

INDEPENDENT ASSURANCE REPORT

To the management of eMudhra Technologies Limited (“emSign PKI”):

Scope

We have been engaged, in reasonable assurance engagement, to report on emSign PKI management’s assertion that for its Certification Authority (CA) operations at Bangalore and Chennai, India and at Utah and New Jersey, United States throughout the period 1 June 2024 to 31 May 2025 for its CAs as enumerated in [Appendix A\(i\)](#), emSign PKI has:

- disclosed its extended validation SSL (“EV SSL”) certificate lifecycle management business practices in applicable versions of its Certification Practice Statements in [Appendix B](#), including its commitment to provide EV SSL certificates in conformity with the CA/Browser Forum Requirements on the emSign PKI’s website, 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 (for the registration activities performed by emSign PKI)

in accordance with the [WebTrust Principles and Criteria for Certification Authorities - Extended Validation SSL v1.8](#).

The CAs enumerated in [Appendix A\(ii\)](#) did not issue any EV SSL certificate for the audit period.

Certification authority’s responsibilities

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

Our independence and quality management

We have complied with the independence and other ethical requirements of the *Code of Ethics for Professional Accountants* issued by the International Ethics Standards Board for Accountants, which is founded on fundamental principles integrity, objectivity, professional competence and due care, confidentiality and professional behaviour.



The firm applies International Standard on Quality Management (ISQM) 1, *Quality Management for Firms that Perform Audits or Reviews of Financial Statements, or Other Assurance or Related Services Engagements* and accordingly maintains a comprehensive system of quality control including documented policies and procedures regarding compliance with ethical requirements, professional standards and applicable legal and regulatory requirements.

Practitioner's responsibilities

Our responsibility is to express an opinion on management's assertion based on our procedures. We conducted our procedures in accordance with International Standard on Assurance Engagements 3000, *Assurance Engagements Other than Audits or Reviews of Historical Financial Information*, issued by the International Auditing and Assurance Standards Board. This standard requires that we plan and perform our procedures to obtain reasonable assurance about whether, in all material respects, management's assertion is fairly stated, and, accordingly, included:

- (1) obtaining an understanding of emSign PKI's EV SSL certificate lifecycle management business practices, including its relevant controls over the issuance, renewal and revocation of EV SSL certificates;
- (2) selectively testing transactions executed in accordance with disclosed EV SSL certificate lifecycle management practices;
- (3) testing and evaluating the operating effectiveness of the controls; and
- (4) performing such other procedures as we considered necessary in the circumstances.

We believe that the evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

The relative effectiveness and significance of specific controls at emSign PKI and their effect on assessments of control risk for subscribers and relying parties are dependent on their interaction with the controls, and other factors present at individual subscriber and relying party locations. We have performed no procedures to evaluate the effectiveness of controls at individual subscriber and relying party locations.

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 unauthorised 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.



Opinion

In our opinion, throughout the period 1 June 2024 to 31 May 2025, emSign PKI management's assertion, as referred to above, is fairly stated, in all material respects, in accordance with the WebTrust Principles and Criteria for Certification Authorities - Extended Validation SSL v1.8.

This report does not include any representation as to the quality of emSign PKI's services beyond those covered by the WebTrust Principles and Criteria for Certification Authorities - Extended Validation SSL v1.8, nor the suitability of any of emSign PKI's services for any customer's intended purpose.

Use of the WebTrust seal

emSign PKI'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.

A handwritten signature in black ink that reads "BDO Consulting Sdn. Bhd." in a cursive style.

BDO Consulting Sdn. Bhd.
Kuala Lumpur, Malaysia
19 August 2025



Appendix A(i):

List of Root and Subordinate CAs in Scope:

