92 E4 B9 4C DD 6A 11	2/12/2016	2/12/2031
C=US, ST=Texas, L=Houston, O=SSL Corporation, CN=CertLock EV ECC SSL subCA	58 55 26 EE 2D AF 63 D3	00DAE0270B9AF7210A21158F461A432D734063D5960C84E1CC779CCB65022204	C2 84 50 BC E9 77 49 96 09 98 84 64 DE 58 5B 56 BC BB D9 89 CD 2A 3E E1 E0 56 32 ED 98 18 5F A5	2/12/2016	2/12/2031

Intermediate CAs					
Subject	Serial Number	SHA256 Thumbprint	SPKI SHA256	Valid From	Valid To
C=US, ST=Texas, L=Houston, O=SSL Corporation, CN=SSL.com Root Certification Authority ECC	3F 2C 60 8C 5C F9 63 21	06B9722A699C57DFF1869F430B479BB6EB49AAE1184EAC9C5325C1334A34EA4C	34 87 67 CD AD 3B DD 28 B2 B8 DD 53 51 AE C3 0C 68 CE C5 CD 69 D2 76 DF 38 27 DB C4 F5 80 64 64	2/14/2019	2/12/2027
C=US, ST=Texas, L=Houston, O=SSL Corporation, CN=SSL.com EV Root Certification Authority ECC	7F A3 2B 28 B1 C9 AB 6C	60EF412EABE7C3FC6399EED1B633B777747515B29D721B963DD258BC498AB292	A3 20 F4 D5 34 D7 BE 97 C1 AE 8D D0 49 97 35 BC 89 5C 32 3A DD 2D 38 8B FC CF 66 2C 23 D7 F9 9A	2/14/2019	2/12/2027
C=US, ST=Texas, L=Houston, O=SSL Corp, CN=SSL.com EV SSL Intermediate CA ECC R2	3C 7D 3B E6 7F A3 ED 6D 30 EB D0 F0 B4 DF 83 9C	8394E3D07EFCDD1E97EA6CBA214C3A055C17DD9A7EBF8DDE0020FCDDDB76F28653	77 5B 4A B9 1D 9A 14 59 E1 C3 C7 91 06 83 5E 8B BB 01 E1 85 91 D6 24 26 38 49 86 07 7D FB 03 49	3/7/2019	3/3/2034
C=US, ST=Texas, L=Houston, O=SSL Corp, CN=SSL.com SSL Intermediate CA ECC R2	1C D7 12 12 DE 15 10 D9 12 82 DA 33 10 4A 10 2F	948B7111AF42F546D579CFF5CE2BDEC82134DD9914842BDDDB0C52872EB604E39	CC 68 00 E0 E5 38 0E 32 5D BE 94 58 52 A6 E2 E5 58 76 83 D5 B9 39 CF CF 80 A8 A1 CB D9 A4 2E C1	3/7/2019	3/3/2034
C=US, ST=Texas, L=Houston, O=SSL Corp, CN=SSL.com EV SSL Enterprise Intermediate CA RSA R2	72 EB 6E F3 C5 19 A7 24 08 D1 5A A2 4D EB 68 F0	9B25A6A7BD51BC5F5C4F06E0D1218FD370DD31FAFD5CD3B627C82F202F1B4657	BD C2 FA 91 53 F7 8C FF 21 6D 39 F9 03 EB 72 29 ED 48 58 85 81 16 78 6F 52 F6 B7 AA 6B C4 1B 62	3/26/2019	3/22/2034
C=US, ST=Texas, L=Houston, O=SSL Corp, CN=SSL.com SSL Enterprise Intermediate CA RSA R1	7A 46 09 3E 23 7C BB A8 D0 21 CE 1C 70 AA F0 0C	EDAC9C45909F4DEC7BB65F0A4FBF6A8A0375E52AEDD66E06888FED7E3EDEC537	A0 A0 29 36 90 CB DA 1C EF 07 A7 EA 37 AC 9F 5B 16 DD A3 11 76 96 F9 D5 64 BC 36 E1 CF 4C 35 65	3/26/2019	3/22/2034

