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Independent Assurance Report

To the Management of MSC Trustgate.com Sdn. Bhd:

Scope

We have been engaged, in a reasonable assurance engagement, to report on MSC Trustgate.com Sdn. Bhd. ("MSC Trustgate-CA") management's assertion that in generating and protecting the asymmetric key pairs for its:

- ▪   Trustgate S/MIME Root CA

- ▪   Trustgate S/MIME Intermediate CA

- ▪   Trustgate TLS Root CA

- ▪   Trustgate TLS Intermediate CA

During the period of 9 September 2024 to 10 September 2024 at Cyberjaya, Selangor with the identifying information enumerated in Appendix A.

MSC Trustgate-CA has:

- ▪   Followed the CA key generation and protection requirements in its:
  - o   MSC Trustgate.com Certificate Practice Statement (CPS) Version 6.0.2 dated 15 August 2024
  - o   MSC Trustgate.com Certificate Policy (CP) Version 5.0 dated 29 July 2024

- ▪   Included appropriate, detailed procedures and controls in its Key Generation Scripts:
  - o   Key Ceremony Agenda
  - o   S/MIME Root and Intermediate CA Key Ceremony
  - o   TLS Root and Intermediate CA Key Ceremony

- ▪   Maintained effective controls to provide reasonable assurance that MSC Trustgate-CAs were generated and protected in conformity with the procedures described in its CP/CPS and its Key Generation Scripts.

- ▪   Performed, during the key generation process, the procedures required by the Key Generation Scripts.

- ▪   Generated the CA keys in a physically secured environment as described in its CP/CPS.

- ▪   Generated the CA keys using personnel in trusted roles under multiple person control and split knowledge.

- Generated the CA keys within cryptographic modules meeting the applicable technical and business requirements as disclosed in its CP/CPS.

in accordance with CA Key Generation Criterion 4.1 of the [WebTrust Principles and Criterion for Certification Authorities Version 2.2.2.](#)

Certification Authority's Responsibilities

MSC Trustgate-CA's management is responsible for its assertion, including the fairness of its presentation, and the provision of its described services in accordance with CA Key Generation Criterion 4.1 of the [WebTrust Principles and Criteria for Certification](#) [Authorities v2.2.2.](#)

Our Independence and Quality Control

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 of integrity, objectivity, professional competence and due care, confidentiality, and professional behavior.

The firm applies International Standard on Quality Control 1, *Quality Control for Firms that Perform Audits and Reviews of Historical Financial Information, and Other Assurance and 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:

- Obtaining an understanding of MSC Trustgate-CA's documented plan of procedures to be performed for the generation of the certification authority key pairs for the Root CAs.

- Reviewing the detailed CA key generation script(s) for conformance with industry standards practices.

- Testing and evaluating, during the CA key generation process, the effectiveness of controls over the integrity, confidentiality, and availability of all private keys, including back-up copies, and access keys (including physical keys, tokens and passwords), used in the establishment of the service.

- Physical observation of all procedures performed during the root key generation process to ensure that the procedures performed on 9th and 10th September 2024 were in accordance with the Root Key Generation Script(s) for the Root CAs.

- 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.

Opinion

In our opinion, in all material respects, based on MSC Trustgate-CA management's assertion, MSC Trustgate-CA has generated and protected the asymmetric key pairs for its:

- ▪ Trustgate S/MIME Root CA

- ▪ Trustgate S/MIME Intermediate CA

- ▪ Trustgate TLS Root CA

- ▪ Trustgate TLS Intermediate CA

In accordance with CA Key Generation Criterion 4.1 of the WebTrust Principles and Criteria for Certification Authorities v2.2.2.

This report does not include any representation as to the quality of MSC Trustgate-CA's services beyond those covered by CA Key Generation Criterion 4.1 of the WebTrust Principles and Criteria for Certification Authorities v2.2.2, nor the suitability of any of MSC Trustgate-CA services for any customer's intended purpose.