No.	Common Name	Certificate Serial No.	SHA-256 Fingerprint
1	emSign Root CA - G1	31F5E4620C6C58EDD6D8	40F6AF0346A99AA1CD1D5 55A4E9CCE62C7F9634603E E406615833DC8C8D00367
2	emSign EV SSL CA - G1	626CB92B237FF82E3F50	4334EEB2CC114F82BEE6F8 A7E5AEA03A42EB2E1F70C BD66102E414D72F0033B9
3	emSign Root TLS CA - G1	00F7AB65559E10812DF648 4347586A25	9B913476EAB476E21E0887 DBCDE44345D1359D28116 B83B7CD3E87BD807EBF68
4	emSign ECC Root CA - G3	3CF607A968700EDA8B84	86A1ECBA089C4A8D3BBE2 734C612BA341D813E043CF 9E8A862CD5C57A36BBE6B
5	emSign ECC EV SSL CA - G3	01FE3E6C68DEBBEC263E	0116F17F97CDEF4ADE2E63 CF2C1B064FD99F404D2B91 4100BC241F0781853323
6	emSign Root TLS CA - G3	00961A3EFB1359576ED040 05B4684A5B	3094025792039A68AF6E55 3686410BDAB7C0D4A36B9 084CBA64202E35D6EBDD
7	emSign Root CA - C1	00AECF00BAC4CF32F843B 2	125609AA301DA0A249B97 A8239CB6A34216F44DCAC 9F3954B14292F2E8C8608F
8	emSign EV SSL CA - C1	00BADFD29B3F1E678C6960	F6F159286A1401DE5397E2 1A0090534A85F5E7B9F98F D4A5A47B1DFFD4BFDED4
9	emSign ECC Root CA - C3	7B71B68256B8127C9CA8	BC4D809B15189D78DB3E1 D8CF4F9726A795DA1643C A5F1358E1DDB0EDC0D7EB 3
10	emSign ECC EV SSL CA - C3	1B50581F7334B30B2723	C0A578F2109E6F42D3D939 948DEEAB729B20F7B23B42 37ABD8494DF554CF985C
11	emSign Root TLS CA - G1	02A27D4E346AEF4E4F0467 8B5BB6D9EE	CEF71E70B7C29ADDF6C30 CD19E614B38FD5F02A435 A0EEDDD0087E183D101A5 1
12	emSign TLS CA - G1	437E0DB6D4E846134D00A D35463A7D	DE029E40F6BB851DA4B804 C65121D8535084FDF6B3B4 7DDF7E94B4E46A6C3437
13	EM EV TLS CA - G2A-1	35ACF2A0E598C8E849D5EE 7E724C82	684B11E56AB72502B75DAC A1CD009E3DD4BEAB3AC1F E448902D272766CCA797E
14	EM EV TLS CA - G2B	008F06A3F1D6A2FC71D293 93C71CD48E	E072B30D7F5B8BCF0080E5 1D6CC7765767072DB2319E 9BB1CD3D02A086898750
15	EM EV TLS CA - G2C	00B28103309375C0CBB9E9 B80B66C430	C3BC2B480FB1A1AB4DOBA 1ED6C7B53E096447045733 620991A32D6798D77AA20

No.	Common Name	Certificate Serial No.	SHA-256 Fingerprint
16	emSign Root TLS CA - G3	0E760672F143459FC8FE0A B0BC05E394	7DD78D5F4F13459A83DFF9 ABBBA62EDBAF6F2D102BF 257FD712F4D9F2746ED8D
17	emSign TLS CA - G3	3B6ECEC869F677EFF33445 C0E3EDC5	04E6DEA261B8720E0525E9 DA23282100352BDEBC119 CFC3DBD812C3D68A2BCDD
18	EM EV TLS CA - G3A-1	00B28971D9989A629CA9B4 E206067211	BA0A3DA706F47DAC1A9C3 3C4EE1E4D86B726EF48E70 D4319F3C949EC673A1975
19	EM EV TLS CA - G3B	00C7C41EFE92D825F05EAE 841A4A82C1	E7568FE6E12331F4FD7DE6 1DA4C7559D0F8EB192A218 D4741A3BA75184333838
20	EM EV TLS CA - G3C	008009928A64107601AF05 FA2F19F109	432EC25F0D28DE9006D97B F752F17BBB2CD41F669933 FCB072D9A1148D0261F3

List of Cross signed CA:

No.	Common Name	Certificate Serial No.	SHA-256 Fingerprint
1	EM EV TLS CA - G2A-1	46057D09344E92BB7064D4 C7219F3C2D	A57FACB931C9A20376E6FE 212F7234EFF7B8811436A4 21BEFF26F5DEA9BCC4F1
2	EM EV TLS CA - G2B	00E84B4F5D5B7BEDF7C770 DAA72EE04732	43785B01437218B8D57C2A 5B5979976ECAF06B35A710 A5CA4BB3C0C1BA65A078
3	EM EV TLS CA - G2C	00EDE78290C6A3193FCEA9 50E66DF34D20	0307BC756AAEA5398BF3B4 7D433D2BCB83470F7FEA64 0753877ADEFD910E8BF3
4	EM EV TLS CA - G3A-1	00AABA43C0D684BA96FE1 4CE7397A4EE35	D62657961AC9C5A9A52254 9E34CADE585ECBFD3869A 780C97EDF52E0EC90CEFC
5	EM EV TLS CA - G3B	00D8F8685E4F2BD9D82402 A85A1C1EB731	579480AEA166290BD3C643 589E795FC0D0E54E86505D 180F1DFF99EFD3199512
6	EM EV TLS CA - G3C	05F078752DECE7A1BB8595 D303167171	FD9D5C2DBBD4995AB69B8 D50C439D9527B00529199C 2FD01B2174EB58F07021F