Intermediate CAs					
Subject	Serial Number	SHA256 Thumbprint	SPKI SHA256	Valid From	Valid To
C=US, ST=Texas, L=Houston, O=SSL Corp, CN=SSL.com EV SSL Intermediate CA RSA R3	03 A3 F4 D0 60 30 52 A3 37 CE 38 0A 88 30 31 8C	85DB0BEED0668D04D7074000F98E84B08D0FD5429FF4A262DE7CBC1528A1A1DA	E1 5E 8A 26 FD 3D 8F 8C 02 4D D0 75 90 6F 3E AD F3 3B 5C 21 31 60 4A 62 5C 21 B3 24 D2 F9 F0 84	3/26/2019	3/22/2034
C=IL, O=Domain The Net Technologies Ltd, CN=Domain The Net Technologies Ltd CA for EV SSL R2	46 97 9A 4D E6 32 3C F3 53 A1 4C 90 5E 20 FF B3	3F31DB75828DAA96E4DE5B82A0678FE2023BD5B246C3F9250CBF6718E10958F5	2E 4D 7D 02 43 48 0B B0 30 1C D1 79 1E C5 3F A6 10 84 9D 40 48 F9 E8 80 D2 66 C5 87 1C 5E 42 C4	4/1/2019	3/30/2024
C=IL, O=Domain The Net Technologies Ltd, CN=Domain The Net Technologies Ltd CA for SSL R2	3F 0D 9C 83 67 28 98 D0 03 43 D9 B5 27 EE 4A 20	EAE59BA2CC33281A5CDDEC50CFBFD9DD0CA5565F3CEF698C9366A10CEC087F97	D4 50 6A 2F 24 6C 3F C8 9B C5 75 EC 5B AE 0B 61 61 93 79 83 06 4A C5 13 30 51 1E B5 44 1A 90 3F	4/1/2019	3/30/2024
C = NZ, O = SafeToOpen Ltd, CN = SafeToOpen EV TLS ICA RSA R1	40 DB 37 04 96 43 5E 7D F5 16 8E F4 F5 7E FC DA	C2D4FDFBBD82F4A1CDAC4713E3AB0999560918D7A170DDE03F7DDBF9A288DCDC	C1 C7 A8 4F 24 9A 2C 25 D8 EC 50 00 06 53 1A D5 E0 78 15 CD 95 A1 D7 3C CD 24 22 8F E8 2D E8 AA	10/1/2019	9/28/2029
C = NZ, O = SafeToOpen Ltd, CN = SafeToOpen TLS ICA RSA R1	70 4D 71 60 F4 1F E6 87 15 D4 90 8D E4 EE 16 39	DFCCDBF077D142D7923F6316DD411E462C7A8BC04781F2B87065A5C5E258A7E0	B9 0E 1C CC 96 89 86 BA E2 05 D2 31 97 B4 B2 3F 05 FC 5B 2E 33 D7 66 A3 F5 9A 82 6F 79 9D 62 9A	10/1/2019	9/28/2029
C = GB, ST = London, L = London, O = Anson Network Limited, CN = AnsonNet TLS Issuing RSA CA R1	31 68 24 E5 96 BC A1 B1 14 AC 00 4A A5 5A 4F 90	92CE7EA7424B3E7A2C14C26E0D572ADBD556E05E2B2A8BD3761C695254255856	98 F4 A1 44 D9 01 52 9D 55 81 7B 9A 88 86 C8 76 1F B9 95 C6 3A 9C 6E 04 BF 0F 9D C2 D8 E4 D3 A0	10/6/2020	10/4/2030

Intermediate CAs					
Subject	Serial Number	SHA256 Thumbprint	SPKI SHA256	Valid From	Valid To
C = CH, ST = Luzern, L = Luzern, O = swissns GmbH, CN = SwissNS TLS Issuing RSA CA R1	42 BF 6C D1 88 7B BE E8 DE BD 79 80 1E A2 D7 D0	37FD29C701D6977998F205153EA8A4C2E996354DF072D4984DC5D8B1F75A2B61	28 07 5A F8 B2 45 78 6B 46 B6 10 AA 09 E8 DE AF 61 14 02 B1 59 35 EF 9F 9A 59 0B 76 19 1D 70 97	10/6/2020	10/4/2030