BAKER TILLY LHH
Petaling Jaya, Malaysia
1 November 2024

MSC Trustgate-CA Management Assertion

MSC Trustgate.com Sdn. Bhd. ("MSC Trustgate-CA"): has deployed a public key infrastructure.

To allow the CAs to be installed in a final and useable configuration, a Key Generation Ceremony was conducted, the purpose of which was to formally witness and document the creation of each CA's private signing key. This helps assure the non-refutability of the integrity of the MSC Trustgate-CA's key pairs, and in particular, the private signing keys.

MSC Trustgate-CA management has securely generated key pairs, each consisting of a public and private key, in support of its CA operations. The key pairs were generated in accordance with procedures described in MSC Trustgate-CA's Certificate Policy/Certification Practice Statement (CP/CPS), and its Key Generation Scripts, which are in accordance with CA Key Generation Criterion 4.1 of the WebTrust Principles and Criteria for Certification Authorities v2.2.2.

MSC Trustgate-CA management established and maintained effective controls over the generation of these keys. These controls were designed to provide reasonable assurance of adherence to the above-mentioned practices throughout the root key generation process.

MSC Trustgate-CA management is responsible for establishing and maintaining procedures over its CA root key generations, and over the integrity and confidentiality of all private keys and access keys (including physical keys, tokens, and passwords) used in the establishment of the MSC Trustgate-CAs, and for the CA environmental controls relevant to the generation and protection of its CA keys.

MSC Trustgate-CA management has assessed the procedures and controls for the generation of the CA keys. Based on that assessment, in management's opinion, in generation and protecting its CA keys for the MSC Trustgate-CAs during the period of 9 September 2024 to 10September 2024 at Cyberjaya, Selangor with the following identifying information (full identifying information enumerated in Appendix A):

Trustgate S/MIME Root CA

Root Name	Subject Key Identifier	Certificate Serial Number
Trustgate SMIME RSA Root CA	03f90b3c5a1dcd44a155a5f8cfe8bb456e24b8d5	12C84B2179F7B95C223E51927C51EE99
Trustgate SMIME ECC Root CA	bd2b7d05bb5f13cca3410cef2ffaa3440c3d756b	0091deb6bb1345e494052f4d8108d0919e
Trustgate SMIME Enterprise RSA Root CA	8c0f3cee93c1ecbbbaba98054cf56fad00c9a749	4109174639de3a04b828d36ea78d04c0
Trustgate SMIME Enterprise ECC Root CA	4a2d6d1a968565f42b2c12e79b8210e6403d2823	7eb1f303670712bdb1d9a7342f64281a

Trustgate S/MIME Intermediate CA

Root Name	Subject Key Identifier	Certificate Serial Number
Trustgate SMIME Basic RSA CA	11e3e9c41e9121261524f194e1eb5ad8b1005f3d	00cf761633616fdda9c66142ce699a90af
Trustgate SMIME Standard RSA CA	7ed98d7df4bb8bf76395477bbc152b47fef50a4b	75c22d006b9412676b58b92e776da46a
Trustgate SMIME Enterprise RSA	66ad1c23221de899b41b96f8e45e1196546787db	00b9f700a0322a620ba89224d22285f67d

CA		
Trustgate SMIME Organization RSA CA	f89a1072f545e53b1ce1b3e77d84f78f2d87b0c5	46ea29770949107bf18e3acc7bab6b18
Trustgate SMIME Basic ECC CA	1f8b256250ba30879cea47f6d4dbe13b99ad8da3	50a68d9e06b46a8ead0d792f63565547
Trustgate SMIME Standard ECC CA	ee4f35fa44afdefc78f2e1eaf039dc8f9504ae29	00847426ee964a21479175e5433f8ba6d3
Trustgate SMIME Enterprise ECC CA	bb30e70ff2d0570a306b24dae8a1d9f54bc27784	09867beebeae1508a3be5262e4d26efd
Trustgate SMIME Organization ECC CA	9c8f986977cd12b9bddfddc31c7f4572aa2033c1	2aebfd22983f824dab9121bb82b13883