Appendix A(ii):

List of Subordinate CAs in Scope:

No.	Common Name	Certificate Serial No.	SHA-256 Fingerprint
1	emSign SSL CA - G1	217AD58B1C713C002091	47B2EFBC3670E7DB4B41F2 2C51FC02EE84FB2DBF3082 A49F2C2688122E9210A1
2	emSign Class 1 CA - G1	00D59B7C9B36A2D44922EA	CF6D0333D0BE2C69A42D45 3960DEE9E109D9E8843EA3 061A1671D6EAF85EB7D8
3	emSign Class 2 CA - G1	3C5BDA55C0A236A744CD	63A8369DC824A42BC7AE6E E5D26AAFD32DF4AF677CA 18B941B7A57E33B1E3559

No.	Common Name	Certificate Serial No.	SHA-256 Fingerprint
4	emSign Class 3 CA - G1	00A08870825A326BED9611	42DA1C562F80E46DA7A321 244EFC23D0FAA9FEBBB7A A0377D96B42D9E88AB200
5	emSign Device CA - G1	0465835247364A904A8E	4C9198B673550858799AD2 744CC083C1BA0027E77D3B 8FD6D56CF53620D099E2
6	emSign ECC SSL CA - G3	72DDC7E9DCE9B0DCFFC7	6B51D1DCF4EB7AEE424185 CB1B9580574B39CB963863 DE3EC1AD31DDB076CE9F
7	emSign ECC Class 1 CA - G3	00FB1E21982EB1B55C5925	ABA6A65DCE8955BAF0685 AB88809B7699C174496EF9 EE991533251494F43CE10
8	emSign ECC Class 2 CA - G3	23E1BA02DFF3E900EDDD	4E9B731567177E1776A96D 66D9120B3DEB28B800937E A4662565B3EF5EC8000B
9	emSign ECC Class 3 CA - G3	00B8EB258324DB08ACC2F5	7066A0F42F530E0DB5AFEE 72A3B04DE614E7D2305C67 D12C756BB215E37CB975
10	emSign ECC Device CA - G3	00876282A8FD758C391EC3	70B9BA595412CF8614B767 47FD683CCA2759F4264216 4834FBFDD88505C4F1C
11	emSign SSL CA - C1	0086766B7F96DF60C46F8B	F91AACA0E4E533747A0880 BF6F6F26720DC1D05494C3 938DA6802290D5A09B32
12	emSign Class 1 CA - C1	7E065336C075C7998B63	0EF7B863FAABC384A694FF 632DAAF9BD31CED23E9246 559A59ECD7472754CCE6
13	emSign Class 2 CA - C1	1A5C82DEDCBC6A153030	05B30B3FC44F8575334BD8 12EF9FA8A52A75743E19BC 35A5BE3912ECA62C4669
14	emSign Class 3 CA - C1	00B474F64D86392189496E	69B0DD09B98F36A9CC7BD 7FFE8A00DCD319A5FC947C 9C8AF72C92894D8E81092
15	emSign Device CA - C1	00B19BE3081E2D97B5BFCB	D034B18751BEE10AAAF94C 2F14350D3F654E5B934D0D DA592B31E58187A48952
16	emSign ECC SSL CA - C3	5B7D9BB1FD33B9BC1D84	A061D445399714C38FC101 A6E9AFBDB381F112FA5DE7 D5BC14904558D1ED3276
17	emSign ECC Class 1 CA - C3	00BD6A0796AB3F8955521E	FAD2E98649F1C606150F55 269EBC035AEA22FFAC131D E64BA6900C75D8447B7E
18	emSign ECC Class 2 CA - C3	00D1142766698BFCDEDA02	DB4591F878F6672F5B7073 3A66AD7C9537B97E6F0AF5 CA49AAB8ECB2CE02F86B
19	emSign ECC Class 3 CA - C3	3D12A1CF78258D580854	5A9A03F2D3FE589BE63CDA 11820A9F25F074C92034F5 1C047D34226D252EC025
20	emSign ECC Device CA - C3	00D9365F15842A1D0689C3	3D4511D0A80AA949A6D99B 253A173471797C4459187A 6329E736C37CB5493E46