C = US, O = Staclar, Inc., CN = Staclar TLS Issuing CA R1	29 E0 FB 0E DE 5C 14 37 6C A3 2A 11 A7 34 50 4D	FE6B6F9E44B670797D52E5F16EF1BB10B49EB3AD662522FC632B37DF9A5044CD	DA 1A CA DB 62 11 09 E4 1C D2 1B A1 08 21 93 48 A6 36 47 42 E6 C9 E1 54 68 7E 00 AD 14 7A 61 47	6/23/2021	6/21/2031
C = VN, L = Ho Chi Minh, O = Hao Quang Viet Software Company Limited, CN = MuaSSL EV TLS Issuing ECC CA R1	32 EF B8 E0 49 19 BF E1 6E 55 6D 2D 76 36 7E 31	785FD32364C457E2AEB4353AA95808F371AA8906E11C40E13C338A6B3EE73BE1	2A CC A6 44 8D 85 8A 1A 19 E5 CE 66 D3 4D 1B 93 3A 58 AA 4F 4E 7D 72 8C 04 FC FB 58 4A 1D A8 48	11/6/2021	11/14/2031
C = VN, L = Ho Chi Minh, O = Hao Quang Viet Software Company Limited, CN = MuaSSL EV TLS Issuing RSA CA R1	1D DE 2C 57 C2 F0 C4 1D 99 E4 91 97 65 C7 1C 3B	38F58CAF650CCD4F6027D1C922682891A165FEF491FC1D333FE8A9C851586D48	D7 70 1B 4C 03 E0 4A 8E 19 11 79 7F D5 DE 77 B4 18 5D 93 FD 4E 66 9E 36 A1 9F 14 A3 C7 FE D2 0B	11/6/2021	11/14/2031
C = VN, L = Ho Chi Minh, O = Hao Quang Viet Software Company Limited, CN = MuaSSL TLS Issuing ECC CA R1	45 8E 97 B2 62 F4 01 20 90 16 B6 26 84 D2 01 4E	623ABEC6F85A7028ACA10F5BDC5D81B56B6314DF28743FFCC84ECA32F35AE846	69 66 9D 0A 9E E4 31 C7 DF B9 C7 5C B6 03 76 B9 1E CE 05 99 BE 5C 92 34 F6 D3 8B C6 32 DB 86 FF	11/6/2021	11/14/2031
C = VN, L = Ho Chi Minh, O = Hao Quang Viet Software Company Limited, CN = MuaSSL TLS Issuing RSA CA R1	31 EE 6F 1D BF 75 C3 A6 00 56 3B E0 46 7A 20 3A	52999873A3D12A4571DB9A160576A9D951AD4E4A7DA31C5C10613805E9224325	EB AE 70 FC D6 6C 3C EE D3 11 7C 06 49 19 C7 CF 96 C6 43 7B 5E 0E 89 4A AD 30 6B 5E 18 DC 1D CC	11/6/2021	11/14/2031

Intermediate CAs					
Subject	Serial Number	SHA256 Thumbprint	SPKI SHA256	Valid From	Valid To
C=CY, CN=3CX CA RSA R1,O=3CX	63 59 AB E4 F9 BA 50 56 54 00 B6 66 1A 5C A5 CF	4E93BCADD5D4E95331AE362DF9C6066CCA7F942A8FDE4D3EE011DE34074F5840	6D E9 29 EA 07 EA 97 D0 39 92 10 FD 40 9B C3 11 CD 3C EB D3 E8 3D 0D 56 8E 38 48 53 41 82 65 02	1/12/2022	1/10/2032
C=TR, O=E-TUGRA EBG BILISIM TEKNOLOJILERI VE HIZMETLERI ANONIM SIRKETI, CN=E-Tugra TLS RSA CA R1	5E 07 E2 92 08 73 13 FE D2 41 65 A2 95 A0 1B 41	586A5C9836D9FB3BE863BA765A7966D940297FEC7BDD488016C7AA1EAE1F1D51	D6 F7 71 6F 4E EF D0 2F B9 7C 1A BA 18 F6 A0 7C 7B DD C9 9D F5 13 BF 00 DA E2 A3 8D C1 E9 DD 9D	2/28/2022	2/26/2032