Trustgate TLS Root CA

Root Name	Subject Key Identifier	Certificate Serial Number
Trustgate TLS Basic RSA Root CA	83222e8f646af9903a43921d9c76a24dff7a19b8	18ca67cce70774e9d2c250e954647a2b
Trustgate TLS RSA Root CA	d940c28832be18dec6ca582419db8b01bf843b09	71d237a2e3e87fcb41f2c1bad4b07d2f
Trustgate TLS High Assurance RSA Root CA	84c1c69f02dad25dd796d880e5992aed144e0380	0ea5a9c064eb815bc018ac1ee0a82fc1
Trustgate TLS Basic ECC Root CA	dc1012f640e72a059269f7d8692a5f89e02b84cf	00a29d37de5a72c989a01c842f10641601
Trustgate TLS ECC Root CA	d5d6bba6cf96c33b88311856f410085eceb53b9b	64acc74ac2c7ca0940954411db6e4235
Trustgate TLS High Assurance ECC Root CA	11bf629fba9cb7d33ea29e37c38b3015709f8aa3	00f811b549dfee67978ad82b9cf29a8508

Trustgate TLS Intermediate CA

Root Name	Subject Key Identifier	Certificate Serial Number
Trustgate TLS DV RSA CA	01f6b50bc5cb49e6efc7e1ade7df85714e03057a	00d08f36c5483595abf8d711850d726224
Trustgate TLS OV RSA CA	99c81532f155e815b47158303f90a38edd2c6b48	7a08d1746cbd280c5467649fe6ca9f2a
Trustgate TLS EV RSA CA	111e2aa1f319d775f19360516af99875994e5d0c	00f52df047297866a29f3e97106c95d5da
Trustgate TLS DV ECC CA	1d62c54a1bd48fbe56066daa626c02529b20e241	7f1393d035d770c9281486959b9ce718

Trustgate TLS OV ECC CA	96afff26cfcb2d230e3ddc3baa327a216b0c7eab	00b30a9e3ff81f2cb44edc8816e4d03a49
Trustgate TLS EV ECC CA	b4b60f49b479264a7248f5150fdcc852658de2b5	4bb5fbc91e349c9df9dfaab4a779bdcd

MSC Trustgate-CA has:

- Followed the CA key generation and protection requirements in its:
  - o MSC Trustgate.com Certificate Practice Statement (CPS) Version 6.0.2 dated 15 August 2024
  - o MSC Trustgate.com Certificate Policy (CP) Version 5.0 dated 29 July 2024

- Included appropriate, detailed procedures and controls in its Key Generation Scripts:
  - o Key Ceremony Agenda
  - o S/MIME Root and Intermediate CA Key Ceremony
  - o TLS Root and Intermediate CA Key Ceremony

- Maintained effective controls to provide reasonable assurance that MSC Trustgate-CAs were generated and protected in conformity with the procedures described in its CP/CPS and its Key Generation Scripts.

- Performed, during the key generation process, the procedures required by the Key Generation Scripts.

- Generated the CA keys in a physically secured environment as described in its CP/CPS.

- Generated the CA keys using personnel in trusted roles under multiple person control and split knowledge.

- Generated the CA keys within cryptographic modules meeting the applicable technical and business requirements as disclosed in its CP/CPS.

in accordance with CA Key Generation Criterion 4.1 of the WebTrust Principles and Criterion for Certification Authorities Version 2.2.2.

Lo Nyan Tjing

Chief Executive Officer

MSC Trustgate.com Sdn. Bhd.