No.	Common Name	Certificate Serial No.	SHA-256 Fingerprint
21	EM DV TLS CA - G2A-1	00B6391A6D28C7886AE6FC CED2F3C1A7	3F13597D3355D341BD0932 8AEE567D7F4E002D9919B9 86F9962DAFF197EA75D1
22	EM DV TLS CA - G2B	00F0A030825E22BB2E1D88 E3889DC073	829EC444B8BE3DFD2D030A 0D9E7A1D0DD2A3C2C325D 39589C27AC9A065BAE793
23	EM DV TLS CA - G2C	00AB5DEA38BDC920D5FA4 736DA54BEBE	0427EA3CB4A7B4CB205E77 A7B166D332BEDB8E8EF469 BC5E883169C8D0AC876D
24	EM OV TLS CA - G2A-1	59491409E797EA968F05E0 FF331FEC	291804EC866837CD5AF5F4 D652F1DCC79BEC622D4F9 BF4870E5E4D8639DF3AD4
25	EM OV TLS CA - G2B	00C164DB9804F563241ED3 2C4100A566	6A7A93861982B664001710 A0EFD04C8A72F6A23E252B 280911797E0BF1BD9012
26	EM OV TLS CA - G2C	00CBDCFA0D64112709CF14 B7E4858250	DE767792E870BD32F33102 9FC89DC24C53F9DF970DC7 0F1EA30CF29DB3F94BA9
27	EM DV TLS CA - G3A-1	00A3E5AD9D0C0374A342E5 E2A3F506DD	4896D51F6537A5326272C4 12BC75990E15D4F5ECDC29 46C19776923B8E169E93
28	EM DV TLS CA - G3B	00A4AEE678F23362B4C0E4 60B772F214	42C4ACCD12C4F59597925E 1A08A7A901026085438093 08D50EC427E118BA1493
29	EM DV TLS CA - G3C	588B2E3C2BB8CDA13E1A12 09254321	0164D7CEAE5BB909C272AF 151FF44B1177AE9B47D942 4B94F1D9558C30934D19
30	EM OV TLS CA - G3A-1	00C5FB5F2D43071F5B5623 B5D132878C	259FF0963A0665BF40D92E 05E95B960CCB423DBD1174 82AE647BC7FD5F5CE644
31	EM OV TLS CA - G3B	6CADA367FB1C100088120E A202D568	98B896625C0C230ADEEC3E B2CF6AAD5001ECF9156A68 644E82374CE5833BC25B
32	EM OV TLS CA - G3C	296926C227A3A1526392B1 9482A504	CB6E15165AC802E9B3F993 F16C25D41F4E81C21EBDE7 1AE1B012AC00BF9C7C3F

List of Cross signed CAs:

No.	Common Name	Certificate Serial No.	SHA-256 Fingerprint
1	EM DV TLS CA - G2A-1	45D2438F4CAE023D3D78A 052A5A9DB94	122A5433D8A2A8C501D5E6 80AB216885A6019326A189 DF91E8895F8B5AD488DD
2	EM DV TLS CA - G2B	6D3091E911E878BA6E196C C2A186FF01	5F0D6380B345D409C641D0 89B081D7B43B365FD413994 403301671C3CBC6A3E5
3	EM DV TLS CA - G2C	00DF5AD8718C74A3CFEE8 0D5B5FB94AE03	8FE4701D088C2250317BB3A 77EDC1707E38E1112E8A334 F615CFA9D46F175B04
4	EM DV TLS CA - G3A-1	00FBF771754D6A8760263B 3E115432593F	ECB8D30846BEF4B340C901 52659F452FD81A7A4F41429 B890F1E2B3467058565

No.	Common Name	Certificate Serial No.	SHA-256 Fingerprint
5	EM DV TLS CA - G3B	00A024FDF4BA665C785CE4 A020483858B7	45A883F349AEDFD5F3A649 B5498FFB121712BA8B448F3 F2A91DBC5A766FCDDBE
6	EM DV TLS CA - G3C	0091F347F1A5B7D39962B9 5E0EE4E299D1	62B7F9868263F72F6911FC7 8CEAF72C1979158B7368BF6 48683BB2AA39B02E72
7	EM OV TLS CA - G2A-1	49CA1A0221C19698975E1E C6F4EDA4D1	E0DA30FF7384B9873EDE9F B2DBA7F1353C7E60ED59BB 9A43779F9E8494A47BAC
8	EM OV TLS CA - G2B	2923D7603B9D92DEDD547 33C594811DA	121C42490FECA63B63E7D0 68046CC4C5FC58436BF71C 97283746F37A9DD67799
9	EM OV TLS CA - G2C	119AF942CF007231271F37 B0CDAE9928	ED82135F7D946673F8298BF 758DC830BAD20FB37F5BB9 EAC52B236563FEC931E
10	EM OV TLS CA - G3A-1	00ADA1791F3D515E1A4080 D208AE888A01	1159D471B5746802C2F2CB2 FFFE6D5C332B9319BD52AC EBFA93AEC07544E7C5D
11	EM OV TLS CA - G3B	00E94223BDE92F914E5AB9 ACABFDAC3710	5F1DED4DD590AF74631290 CF073B122A2AAC6A1FA479 778A0BD43579BD832699
12	EM OV TLS CA - G3C	008D5A4811939EF447D771 11CDD9849AE9	7485B51C0ED192878FA1D2 F948FB529AE1842CC5086C 4B67F7BE5B2039DE9489