C=TR, O=E-TUGRA EBG BILISIM TEKNOLOJILERI VE HIZMETLERI ANONIM SIRKETI, CN=E-Tugra TLS ECC CA R1	43 BD 37 AA 55 BD 4F 67 03 46 5D 9A F4 96 99 D7	108162F2B35ED71C6EA9502F94B93E9754789DDE871B2AC26CE06D47207A95CC	EF B2 9D 8B C5 EB F5 4C C8 BB 96 82 B8 F9 CD DE CB CF EA 60 9D 71 29 E9 1D AD 95 E9 EF 31 D7 30	2/28/2022	2/26/2032
C=TR, O=E-TUGRA EBG BILISIM TEKNOLOJILERI VE HIZMETLERI ANONIM SIRKETI, CN=E-Tugra EV TLS RSA CA R1	53 29 17 D7 B3 59 3F 2C F9 02 6B 1C 3D A8 E4 8E	24E7A0475697793ABF3E0DDB04D542FFE7C93CC71D19F6067144ACA89A4CA678	C7 26 F3 35 EF B7 42 C3 FC EC D1 B7 CE 20 A7 99 D3 10 09 28 BF 22 68 49 8F E7 FA 73 B3 F6 2D 58	2/28/2022	2/26/2032
C=TR, O=E-TUGRA EBG BILISIM TEKNOLOJILERI VE HIZMETLERI ANONIM SIRKETI, CN=E-Tugra EV TLS ECC CA R1	20 50 ED 42 B8 85 22 A8 B0 41 C2 68 2D 71 28 0B	7BA8F0BB49F501E9BB72E3A13708C6A933140FDC65592A37ACDE66AD07DE607E	E1 97 C9 88 41 B4 9E FB 96 76 B5 F2 5C 59 BB 23 FE 5F E6 41 8F AF 3D 7B 37 47 58 78 AF 5F 4C 1F	2/28/2022	2/26/2032
C=TR, O=E-TUGRA EBG BILISIM TEKNOLOJILERI VE HIZMETLERI ANONIM SIRKETI, CN=E-Tugra TLS RSA SubCA R1	72 14 56 C6 1F 04 10 4B 5C 2B 0F F6 00 2A 22 84	7FD28377C87C898E9094C93EA00BF107ABE11DB80B3D85E2B4A662697681235B	45 3E 51 BB 8C 95 A4 0F 35 E1 1F 86 2D 7B FD 99 E3 D9 A9 7C 00 7E EA 73 F9 95 CB A4 5B 96 FF E3	3/4/2022	2/26/2032

Intermediate CAs					
Subject	Serial Number	SHA256 Thumbprint	SPKI SHA256	Valid From	Valid To
C=TR, O=E-TUGRA EBG BILISIM TEKNOLOJILERI VE HIZMETLERI ANONIM SIRKETI, CN=E-Tugra TLS ECC SubCA R1	4B 35 91 AC 47 79 31 02 0D 79 93 01 00 89 77 FE	3687AF02C49731CA34FE4FDB9B5E5E0ECACD8A206956F19AFB38203AC5F0A567	2C 4A 68 3C 12 27 BD D3 CA BC 19 C4 BE 03 86 54 3E A7 88 5D 69 D1 2C 8F 97 C0 95 97 56 26 63 70	3/4/2022	2/26/2032
C=TR, O=E-TUGRA EBG BILISIM TEKNOLOJILERI VE HIZMETLERI ANONIM SIRKETI, CN=E-Tugra EV TLS RSA SubCA R1	2B 0F 55 D4 E4 FC 35 4B 3A 78 B7 B6 89 C4 34 CB	6762522E4B57AED0960574AB061F79EEA068C5AE3D815F50A971CEC4958A92B8	43 BB E8 1E 6A F0 FA 82 91 4B 0A 38 FB 5F 53 FF 33 2D 3E D6 03 EE 28 B1 11 CA 48 75 2A 23 EB AD	3/4/2022	2/26/2032
