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## Independent Assurance Report

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

We have been engaged in reasonable assurance to examine and report on MSC Trustgate.com Sdn. Bhd. in providing its Certification Authority ("CA") services ("MSC Trustgate-CA") at Suite 2-9, Level 2, Block 4801 CBD Perdana, Jalan Perdana, 63000 Cyberjaya, Selangor Darul Ehsan, Malaysia, throughout the period 1 September 2020 to 31 August 2021 for its CAs as outlined in Appendix 1 – List of Root and Subordinate CAs in Scope.

MSC Trustgate-CA has:

- Disclosed its business, key and certification life cycle management business and information privacy practices in its:
  - MSC Trustgate.com Certificate Policy (CP) version 4.0 dated 14 January 2021 and MSC Trustgate.com Certificate Practice Statement (CPS) version 5.0 dated 14 January 2021 during the year ended 31 August 2021.
  - DigiCert Certificate Policy (CP) version 5.0 dated 6 February 2020 and MSC Trustgate.com-DigiCert Certification Practice Statement (CPS) version 4.0.1 dated 15 April 2020 during the period of 1 September 2020 to 30 April 2021.
- Maintained effective controls to provide reasonable assurance that:
  - The integrity of keys and certificates it manages is established and protected throughout their lifecycles.
  - The integrity of subscriber keys and certificates it manages is established and protected throughout their lifecycles.
  - Subscriber information was properly authenticated for the registration activities performed by MSC Trustgate-CA and its local Registration Authorities (RAs).
  - Subscriber and relying party information was restricted to authorised individuals and protected from users not specified in MSC Trustgate-CA's business practices.
- Maintained effective controls to provide reasonable assurance that:
  - Logical and physical access to MSC Trustgate-CA Systems and data is restricted to authorised personnel.
  - Continuity of key and certificate life cycle management operations was maintained.
  - CA Systems Development, maintenance and operations are properly authorised and performed to maintain CA Systems Integrity.

Our examination was conducted in accordance with attestation standards established by Chartered Professional Accountants Canada (“CPA Canada”) WebTrust Principles and Criteria for Certification Authorities Version 2.2.1.

MSC Trustgate-CA does not escrow its CA keys and does not provide certificate suspension services. Accordingly, our examination did not extend to controls that would address those criteria.

### **MSC Trustgate-CA’s Responsibility**

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 the WebTrust Principles and Criteria for Certification Authorities Version 2.2.1.

### **Auditor’s Responsibilities**

Our responsibility is to express an opinion on management’s assertion based on our examination and our procedures.

Our examination 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 key and certification life cycle management business and information privacy practices and its controls over key and certificate integrity, over the authenticity and privacy of subscriber and relying party information, over the continuity of key and certificate life cycle management operations, and over development, maintenance and operation of systems integrity;
- Selectively testing transactions executed in accordance with disclosed key and certificate life cycle management business and information privacy practices.
- Testing and evaluating the operating effectiveness on the controls; and
- 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.

### **Relative effectiveness of controls**

The relative effectiveness and significance of specific controls at MSC Trustgate-CA and their effect on assessment of controls risk for subscribers and relying parties are dependent on their interactions with the controls and other factors present at individual subscribers and relying parties’ locations. We have performed no procedures to evaluate effectiveness of controls at individual subscribers and relying parties’ locations.

### **Inherent Limitation**

Because of inherent limitations in controls, errors or fraud may occur and not to be detected. Furthermore, the projection of any conclusions, based on our findings, to future periods is subject to the risk that the validity of such conclusions may be altered because of changes made to the systems or controls or deterioration in the degree of effectiveness of the controls.

### **Opinion**

In our opinion, for the period from 1 September 2020 through 31 August 2021, MSC Trustgate-CA’s management assertion is fairly stated, in all material respects, based on CPA Canada WebTrust Principles and Criteria for Certification Authorities – Version 2.2.1.