Appendix B - Certification Practice Statements in Scope

Certification Practice Statement	Begin Effective Date	End Effective Date
Version 1.14	30 August 2023	16 June 2024
Version 1.15	17 June 2024	4 September 2024
Version 1.16	5 September 2024	29 November 2024
Version 1.17	30 November 2024	13 March 2025
Version 1.18	14 March 2025	5 June 2025
Version 1.19	6 June 2025	7 July 2025
Version 1.20	8 July 2025	-

EMSIGN PKI MANAGEMENT'S ASSERTION

eMudhra Technologies Limited (“emSign PKI”) operates the Certification Authority (CA) services known as enumerated in [Appendix A\(i\)](#), and provides Extended Validation SSL (“EV SSL”) CA services.

The management of emSign PKI is responsible for establishing and maintaining effective controls over its EV SSL CA operations including its EV SSL CA business practices disclosure in its [repository](#), EV SSL key lifecycle management controls, and EV SSL certificate lifecycle management controls. These controls contain monitoring mechanism, 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 emSign PKI’s Certification Authority operations. Furthermore, because of changes in conditions, the effectiveness of controls may vary over time.

emSign PKI management has assessed its disclosures of its certificate practices and controls over its EV SSL CA services. Based on that assessment, in emSign PKI management’s opinion, in providing its EV SSL Certification Authority (CA) services at Bangalore and Chennai, India and at Utah and New Jersey, United States, throughout the period 01 June 2024 to 31 May 2025, emSign PKI has:

- disclosed its extended validation SSL (“EV SSL”) certificate lifecycle management business practices in applicable versions of its Certification Practice Statements as enumerated in [Appendix B](#), including its commitment to provide EV SSL certificates in conformity with the CA/Browser Forum Guidelines on the emSign PKI website, 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 (for the registration activities performed by emSign PKI)

in accordance with the [WebTrust Principles and Criteria for Certification Authorities - Extended Validation SSL V1.8](#).

The CAs enumerated in [Appendix A\(ii\)](#) are not used for EV SSL certificate services although technically capable of such issuance. The management has put in place internal controls to prevent EV SSL issuance under these CAs.

Venu Madhava

Signed by Venu Madhava
Date: 2025.08.15
17:05:20

Venu Madhava,
Executive Vice President- Legal, HR and GRC.
15 August 2025.