C=TR, O=E-TUGRA EBG BILISIM TEKNOLOJILERI VE HIZMETLERI ANONIM SIRKETI, CN=E-Tugra EV TLS ECC SubCA R1	5D E1 44 BD 52 A7 2B 75 69 E6 A9 46 F3 88 A3 BC	A36C1CC623ECF3ED899A9AC14FDD5620919858E621E6877E01EF50DA1DB6A3AB	C4 8D 38 D9 F4 FD 4E B0 A3 92 71 FE 3C EA 79 3E 84 58 CB 6F CD 7C DD 86 79 72 FA E5 1A 3D D3 BE	3/4/2022	2/26/2032
C=TR, O=Isimtescil Bilisim A.S., CN=TrustSafe TLS RSA SubCA R1	47 83 86 6C 57 49 82 F9 D9 EF 8F AD D7 A0 50 37	98A0C3BA1899258595D04F15D134C5732E864B755C648A48D1C17F0A260EF5A7	FD 2A D4 19 8B 16 A4 35 B8 E2 AF E0 20 F2 F8 7B EB CA AE 82 CF BB 4F E7 D0 EC 92 66 F6 F9 83 A5	3/4/2022	2/26/2032
C=TR, O=Isimtescil Bilisim A.S., CN=TrustSafe TLS ECC SubCA R1	71 0D BF 46 61 D9 33 7A CB 56 22 DF C2 77 CA A7	5EAF05CFC9A017730D01E6688D6E39710E01FDE374E74B1B25D3A48076AE5DB8	48 A8 E9 B6 53 47 CE 01 2F C8 0A D5 AD D4 EE A7 C3 91 90 65 86 8A 49 B7 88 59 8B 24 8E 19 44 63	3/4/2022	2/26/2032
C=US, O=SSL Corp, CN=SSL.com EV TLS Transit ECC CA R1	11 1E 88 BA DA F8 0F 1C 4A 3D 6A 68 9B C7 64 4D	619079F100A6BFB65CB2E98890DD0AC492B64665E254A66A529D8F5917D82AB1	4C 91 7F D7 CF 9C E9 AC DE F6 9B 58 A2 10 F2 56 A5 BC AA 95 C1 9C 90 C5 BF B5 62 6C 9F 0C C2 B9	2/28/2022	2/24/2037

Intermediate CAs					
Subject	Serial Number	SHA256 Thumbprint	SPKI SHA256	Valid From	Valid To
C=US, O=OCLC, Inc., CN=OCLC TLS Issuing RSA SubCA R1	5F 5B 37 D3 E9 61 02 5A 95 80 7C 99 45 73 AD B5	E7527E30D473AEC3B162AFDC47095449D2DD5494CE862E2FE4F436C081262F64	B5 32 DC 52 5C 41 EC 76 D7 AA 59 5C 72 64 E1 67 F5 BF D7 55 01 5C 6E B8 15 59 A0 E8 36 4F 77 19	9/22/2022	9/19/2023
C=US, O=SSL Corporation, CN=SSL.com TLS Transit ECC CA R2	60 4D 8A F8 D0 0B A8 74 8B 95 58 53 17 2C 5F 2E	5D1BC399274E649E1C72697DE91A54AD725088C5221CB61E17EE9C290BC42A92	39 7C A3 F6 78 1B A8 EF 5C 8C B7 8E FF EB 7D 1A 09 76 10 FE 09 4E 75 56 1E AE 0B 13 08 45 33 DC	10/21/2022	10/17/2037
C=US, O=SSL Corporation, CN=SSL.com TLS Transit RSA CA R2	20 28 1D D3 86 17 1E BF 05 20 45 B3 37 F2 BD 86	FFE930442DFEB69CE29A908B6A639B370BD6BA6075F931AB83561D938B453A21	BE 7D 1E D4 31 29 60 39 CE 59 E3 52 1F 42 24 BA FA D2 F2 22 00 13 BC 79 68 1E C4 A2 50 D4 C5 2D	10/21/2022	10/17/2037