This report does not include any representation as to the quality of MSC Trustgate-CA's services beyond those covered by the WebTrust Principles and Criteria for Certification Authorities Version 2.2.1 nor the suitability of any of MSC Trustgate-CA services for any customer's intended purpose.

**Use of the WebTrust Seal**

The WebTrust seal of assurance on MSC Trustgate-CA's website constitutes a symbolic representation of the contents of this report and is not intended, nor should it be construed, to update this report or provide any additional assurance.



Baker Tilly MH Consulting Sdn Bhd  
Kuala Lumpur, Malaysia  
18 November 2021

## MSC Trustgate-CA Management Assertion

DATED: 18 November 2021

MSC Trustgate.com Sdn. Bhd. provides Certification Authority (“CA”) services (“MSC Trustgate-CA”) including:

- Subscriber Registration
- Certificate Renewal
- Certificate Rekey
- Certificate Issuance
- Certificate Distribution
- Certificate Revocation
- Certificate Validation
- Subscriber Key Generation and Management
- Subordinate CA cross-certification

The Management of MSC Trustgate-CA is responsible for establishing and maintaining effective controls over its CA operations, including CA business practices disclosure on its website (MSC Trustgate Repository: <https://www.msctrustgate.com/repository.php>), CA Business practices Management, CA Environmental Controls, CA Key Lifecycle management controls, subscriber key lifecycle management controls. These controls contain monitoring mechanisms and actions are taken to correct deficiencies identified.

MSC Trustgate-CA management has assessed its disclosures of its certificate practices and controls over its CA services. Based on that assessment, in MSC Trustgate-CA management’s opinion, in providing its Certification Authority (CA) services at Suite 2-9, Level 2, Block 4801 CBD Perdana, Jalan Perdana, 63000 Cyberjaya Selangor Darul Ehsan, Malaysia throughout the period 1 September 2020 to 31 August 2021 for its CAs as in Appendix 1 – List of Root and Subordinate CAs in Scope.

MSC Trustgate-CA has:

- Disclosed its business, key and certification life cycle management business and information privacy practices in its:
  - MSC Trustgate.com Certificate Policy (CP) version 4.0 dated 14 January 2021 and MSC Trustgate.com Certificate Practice Statement (CPS) version 5.0 dated 14 January 2021 during the year ended 31 August 2021.
  - DigiCert Certificate Policy (CP) version 5.0 dated 6 February 2020 and MSC Trustgate.com-DigiCert Certification Practice Statement (CPS) version 4.0.1 dated 15 April 2020 during the period of 1 September 2020 to 30 April 2021.
- Maintained effective controls to provide reasonable assurance that:
  - The integrity of keys and certificates it manages is established and protected throughout their lifecycles.
  - The integrity of subscriber keys and certificates it manages is established and protected throughout their lifecycles.

- Subscriber information was properly authenticated for the registration activities performed by MSC Trustgate-CA and its local Registration Authorities (RAs).
  - Subscriber and relying party information was restricted to authorised individuals and protected from users not specified in MSC Trustgate-CA's business practices.
- Maintained effective controls to provide reasonable assurance that:
    - Logical and physical access to MSC Trustgate-CA Systems and data is restricted to authorised personnel.
    - Continuity of key and certificate life cycle management operations was maintained.
    - CA Systems Development, maintenance and operations are properly authorised and performed to maintain CA Systems Integrity.

These controls are In accordance with standards established by Chartered Professional Accountants Canada ("CPA Canada") WebTrust Principles and Criteria for Certification Authorities - Version 2.2.1 including the following:

- CA Business Practices Disclosure
  - Certificate Policy (CP)
  - Certificate Practice Statement (CPS)
- CA Business Practices Management
  - Certification Policy Management
  - Certificate Practice Statement Management
  - CP and CPS Consistency
- CA Environmental Controls
  - Security Management
  - Asset Classification and Management
  - Personnel Security
  - Physical & Environmental Security
  - Operations Management
  - System Access Management
  - System Development and Maintenance
  - Business Continuity Management
  - Monitoring and Compliance
  - Audit Logging
- CA Key Lifecycle Management Controls
  - CA Key Generation
  - CA Key Storage, Backup and Recovery
  - CA Public Key Distribution
  - CA Key Usage
  - CA Key Archival and Destruction
  - CA Key Compromise
  - CA Cryptographic Hardware Lifecycle Management
- Subscriber Key Lifecycle Management Controls
  - CA-Provided Subscriber Key Generation Services
  - CA-Provided Subscriber Storage and Recovery Services