Appendix A(i) - List of Root and Subordinate CAs in Scope

No.	Common Name	Certificate Serial No.	SHA-256 Fingerprint
1	emSign Root CA - G1	31F5E4620C6C58EDD6D8	40F6AF0346A99AA1CD1D555A4E9CCE62C7F9634603EE406615833DC8C8D00367
2	emSign EV SSL CA - G1	626CB92B237FF82E3F50	4334EEB2CC114F82BEE6F8A7E5AEA03A42EB2E1F70CBD66102E414D72F0033B9
3	emSign Root TLS CA - G1	00F7AB65559E10812DF6484347586A25	9B913476EAB476E21E0887DBCDE44345D1359D28116B83B7CD3E87BD807EBF68
4	emSign ECC Root CA - G3	3CF607A968700EDA8B84	86A1ECBA089C4A8D3BBE2734C612BA341D813E043CF9E8A862CD5C57A36BBE6B
5	emSign ECC EV SSL CA - G3	01FE3E6C68DEBBEC263E	0116F17F97CDEF4ADE2E63CF2C1B064FD99F404D2B914100BC241F0781853323
6	emSign Root TLS CA - G3	00961A3EFB1359576ED04005B4684A5B	3094025792039A68AF6E553686410BDAB7C0D4A36B9084CBA64202E35D6EBBDD
7	emSign Root CA - C1	00AECF00BAC4CF32F843B2	125609AA301DA0A249B97A8239CB6A34216F44DCAC9F3954B14292F2E8C8608F
8	emSign EV SSL CA - C1	00BADFD29B3F1E678C6960	F6F159286A1401DE5397E21A0090534A85F5E7B9F98FD4A5A47B1DFFD4BFD4ED4
9	emSign ECC Root CA - C3	7B71B68256B8127C9CA8	BC4D809B15189D78DB3E1D8CF4F9726A795DA1643CA5F1358E1DDB0EDC0D7EB3
10	emSign ECC EV SSL CA - C3	1B50581F7334B30B2723	C0A578F2109E6F42D3D939948DEEAB729B20F7B23B4237ABD8494DF554CF985C
11	emSign Root TLS CA - G1	02A27D4E346AEF4E4F04678B5BB6D9EE	CEF71E70B7C29ADDF6C30CD19E614B38FD5F02A435A0EEEDD0087E183D101A51
12	emSign TLS CA - G1	437E0DB6D4E846134D00AD35463A7D	DE029E40F6BB851DA4B804C65121D8535084FDF6B3B47DDF7E94B4E46A6C3437
13	EM EV TLS CA - G2A-1	35ACF2A0E598C8E849D5EE7E724C82	684B11E56AB72502B75DACA1CD009E3DD4BEAB3AC1FE448902D272766CCA797E
14	EM EV TLS CA - G2B	008F06A3F1D6A2FC71D29393C71CD48E	E072B30D7F5B8BCF0080E51D6CC7765767072DB2319E9BB1CD3D02A086898750
15	EM EV TLS CA - G2C	00B28103309375C0CBB9E9B80B66C430	C3BC2B480FB1A1AB4D0BA1ED6C7B53E096447045733620991A32D6798D77AA20
16	emSign Root TLS CA - G3	0E760672F143459FC8FE0AB0BC05E394	7DD78D5F4F13459A83DF99ABBBA62EDBAF6F2D102BF257FD712F4D9F2746ED8D
17	emSign TLS CA - G3	3B6ECEC869F677EF33445C0E3EDC5	04E6DEA261B8720E0525E9DA23282100352BDEBC119CFC3DBD812C3D68A2BCDD
18	EM EV TLS CA - G3A-1	00B28971D9989A629CA9B4E206067211	BA0A3DA706F47DAC1A9C33C4EE1E4D86B726EF48E70D4319F3C949EC673A1975
19	EM EV TLS CA - G3B	00C7C41EFE92D825F05EAE841A4A82C1	E7568FE6E12331F4FD7DE61DA4C7559D0F8EB192A218D4741A3BA75184333838
20	EM EV TLS CA - G3C	008009928A64107601AF05FA2F19F109	432EC25F0D28DE9006D97BF752F17BBB2CD41F669933FCB072D9A1148D0261F3

List of Cross signed CA:

No.	Common Name	Certificate Serial No.	SHA-256 Fingerprint
1	EM EV TLS CA - G2A-1	46057D09344E92BB7064D4C7219F3C2D	A57FACB931C9A20376E6FE212F7234EFF7B8811436A421BEFF26F5DEA9BCC4F1
2	EM EV TLS CA - G2B	00E84B4F5D5B7BEDF7C770DAA72EE04732	43785B01437218B8D57C2A5B5979976ECAF06B35A710A5CA4BB3C0C1BA65A078

3	EM EV TLS CA - G2C	00EDE78290C6A319 3FCEA950E66DF34D 20	0307BC756AAEA5398BF3B47D433D2BCB83470F7 FEA640753877ADEFD910E8BF3
4	EM EV TLS CA - G3A- 1	00AABA43C0D684B A96FE14CE7397A4E E35	D62657961AC9C5A9A522549E34CADE585ECBFD 3869A780C97EDF52E0EC90CEFC
5	EM EV TLS CA - G3B	00D8F8685E4F2BD9 D82402A85A1C1EB7 31	579480AEA166290BD3C643589E795FC0D0E54E8 6505D180F1DFF99EFD3199512
6	EM EV TLS CA - G3C	05F078752DECE7A1 BB8595D303167171	FD9D5C2DBBD4995AB69B8D50C439D9527B0052 9199C2FD01B2174EB58F07021F