C=US, O=SSL Corporation, CN=SSL.com EV TLS Transit ECC CA R2	63 49 84 8E E7 D2 44 F1 31 A6 19 CE 3A 92 1C 5D	4CF773F955FDB7A97DB1250F2FD7BA36075A96166BB5CC417B5C021D0F70ADF2	62 19 B0 41 94 71 B8 C3 0B 4F A4 0A DD CA 92 07 74 82 B6 42 81 22 0A 8E 61 40 B5 50 28 B1 19 43	10/21/2022	10/17/2037
C=US, O=SSL Corporation, CN=SSL.com EV TLS Transit RSA CA R2	21 71 43 8C ED C2 DD 04 73 D5 EC 40 9E 43 73 28	6CC95D21D4C7BA39736E4E703E4260B7EFB6DCCD91431ED5C43D7E0986B39554	04 1D 09 65 CF 95 85 4B BD 9E 2E B8 3C D9 82 65 65 45 09 93 0E 2C 60 CA 8D F6 7D F8 1F 7D F3 74	10/21/2022	10/17/2037
C=US, O=SSL Corporation, CN=SSL.com TLS Issuing ECC CA R2	5D 74 43 B9 94 D3 21 F2 67 F2 04 F1 84 4A C7 32	7F3EE6366236EDE6C1F7C21C443C644D32153EDAA9357C3A6DA879CDF2A6B0B6	34 F4 6B 06 4F 7A B7 AE 2F 6B 2F 37 6B C2 9F EE 42 D5 F1 59 9D 8B FD 7B 42 0A 5E B3 7D BC FC F9	10/21/2022	10/18/2032

Intermediate CAs					
Subject	Serial Number	SHA256 Thumbprint	SPKI SHA256	Valid From	Valid To
C=US, O=SSL Corporation, CN=SSL.com TLS Issuing RSA CA R1	26 B9 FF E4 59 6F A6 1E 1A F2 1C 63 D6 72 74 8A	BFBC39E9FA2B84C9A92337E2344EE2381D8D3D3AE8EA75EF4E48E5807ED80C69	D0 52 81 57 19 F2 77 82 6A F2 FF 12 4F ED EC 8C EF 96 A0 1E CF 2C 11 29 49 D8 B1 6C 71 35 2F 88	10/21/2022	10/18/2032
C=US, O=SSL Corporation, CN=SSL.com EV TLS Issuing ECC CA R1	58 3D 15 21 7B 32 62 7E 14 E5 48 DF 13 50 81 A9	68255D5EA52D2CA9A0B1F8EFF8F446CECC95A80A5D880DB681F1630C0B4B214D	70 2A B0 CD E3 26 71 8F 46 03 0A 06 D4 21 60 B8 45 07 3C 8F 0C 10 69 E0 D6 25 A6 7C F8 20 E8 7E	10/21/2022	10/18/2032
C=US, O=SSL Corporation, CN=SSL.com EV TLS Issuing RSA CA R1	3A 68 0D CA 7D 82 C0 83 4B 32 89 D1 2A 7F 00 F4	ECBD2002FB15D690EB29CCA7371D97F84FAE7F1FF67BD039323BADAF5CAD9148	DD E6 CD 5A 44 7A AA 14 AC 57 39 37 5A 46 D7 AA 65 B4 6A B7 8D C4 2F BE E9 47 94 FB E1 00 F4 8A	10/21/2022	10/18/2032
C=US,O=SSL Corporation,CN=SSL.com OV TLS Transit RSA CA 1	17 A2 31 B2 46 5A F7 AA 19 42 78 E5 A7 05 87 88	2858D518D0774088CFE7BD5E52AAFD15C450B63C667C9F575EB22C084FC2318C	A3 41 D8 50 AD 5E 66 74 99 77 DA 49 E1 52 56 CD 8C 17 84 CF CA 77 BE DF 52 A9 1C 6C 08 0F C8 14	12/9/2022	12/5/2037
C=US,O=SSL Corporation,CN=SSL.com OV TLS Issuing RSA CA 1	22 4A 7C 22 65 ED FC D4 27 53 BD C9 49 FE 84 40	604BDD260A28EDD256E9DAA70C05CD18AC3CEC827F842590D45EA42BDDC61E42	84 08 C7 7B ED C1 CA 42 25 82 32 CD 4C E5 8B 30 34 9A 34 0E E2 58 33 01 7F DB CC 1D 01 71 05 F3	12/9/2022	12/6/2032