1 November 2024

MSC TRUSTGATE.COM SDN. BHD | SSM No: 478231-X / 199901003331 | CA License No: LPBP-2/2020 (4)

Appendix A

Trustgate S/MIME Root CA

Certificate	Issuer	SHA256 Fingerprint	Serial Number	Subject Key Identifier	Key Size	Signature Algorithm	Valid From	Valid To
Trustgate SMIME RSA Root CA	Trustgate SMIME RSA Root CA	50:4B:5D:7C:D5:32:4F:B3:93:81:70:75:F3:BB:DC:B9:90:EC:4C:93:0C:CD:35:E3:74:F9:7D:42:6B:1D:A0:EB	12C84B2179F7B95C223E51927C51EE99	03f90b3c5a1dcd44a155a5f8cfe8bb456e24b8d5	RSA (3072 bit)	sha384RSA	Sep 9 00:00:00 2024 GMT	Sep 8 23:59:59 2049 GMT
Trustgate SMIME ECC Root CA	Trustgate SMIME ECC Root CA	0E:09:80:1E:B9:03:A6:F8:DE:6E:F8:67:99:29:6C:74:B8:9A:B8:68:0C:0A:F3:F2:D8:70:EA:B6:A0:95:F6:3F	0091deb6bb1345e494052f4d8108d0919e	bd2b7d05bb5f13cca3410cef2ffaa3440c3d756b	ECC (384 bit)	sha384EDCSA	Sep 9 00:00:00 2024 GMT	Sep 8 23:59:59 2049 GMT
Trustgate SMIME Enterprise RSA Root CA	Trustgate SMIME Enterprise RSA Root CA	40:27:85:97:68:64:6C:22:35:DD:86:CD:F7:D8:2A:C3:45:AA:7F:71:F7:42:DD:FA:CE:2A:2D:6F:D5:1B:41:AC	4109174639de3a04b828d36ea78d04c0	8c0f3cee93c1ecbbbaba98054cf56fad00c9a749	RSA (3072 bit)	sha384RSA	Sep 9 00:00:00 2024 GMT	Sep 8 23:59:59 2049 GMT
Trustgate SMIME Enterprise ECC Root CA	Trustgate SMIME Enterprise ECC Root CA	E7:66:F2:57:82:55:9C:75:32:4F:DC:CC:53:DD:ED:1D:E0:A7:BB:	7eb1f303670712bdb1d9a7342f64281a	4a2d6d1a968565f42b2c12e79b8210e6403d282	ECC (384 bit)	sha384EDCSA	Sep 9 00:00:00 2024 GMT	Sep 8 23:59:59 2049 GMT

		16:79:1C:CB:D0:65:7E:A8:73:BE:CD:AC:CA		3				

Trustgate S/MIME Intermediate CA

Certificate	Issuer	SHA256 Fingerprint	Serial Number	Subject Key Identifier	Key Size	Signature Algorithm	Valid From	Valid To
Trustgate SMIME Basic RSA CA	Trustgate SMIME RSA Root CA	6A:AB:C6:A7:1C:01:4 A:2A:EC:BE:44:6A:9C :98:EC:05:90:8F:63:B 2:C2:D2:15:36:DA:BE :38:6F:71:9A:36:06	00cf76 1633616fdda9 c66142ce699a 90af	11e3e9c41e912 1261524f194e1 eb5ad8b1005f3 d	RSA (2048 bit)	sha384RSA	Sep 9 00:00:00 2024 GMT	Sep 8 23:59:59 2039 GMT
Trustgate SMIME Standard RSA CA	Trustgate SMIME RSA Root CA	A1:4A:4C:5C:83:2B:F 6:E9:CE:15:9B:52:45: A7:0E:FC:2A:2F:A3:5 6:0E:C2:19:1D:08:42: 46:BC:72:D8:B2:0F	75c22d006b94 12676b58b92 e776da46a	7ed98d7df4bb8 bf76395477bbc 152b47fef50a4b	RSA (2048 bit)	sha384RSA	Sep 9 00:00:00 2024 GMT	Sep 8 23:59:59 2039 GMT
Trustgate SMIME Enterprise RSA CA	Trustgate SMIME Enterprise RSA Root CA	98:F9:40:0A:B4:E2:7 E:FE:6E:40:03:9A:F7: 9E:D6:7D:8F:3B:38:2 7:E8:4C:AF:63:01:0C: DF:55:15:D4:A2:23	00b9f700a032 2a620ba89224 d22285f67d	66ad1c23221de 899b41b96f8e4 5e1196546787d b	RSA (2048 bit)	sha384RSA	Sep 9 00:00:00 2024 GMT	Sep 8 23:59:59 2039 GMT
Trustgate SMIME Organization RSA CA	Trustgate SMIME Enterprise RSA Root CA	6B:BE:5F:66:21:F8:A C:75:B5:0D:68:B4:47: B5:54:E2:86:49:E1:0 5:41:8A:C2:98:BC:84: F5:29:81:AF:F6:58	46ea29770949 107bf18e3acc 7bab6b18	f89a1072f545e5 3b1ce1b3e77d8 4f78f2d87b0c5	RSA (2048 bit)	sha384RSA	Sep 9 00:00:00 2024 GMT	Sep 8 23:59:59 2039 GMT
Trustgate SMIME	Trustgate SMIME	DC:45:3E:09:87:80:C	50a68d9e06b4	1f8b256250ba3	ECC (384 bit)	sha384EDCSA	Sep 9	Sep 8