Appendix A(ii) - List of Subordinate CAs in Scope

No	Common Name	Certificate Serial No.	SHA-256 Fingerprint
1	emSign SSL CA - G1	217AD58B1C713C00 2091	47B2EFBC3670E7DB4B41F22C51FC02EE84FB2DB F3082A49F2C2688122E9210A1
2	emSign Class 1 CA - G1	00D59B7C9B36A2D4 4922EA	CF6D0333D0BE2C69A42D453960DEE9E109D9E8 843EA3061A1671D6EAF85EB7D8
3	emSign Class 2 CA - G1	3C5BDA55C0A236A 744CD	63A8369DC824A42BC7AE6EE5D26AAFD32DF4AF 677CA18B941B7A57E33B1E3559
4	emSign Class 3 CA - G1	00A08870825A326B ED9611	42DA1C562F80E46DA7A321244EFC23D0FAA9FE BBB7AA0377D96B42D9E88AB200
5	emSign Device CA - G1	0465835247364A90 4A8E	4C9198B673550858799AD2744CC083C1BA0027E 77D3B8FD6D56CF53620D099E2
6	emSign ECC SSL CA - G3	72DDC7E9DCE9B0D CFFC7	6B51D1DCF4EB7AEE424185CB1B9580574B39CB9 63863DE3EC1AD31DDB076CE9F
7	emSign ECC Class 1 CA - G3	00FB1E21982EB1B5 5C5925	ABA6A65DCE8955BAF0685AB88809B7699C17449 6EF9EE991533251494F43CE10
8	emSign ECC Class 2 CA - G3	23E1BA02DFF3E900 EDDD	4E9B731567177E1776A96D66D9120B3DEB28B80 0937EA4662565B3EF5EC8000B
9	emSign ECC Class 3 CA - G3	00B8EB258324DB08 ACC2F5	7066A0F42F530E0DB5AFEE72A3B04DE614E7D23 05C67D12C756BB215E37CB975
10	emSign ECC Device CA - G3	00876282A8FD758C 391EC3	70B9BA595412CF8614B76747FD683CCA2759F42 642164834FBEFDD88505C4F1C
11	emSign SSL CA - C1	0086766B7F96DF60 C46F8B	F91AACAOE4E533747A0880BF6CF6F26720DC1D05 494C3938DA6802290D5A09B32
12	emSign Class 1 CA - C1	7E065336C075C799 8B63	0EF7B863FAABC384A694FF632DAAF9BD31CED2 3E9246559A59ECD7472754CCE6
13	emSign Class 2 CA - C1	1A5C82DEDCBC6A1 53030	05B30B3FC44F8575334BD812EF9FA8A52A75743 E19BC35A5BE3912ECA62C4669
14	emSign Class 3 CA - C1	00B474F64D863921 89496E	69B0DD09B98F36A9CC7BD7FFE8A00DCD319A5F C947C9C8AF72C92894D8E81092
15	emSign Device CA - C1	00B19BE3081E2D97 B5BFCB	D034B18751BEE10AAAF94C2F14350D3F654E5B9 34D0DDA592B31E58187A48952
16	emSign ECC SSL CA - C3	5B7D9BB1FD33B9B C1D84	A061D445399714C38FC101A6E9AFBDB381F112F A5DE7D5BC14904558D1ED3276
17	emSign ECC Class 1 CA - C3	00BD6A0796AB3F89 55521E	FAD2E98649F1C606150F55269EBC035AEA22FFA C131DE64BA6900C75D8447B7E
18	emSign ECC Class 2 CA - C3	00D1142766698BFC DEDA02	DB4591F878F6672F5B70733A66AD7C9537B97E6 F0AF5CA49AAB8ECB2CE02F86B
19	emSign ECC Class 3 CA - C3	3D12A1CF78258D58 0854	5A9A03F2D3FE589BE63CDA11820A9F25F074C92 034F51C047D34226D252EC025
20	emSign ECC Device CA - C3	00D9365F15842A1D 0689C3	3D4511D0A80AA949A6D99B253A173471797C445 9187A6329E736C37CB5493E46