C=US,O=SSL Corporation,CN=SSL.com IV TLS Transit RSA CA 1	1E D8 4C 79 C0 84 DC F4 FA F7 41 3E 35 47 C4 43	C05F6E75226A6FFDF4A07A6D7473D3C51E66A57FE81138815539157DD57C5A59	47 F3 B9 24 9F 5B 89 73 2D 12 79 A2 38 3A 6E 90 1B 5E 17 07 C9 33 43 17 C1 05 A2 4A C8 C9 00 B4	12/9/2022	12/5/2037

Intermediate CAs					
Subject	Serial Number	SHA256 Thumbprint	SPKI SHA256	Valid From	Valid To
C=US,O=SSL Corporation,CN=SSL.com IV TLS Issuing RSA CA 1	61 B0 A3 BC 2F 5E 8F 57 1B 14 9A 61 DF FF F7 2D	0B9DF26FF87DF92EC265661EEC82D09F8A7531006F3CDA4D6F7288961B23B045	9A 1C E1 0A 8D C4 10 4C 97 23 73 E2 78 E8 6D 87 47 D5 68 96 2F 5E D4 EE D7 81 D0 10 52 4D 43 5F	12/9/2022	12/6/2032
C=US,O=SSL Corporation,CN=SSL.com OV TLS Transit ECC CA 1	1A 1C 8B 54 47 45 68 31 15 4E 0E A0 B7 5E D6 AC	0DA999DF66FD21CAFF5E1376ABAD37B4FD2C8AA69B25A3F60794E6F3AA47D98B	44 50 44 38 D9 86 9E 8B 41 38 CD 47 36 D3 71 D2 7A 9E A8 FA A7 70 FA E1 C5 66 6E 12 5D 12 BC 18	12/9/2022	12/5/2037
C=US,O=SSL Corporation,CN=SSL.com OV TLS Issuing ECC CA 1	30 72 D5 84 96 22 DD 9E 94 55 73 B4 B3 B7 B6 79	F1728DCAF61A28069EEA0FA1B482DD61A463F75255DD700CF60607E75E93C9A9	FF 58 09 92 DD 01 95 95 FC F2 22 65 96 78 A4 E8 11 E0 FC C2 DB 61 B6 E7 6F E6 10 9A F2 71 41 A9	12/9/2022	12/6/2032
C=US,O=SSL Corporation,CN=SSL.com IV TLS Transit ECC CA 1	21 9D D9 8A 5F 3E 1D 61 3C A3 A0 5A 9A 75 DC FC	57D61F0944948124E9B7685C7E2C9B4344E75DA9588328ECDF936AC8E80B438E	52 E8 DF D8 C3 C0 DF 92 E0 E7 40 21 AE 11 46 3C 44 4A FD 91 C3 44 9C 5C DD 79 B2 8F 8D CF 74 4B	12/9/2022	12/5/2037
C=US,O=SSL Corporation,CN=SSL.com IV TLS Issuing ECC CA 1	2D 47 1B 5C E9 D1 CE 95 88 03 1B 5F EF 3D BF E9	41EFEF46FD0E434B644BB47E6E21182A8DEF59B1E6E1F2952587FA28BF10A4A2	65 DE 42 14 85 9D 92 8F 06 75 20 60 BF DC 48 63 6B D0 2C 3A 65 08 A0 10 81 3E DB 46 B1 4A 71 5A	12/9/2022	12/6/2032
C=IL,O=Domain The Net Technologies Ltd,CN=Domain The Net Technologies Ltd CA for TLS R3	7B 63 CC 8B 29 CC 2E 93 3C A3 F3 68 5E 7E 78 B2	75585A11D7551D4EC507B8AA9EC06C06C47E40B7A5CEDD183B3C342EC7EB7A34	64 4C D3 5A 43 63 9C 27 8F 6A 83 5D 18 BC 9C 1F A0 22 09 B7 65 04 0C B4 50 AF 90 64 B0 DB 8B 10	5/26/2023	5/23/2033

Intermediate CAs					
Subject	Serial Number	SHA256 Thumbprint	SPKI SHA256	Valid From	Valid To