- Certificate Lifecycle Management Controls
  - Subscriber Registration
  - Certificate Renewal
  - Certificate Rekey
  - Certificate Issuance
  - Certificate Distribution
  - Certificate Revocation
  - Certificate Validation
  
- Subordinate CA Certificate Lifecycle Management Controls
  - Subordinate CA Certificate Lifecycle Management

Signed by: Lo Nyan Tjing  
Signed at: 2021-11-19 15:28:17 +08:00  
Reason: I approve this document



Lo Nyan Tjing

Chief Executive Officer

MSC Trustgate.com Sdn. Bhd.

# 1 Appendix 1 – List of Root and Subordinate CAs In Scope

## 1.1 Self-Signed Root Cas

CA #	CERT #	Issuer	Subject	Serial	Key Algorithm	Key Size	Digest Algorithm	Not Before	Not After	SKI	SHA256 Fingerprint
1	1	CN = Trustgate Class 1 Root Certificate Authority O = MSC Trustgate.com Sdn. Bhd. C = MY	CN = Trustgate Class 1 Root Certificate Authority O = MSC Trustgate.com Sdn. Bhd. C = MY	1B5ED8FCA65CFCDEB0CC00E129023E3A	RSA	2048 bit	sha256W ithRSAEn ryption	Friday, 6 July, 2012 00:00:00	Saturday, July 2042 23:59:59	0B6BD8465BDE2DE44E9DD4BE71DEA7F35766FCC3	B0FE225E8C0D51FD4AD509C3FD03B34625C0453FD51335436B6B1136AED8805D
2	2	CN = Trustgate Class 2 Root Certificate Authority O = MSC Trustgate.com Sdn. Bhd. C = MY	CN = Trustgate Class 2 Root Certificate Authority O = MSC Trustgate.com Sdn. Bhd. C = MY	0A8BC4060F5A6CD34D07805DA007ABF5	RSA	2048 bit	sha256W ithRSAEn ryption	Friday, 6 July, 2012 00:00:00	Saturday, July 2042 23:59:59	2A3D3B9F9D04906AE10124C53951D15B95705166	E2026B5646F49F9671D4318E09094A23CE34C94B5410F19B39D490A761CA65D1
3	3	CN = Trustgate Class 3 Root Certificate Authority O = MSC Trustgate.com Sdn. Bhd. C = MY	CN = Trustgate Class 3 Root Certificate Authority O = MSC Trustgate.com Sdn. Bhd. C = MY	703B113DCDB38E30F4E57DAC18A5310F	RSA	2048 bit	sha256W ithRSAEn ryption	Friday, 6 July, 2012 00:00:00	Saturday, July 2042 23:59:59	170EA652A703B53EE4D412F96C18D6B407DD8A77	A62C9790F2D112238FE24C352422EAB29C34C3EE5698EE575CDF170188883DE9
4	4	CN = Trustgate RSA Certification Authority OU = Malaysia Licensed CA No LPBP-2/2010 (1)	CN = Trustgate RSA Certification Authority OU = Malaysia Licensed CA No LPBP-2/2010 (1)	1F61B6A273937D89952BC4AF8E86050E	RSA	4096 bit	sha256W ithRSAEn ryption	Monday, 19 December, 2016 00:00:00	Wednesday, 19 December, 2041 23:59:59	682D2C5F3EE2D6832A4156E3492CB822199A34F4	DC7ACA56E0921E3C54E7DA854A13CDE917B3EEC386B8E9D59201F812E4E9B40C