Basic ECC CA	ECC Root CA	2:77:DD:37:80:57:8D:00:01:EE:E6:14:BB:A8:85:F8:92:11:E4:77:CA:3E:38:71:EC:6F	6a8ead0d792f63565547	0879cea47f6d4dbe13b99ad8da3			00:00:00 2024 GMT	23:59:59 2039 GMT
Trustgate SMIME Standard ECC CA	Trustgate SMIME ECC Root CA	B1:3A:C2:DA:0B:36:F8:19:FF:FB:56:DA:C8:0A:9C:48:A4:C1:E8:3D:37:E9:EB:40:F5:7B:7E:29:0C:22:EE:B9	00847426ee964a21479175e5433f8ba6d3	ee4f35fa44afdefc78f2e1eaf039dc8f9504ae29	ECC (384 bit)	sha384EDCSA	Sep 9 00:00:00 2024 GMT	Sep 8 23:59:59 2039 GMT
Trustgate SMIME Enterprise ECC CA	Trustgate SMIME Enterprise ECC Root CA	6D:C1:56:50:3B:11:0B:7D:2B:A0:CF:B0:CF:91:F1:CE:C7:02:A1:A6:9C:DA:D4:EC:81:B6:8F:8F:BA:CA:48:E9	09867beebeae1508a3be5262e4d26efd	bb30e70ff2d0570a306b24dae8a1d9f54bc27784	ECC (384 bit)	sha384EDCSA	Sep 9 00:00:00 2024 GMT	Sep 8 23:59:59 2039 GMT
Trustgate SMIME Organization ECC CA	Trustgate SMIME Enterprise ECC Root CA	DE:81:B6:BF:29:E0:B2:FC:37:F9:E2:78:48:02:01:A5:35:15:AA:47:6A:BB:CA:B4:54:92:9E:A9:7A:37:40:AF	2aebfd22983f824dab9121bb82b13883	9c8f986977cd12b9bddfddc31c7f4572aa2033c1	ECC (384 bit)	sha384EDCSA	Sep 9 00:00:00 2024 GMT	Sep 8 23:59:59 2039 GMT

Trustgate TLS Root CA

Certificate	Issuer	SHA256 Fingerprint	Serial Number	Subject Key Identifier	Key Size	Signature Algorithm	Valid From	Valid To

MSC TRUSTGATE.COM SDN. BHD | SSM No: 478231-X / 199901003331 | CA License No: LPBP-2/2020 (4)