C=IL,O=Domain The Net Technologies Ltd,CN=Domain The Net Technologies Ltd CA for EV TLS R3	74 45 CC 7E 67 F1 AC 92 E6 9D AD 16 A9 2F E0 FC	0032295B0B9CB38A775AF5EC01ADBD2D3989200D8B7F5C7333CD1C061F882E32	D1 2D BD 9D B3 DC 3B 03 DD 30 0C 15 25 76 94 23 90 50 0E 4D CF DF 7A 29 57 24 AD 4E AF C8 63 62	5/26/2023	5/23/2033
C=MX,O=LATSSL (Intradigital Soluciones Tecnologicas S. de R.L. de C.V),CN=LATSSL TLS Issuing RSA CA 1	50 CA C8 13 D9 8F B6 AB 55 57 BF DC 3D 58 95 00	5355C4F8C6CC330B0D813D6194CF206895EE6F3977AC0C99E509260488E6D5C8	A6 EC 0A 68 55 F7 93 DD 16 70 A5 91 48 38 AE AD 64 84 6B D1 E0 B3 C3 BE F7 85 84 7B F8 1A C1 76	6/26/2023	6/23/2033
C=MX,O=LATSSL (Intradigital Soluciones Tecnologicas S. de R.L. de C.V),CN=LATSSL EV TLS Issuing RSA CA 1	09 AD AC 41 3A 8D 55 90 C9 9E B2 95 23 AD A8 51	7F1AD73878E0EA7CFD705675C4DDA688CB25E122F6C8564FDDFC14BDBF041837	A9 FD FB 7A 73 62 D4 E7 10 D4 B0 C8 0D 32 C3 80 52 02 37 02 A1 F9 F0 C4 08 20 17 53 52 90 6D 85	6/26/2023	6/23/2033
C=US, O=CLOUDFLARE, INC., CN=Cloudflare TLS Issuing ECC CA 1	2C 3F A2 69 2F 41 13 BD 3B 7F E5 B6 04 B4 9D 4D	2964FD3210EA68FAA2B4A849B36243D33F74429D1B43CE019E7B154EAC7759BA	2A DD 9B 91 83 39 E6 B3 DA 18 11 58 C5 32 E5 AB C0 08 26 A6 A9 45 C7 35 78 A8 DA 8B C1 94 3C ED	10/31/2023	10/28/2033
C=US, O=CLOUDFLARE, INC., CN=Cloudflare TLS Issuing RSA CA 1	55 DF 90 C9 3C 35 90 95 08 86 06 6F 8B 00 B3 6C	CB89B4B505DD2FF5EDFCE618359FD6E288AD7905C2486103FF56FCD1D5DE1857	FE 60 0C 99 B1 5B 6B 2D 04 48 9E 67 AA 30 E0 D6 C6 23 59 98 6D 2B 99 6E 31 BC 9C C9 3A C5 C9 4B	10/31/2023	10/28/2033
C = US, O = Leocert LLC, CN = Leocert TLS Issuing ECC CA 1	5B 70 BA BD 1E D5 E7 41 C0 F6 C3 92 E0 5A 34 0D	79089DA0678E085080E58D54C462B313EF78416A8724FACE7D1A8937438E00C7	54 22 8C 48 43 E5 13 F5 A6 D7 28 75 71 59 0F 4F DA 85 5B DE 49 EB 8E 8E 33 D0 DD 8A 19 D3 12 B7	3/21/2024	3/19/2034



Trust is what we do.

Intermediate CAs					
Subject	Serial Number	SHA256 Thumbprint	SPKI SHA256	Valid From	Valid To
C = US, O = Leocert LLC, CN = Leocert TLS Issuing RSA CA 1	0B 45 55 82 BC 21 06 25 24 09 DD 73 D4 90 94 88	1A70FE182751E637C0E5D3D553E75BDBA1D655FFE5411D9B390B73C8378FA72C	4C B1 B7 93 5B E2 A6 5C 02 6B 81 48 37 AE B2 28 75 F0 53 0A 63 BA 4F B3 61 A5 C7 94 92 88 D6 66	3/21/2024	3/19/2034