CA #	CERT #	Issuer	Subject	Serial	Key Algorithm	Key Size	Digest Algorithm	Not Before	Not After	SKI	SHA256 Fingerprint
		O = MSC Trustgate.com Sdn. Bhd. C = MY	O = MSC Trustgate.com Sdn. Bhd. C = MY								
5	5	CN = Trustgate Time Stamping Authority CA (ECC) OU = Malaysia Licensed CA No LPBP-2/2010 (1) O = MSC Trustgate.com Sdn. Bhd. C = MY	CN = Trustgate Time Stamping Authority CA (ECC) OU = Malaysia Licensed CA No LPBP-2/2010 (1) O = MSC Trustgate.com Sdn. Bhd. C = MY	51E8025 1AD3E7F F755CAC 506DDB6 4BDE	ECC	384 bit	ecdsa- with- SHA384	Monday, 19 December, 2016 00:00:00	Wednesday, 19 December, 2041 23:59:59	53FCEA6B6F92 21160A1F7243 DDE349FEC433 E0E8	FC794E7830873926C16824CBAC867F 8EAC7CF28EFC9FF4A465B77E6FD426 10B7
6	6	CN = Trustgate Time Stamping Authority CA OU = Malaysia Licensed CA No LPBP-2/2010 (1) O = MSC Trustgate.com Sdn. Bhd. C = MY	CN = Trustgate Time Stamping Authority CA OU = Malaysia Licensed CA No LPBP-2/2010 (1) O = MSC Trustgate.com Sdn. Bhd. C = MY	4139BAC 7F7F4500 5DCD7F7 6ADEBF1 7B1	RSA	4096 bit	sha256W ithRSAEn cryption	Monday, 19 December, 2016 00:00:00	Wednesday, 19 December, 2041 23:59:59	48DC4E36DE95 1AAB57394F53 35EB341AAE9A CA09	CF74F634C21A6AA376FD264E31EAB 031845FFD048D20F9C41AC73C8ED5 BC4737
7	7	CN = MyTrust Class 1 ECC Root CA OU = MyTrust Gateway O = MSC Trustgate.com Sdn. Bhd. C = MY	CN = MyTrust Class 1 ECC Root CA OU = MyTrust Gateway O = MSC Trustgate.com Sdn. Bhd. C = MY	6C82F07 8641198 04858F4 DAF4C92 EAE1	ECC	384 bit	ecdsa- with- SHA384	Monday, 28 August, 2017 00:00:00 AM	Thursday, 28 August, 2042 7:59:59 AM	DDBE109FB5A2 54C034419F76 DB72D2663DC 74589	9819A77417A5DF8880C1E52D5F4D7 2C6E5924460CE568C2DE5AD619998 6A8D6E
8	8	CN = MyTrust Class 2 ECC Root CA OU = MyTrust Gateway	CN = MyTrust Class 2 ECC Root CA OU = MyTrust Gateway	601D503 52FFCA3 C4ABD91 C3F3252 2933	ECC	384 bit	ecdsa- with- SHA384	Aug 28 Monday 00:00:00 2017	Aug 27 Wednesday 23:59:59 2042	9173B201A3D2 B94012C6630D DFF5D58E7319 B196	97351977E28FD6602FE1ADA5E8E899 4212CB02D995F866D2F5DC41D9E94 6B855