Trustgate TLS Basic RSA Root CA	Trustgate TLS Basic RSA Root CA	00:2D:96:A8:B5:E7:08:7B:3B:3C:CC:9E:CF:EC:F8:9F:AA:12:4D:E6:1F:39:08:89:C3:C5:FA:29:F1:6A:9D:6A	18ca67cce70774e9d2c250e954647a2b	83222e8f646af9903a43921d9c76a24dff7a19b8	RSA (3072 bit)	sha384RSA	Tuesday, 10 September, 2024 8:00:00 AM	Thursday, 9 September, 2049 7:59:00 AM
Trustgate TLS RSA Root CA	Trustgate TLS RSA Root CA	B6:22:54:3B:C9:7C:BD:BC:8D:08:90:B3:6C:4E:61:3B:10:5A:8A:F6:C6:9B:85:2B:38:B7:D8:9B:0A:E0:72:5B	71d237a2e3e87fcb41f2c1bad4b07d2f	d940c28832be18dec6ca582419db8b01bf843b09	RSA (3072 bit)	sha384RSA	Tuesday, 10 September, 2024 8:00:00 AM	Thursday, 9 September, 2049 7:59:00 AM
Trustgate TLS High Assurance RSA Root CA	Trustgate TLS High Assurance RSA Root CA	45:5F:EC:39:46:F6:20:73:AF:D0:3C:7B:70:1E:41:88:BB:54:EE:B2:3D:43:85:99:EA:FF:A5:1C:AB:9F:86:D5	0ea5a9c064eb815bc018ac1ee0a82fc1	84c1c69f02dad25dd796d880e5992aed144e0380	RSA (3072 bit)	sha384RSA	Tuesday, 10 September, 2024 8:00:00 AM	Thursday, 9 September, 2049 7:59:00 AM
Trustgate TLS Basic ECC Root CA	Trustgate TLS Basic ECC Root CA	6D:01:39:F8:7D:F6:A4:E1:80:05:AD:41:E1:1E:29:74:8F:F4:4A:7F:B7:A2:42:9E:5A:44:41:AD:65:22:53:22	00a29d37de5a72c989a01c842f10641601	dc1012f640e72a059269f7d8692a5f89e02b84cf	ECC (384 bit)	sha384EDCSA	Tuesday, 10 September, 2024 8:00:00 AM	Thursday, 9 September, 2049 7:59:00 AM
Trustgate TLS ECC Root CA	Trustgate TLS ECC Root CA	7E:37:90:A5:13:67:9E:0E:21:A5:3B:7E:CC:C0:CE:C8:B8:B3:64:9E:15:AB:CD:48:1C:5A	64acc74ac2c7ca0940954411db6e4235	d5d6bba6cf96c33b88311856f410085eceb53b9b	ECC (384 bit)	sha384EDCSA	Tuesday, 10 September, 2024 8:00:00 AM	Thursday, 9 September, 2049 7:59:00 AM

		:BB:00:CD:08:69:AE						
Trustgate TLS High Assurance ECC Root CA	Trustgate TLS High Assurance ECC Root CA	8F:E6:89:54:9B:5A:0 6:0D:FE:2C:2C:70:52: 43:4C:50:13:CD:9B:C A:10:6A:41:3E:BA:90 :21:51:5B:B1:E5:EB	00f811b549df ee67978ad82b 9cf29a8508	11bf629fba9cb7 d33ea29e37c38 b3015709f8aa3	ECC (384 bit)	sha384EDC SA	Tuesday, 10 September, 2024 8:00:00 AM	Thursday, 9 September, 2049 7:59:00 AM
Trustgate SMIME Enterprise ECC CA	Trustgate SMIME Enterprise ECC Root CA	6D:C1:56:50:3B:11:0 B:7D:2B:A0:CF:B0:CF :91:F1:CE:C7:02:A1:A 6:9C:DA:D4:EC:81:B6 :8F:8F:BA:CA:48:E9	09867beebeae 1508a3be5262 e4d26efd	bb30e70ff2d057 0a306b24dae8a 1d9f54bc27784	ECC (384 bit)	sha384EDC SA	Sep 9 00:00:00 2024 GMT	Sep 8 23:59:59 2039 GMT
Trustgate SMIME Organization ECC CA	Trustgate SMIME Enterprise ECC Root CA	DE:81:B6:BF:29:E0:B 2:FC:37:F9:E2:78:48: 02:01:A5:35:15:AA:4 7:6A:BB:CA:B4:54:92 :9E:A9:7A:37:40:AF	2aebfd22983f 824dab9121b b82b13883	9c8f986977cd12 b9bddfddc31c7f 4572aa2033c1	ECC (384 bit)	sha384EDC SA	Sep 9 00:00:00 2024 GMT	Sep 8 23:59:59 2039 GMT