No	Common Name	Certificate Serial No.	SHA-256 Fingerprint
21	EM DV TLS CA - G2A-1	00B6391A6D28C7886AE6FCCED2F3C1A7	3F13597D3355D341BD09328AEE567D7F4E002D9919B986F9962DAFF197EA75D1
22	EM DV TLS CA - G2B	00F0A030825E22BB2E1D88E3889DC073	829EC444B8BE3DFD2D030A0D9E7A1D0DD2A3C2C325D39589C27AC9A065BAE793
23	EM DV TLS CA - G2C	00AB5DEA38BDC920D5FA4736DA54BEBE	0427EA3CB4A7B4CB205E77A7B166D332BEDB8E8EF469BC5E883169C8D0AC876D
24	EM OV TLS CA - G2A-1	59491409E797EA968F05E0FF331FEC	291804EC866837CD5AF5F4D652F1DCC79BEC622D4F9BF4870E5E4D8639DF3AD4
25	EM OV TLS CA - G2B	00C164DB9804F563241ED32C4100A566	6A7A93861982B664001710A0EFD04C8A72F6A23E252B280911797E0BF1BD9012
26	EM OV TLS CA - G2C	00CBDCFA0D64112709CF14B7E4858250	DE767792E870BD32F331029FC89DC24C53F9DF970DC70F1EA30CF29DB3F94BA9
27	EM DV TLS CA - G3A-1	00A3E5AD9D0C0374A342E5E2A3F506DD	4896D51F6537A5326272C412BC75990E15D4F5ECD2946C19776923B8E169E93
28	EM DV TLS CA - G3B	00A4AEE678F23362B4C0E460B772F214	42C4ACCD12C4F59597925E1A08A7A90102608543809308D50EC427E118BA1493
29	EM DV TLS CA - G3C	588B2E3C2BB8CDA13E1A1209254321	0164D7CEAE5BB909C272AF151FF44B1177AE9B47D9424B94F1D9558C30934D19
30	EM OV TLS CA - G3A-1	00C5FB5F2D43071F5B5623B5D132878C	259FF0963A0665BF40D92E05E95B960CCB423DBD117482AE647BC7FD5F5CE644
31	EM OV TLS CA - G3B	6CADA367FB1C100088120EA202D568	98B896625C0C230ADEEC3EB2CF6AAD5001ECF9156A68644E82374CE5833BC25B
32	EM OV TLS CA - G3C	296926C227A3A1526392B19482A504	CB6E15165AC802E9B3F993F16C25D41F4E81C21EBDE71AE1B012AC00BF9C7C3F

List of Cross signed CA:

No	Common Name	Certificate Serial No.	SHA-256 Fingerprint
1	EM DV TLS CA - G2A-1	45D2438F4CAE023D3D78A052A5A9DB94	122A5433D8A2A8C501D5E680AB216885A6019326A189DF91E8895F8B5AD488DD
2	EM DV TLS CA - G2B	6D3091E911E878BA6E196CC2A186FF01	5F0D6380B345D409C641D089B081D7B43B365FD413994403301671C3CBC6A3E5
3	EM DV TLS CA - G2C	00DF5AD8718C74A3CFEE80D5B5FB94AE03	8FE4701D088C2250317BB3A77EDC1707E38E1112E8A334F615CFA9D46F175B04
4	EM DV TLS CA - G3A-1	00FBF771754D6A8760263B3E115432593F	ECB8D30846BEF4B340C90152659F452FD81A7A4F41429B890F1E2B3467058565
5	EM DV TLS CA - G3B	00A024FDF4BA665C785CE4A020483858B7	45A883F349AEDFD5F3A649B5498FFB121712BA8B448F3F2A91DBC5A766FCDDBE
6	EM DV TLS CA - G3C	0091F347F1A5B7D39962B95E0EE4E299D1	62B7F9868263F72F6911FC78CEAF72C1979158B7368BF648683BB2AA39B02E72
7	EM OV TLS CA - G2A-1	49CA1A0221C19698975E1EC6F4EDA4D1	E0DA30FF7384B9873EDE9FB2DBA7F1353C7E60ED59BB9A43779F9E8494A47BAC
8	EM OV TLS CA - G2B	2923D7603B9D92DEDD54733C594811DA	121C42490FECA63B63E7D068046CC4C5FC58436BF71C97283746F37A9DD67799
9	EM OV TLS CA - G2C	119AF942CF007231271F37B0CDAE9928	ED82135F7D946673F8298BF758DC830BAD20FB37F5BB9EAC52B236563FEC931E

10	EM OV TLS CA - G3A-1	00ADA1791F3D515E1A4080D208AE888A01	1159D471B5746802C2F2CB2FFFE6D5C332B9319BD52ACEBFA93AEC07544E7C5D
11	EM OV TLS CA - G3B	00E94223BDE92F914E5AB9ACABFDAC3710	5F1DED4DD590AF74631290CF073B122A2AAC6A1FA479778A0BD43579BD832699
12	EM OV TLS CA - G3C	008D5A4811939EF447D77111CDD9849AE9	7485B51C0ED192878FA1D2F948FB529AE1842CC5086C4B67F7BE5B2039DE9489

Appendix B - Certification Practice Statements in Scope

Certification Practice Statement	Begin Effective Date	End Effective Date
Version 1.14	30 August 2023	16 June 2024
Version 1.15	17 June 2024	4 September 2024
Version 1.16	5 September 2024	29 November 2024
Version 1.17	30 November 2024	13 March 2025
Version 1.18	14 March 2025	5 June 2025
Version 1.19	6 June 2025	7 July 2025
Version 1.20	8 July 2025	-