Trustgate TLS Intermediate CA

Certificate	Issuer	SHA256 Fingerprint	Serial Number	Subject Key Identifier	Key Size	Signature Algorithm	Valid From	Valid To
Trustgate TLS DV RSA CA	Trustgate TLS Basic RSA Root CA	B9:00:57:4E:70:C3:9 2:5F:A8:A6:4C:B0:E0: B1:E3:49:F8:7A:5B:6 5:8F:84:C9:C2:F3:3E: E4:A7:93:A2:DE:D9	00d08 f36c5483595a bf8d711850d7 26224	01f6b50bc5cb4 9e6efc7e1ade7 df85714e03057 a	RSA (2048 bit)	sha384RSA	Tuesday, 10 September, 2024 8:00:00 AM	Friday, 9 September, 2039 7:59:00 AM
Trustgate TLS OV RSA CA	Trustgate TLS RSA Root CA	EA:B6:A9:F0:72:FC:2 0:16:13:75:97:7C:F7: B2:46:96:10:79:0D:A F:9A:27:7C:50:93:78: E9:8D:48:37:94:E3	7a08d1746cbd 280c5467649f e6ca9f2a	99c81532f155e 815b47158303f 90a38edd2c6b4 8	RSA (2048 bit)	sha384RSA	Tuesday, 10 September, 2024 8:00:00 AM	Friday, 9 September, 2039 7:59:00 AM
Trustgate TLS EV RSA CA	Trustgate TLS High Assurance RSA Root CA	4E:03:5B:43:43:55:6 1:F3:6F:3F:4D:A4:70: 62:68:74:7F:82:63:FA :21:77:8E:DF:1F:5F:2 9:C3:C0:98:93:F1	00f52df04729 7866a29f3e97 106c95d2da	111e2aa1f319d 775f19360516af 99875994e5d0c	RSA (2048 bit)	sha384RSA	Tuesday, 10 September, 2024 8:00:00 AM	Friday, 9 September, 2039 7:59:00 AM
Trustgate TLS DV ECC CA	Trustgate TLS Basic ECC Root CA	F8:90:8E:9D:00:66:F 8:53:5B:6A:F5:2F:BE: E7:98:84:38:C4:21:D C:C1:3E:F8:CB:1D:C2: C5:48:88:FB:C2:73	7f1393d035d7 70c928148695 9b9ce718	1d62c54a1bd48 fbe56066daa62 6c02529b20e24 1	ECC (384 bit)	sha384EDC SA	Tuesday, 10 September, 2024 8:00:00 AM	Friday, 9 September, 2039 7:59:00 AM
Trustgate TLS OV	Trustgate TLS ECC	44:8C:5E:CB:1B:9B:2	00b30a9e3ff8	96afff26cfcb2d2	ECC (384 bit)	sha384EDC	Tuesday, 10	Friday, 9

ECC CA	Root CA	E:39:0C:05:C2:F1:D4: E9:DF:32:F8:BF:3C:9 A:10:87:6C:5B:F9:4F: 6C:74:AE:24:3C:99	1f2cb44edc88 16e4d03a49	30e3ddc3baa32 7a216b0c7eab		SA	September, 2024 8:00:00 AM	September, 2039 7:59:00 AM
Trustgate TLS EV ECC CA	Trustgate TLS High Assurance ECC Root CA	A2:23:DD:CD:91:B2:7 8:1B:D4:6B:08:5F:3B: E4:8A:A6:3E:21:17:7 C:3B:99:36:06:6E:B3: D7:AB:D4:85:3E:FC	4bb5fbc91e34 9c9df9dfaab4a 779bdcd	b4b60f49b4792 64a7248f5150fd cc852658de2b5	ECC (384 bit)	sha384EDC SA	Tuesday, 10 September, 2024 8:00:00 AM	Friday, 9 September, 2039 7:59:00 AM