CA #	CERT #	Issuer	Subject	Serial	Key Algorithm	Key Size	Digest Algorithm	Not Before	Not After	SKI	SHA256 Fingerprint
		O = MSC Trustgate.com Sdn. Bhd. C = MY	O = MSC Trustgate.com Sdn. Bhd. C = MY								
9	9	CN = MyTrust Class 3 ECC Root CA OU = MyTrust Gateway O = MSC Trustgate.com Sdn. Bhd. C = MY	CN = MyTrust Class 3 ECC Root CA OU = MyTrust Gateway O = MSC Trustgate.com Sdn. Bhd. C = MY	3F928923 7E806A1 DA7326E DC08205 2D3	ECC	384 bit	ecdsa- with- SHA384	Aug 28 Monday 00:00:00 2017	Aug 27 Wednesday 23:59:59 2042	1308853306609 34C9BD33695A 6C3D775FD8A D9DE	BFAEC1F8E11BD4840A91472E80040F 568970FD48B28F09AF018383AF9B0F 9D1F
10	10	CN = MyTrust Class 1 RSA Root CA OU = MyTrust Gateway O = MSC Trustgate.com Sdn. Bhd. C = MY	CN = MyTrust Class 1 RSA Root CA OU = MyTrust Gateway O = MSC Trustgate.com Sdn. Bhd. C = MY	4184B33 F54B241 009506A B3A13B6 4071	RSA	2048 bit	sha256W ithRSAEn ryption	Thursday, 17 August, 2017 00:00:00	Saturday, 16 August, 2042 23:59:59	6A3DCE6C0156 2D160636D465 C83363FF010E7 208	B9476C3FE5B6385FACE73E8B5265E5 6F30FFC39E77C9519537C361DC9640 5787
11	11	CN = MyTrust Class 2 RSA Root CA OU = MyTrust Gateway O = MSC Trustgate.com Sdn. Bhd. C = MY	CN = MyTrust Class 2 RSA Root CA OU = MyTrust Gateway O = MSC Trustgate.com Sdn. Bhd. C = MY	01F6E41 A6CECC7 338DC6F B31AD68 A10B	RSA	2048 bit	sha256W ithRSAEn ryption	Thursday, 17 August, 2017 00:00:00	Saturday, 16 August, 2042 23:59:59	5CE3BD7F944D 92CA1B5A7B42 4353A60308C5 0CC2	A788D9F9EBE7648CFED6D8B071382 A30780D9719A802731F066F59B3212 4A8B3
12	12	CN = MyTrust Class 3 RSA Root CA OU = MyTrust Gateway O = MSC Trustgate.com Sdn. Bhd. C = MY	CN = MyTrust Class 3 RSA Root CA OU = MyTrust Gateway O = MSC Trustgate.com Sdn. Bhd. C = MY	39DFBC8 4A60DF0 C3E40EB A46ED47 722A	RSA	2048 bit	sha256W ithRSAEn ryption	Thursday, 17 August, 2017 00:00:00	Saturday, 16 August, 2042 23:59:59	B3123898D401 63ADB4019640 FF74A3FDB5EB 8623	045D810BEE88DF24246081793999E4 1766272F652837D5B9B909E57BCBC CD149

13	13	CN=MyTrust Digital ID Root CA OU=MyTrust Gateway O=MSC Trustgate.com Sdn. Bhd C=MY	CN=MyTrust Digital ID Root CA OU=MyTrust Gateway O=MSC Trustgate.com Sdn. Bhd C=MY	68A309B10AE497B9A91EAF8B35A5E87B	ECC	384 bit	ecdsa-with-SHA384	Monday, 26 November 2018, 00:00:00	Wednesday, 25 November 2023, 23:59:59	FC06AAC4B0F749C206B54A2C646DFD5260C4D937	D21BECEBF35470585672E8F5721697F71C7CC4D731C4A0FCCDB1A18FCB5691FA
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## 1.2 Intermediate CAs

CA #	CERT #	Issuer	Subject	Serial	Key Algorithm	Key Size	Digest Algorithm	Not Before	Not After	SKI	SHA256 Fingerprint
1	1	CN = Trustgate Class 1 Root Certificate Authority O = MSC Trustgate.com Sdn. Bhd. C = MY	CN = MSC Trustgate.com Individual ID (Mobile) Basic CA OU = Malaysia Licensed CA No LPBP-2/2010(1) O = MSC Trustgate.com Sdn. Bhd. C = MY	51251D589F545C11BE0030925F6955C0	RSA	2048 bit	sha256 WithRSA Encryption	Friday, 12 August, 2016 00:00:00 AM	Tuesday, 11 August, 2026 23:59:59	F60499730AAB0687322DB7C4172E2E0E93A517AF	D784BA8EA0364AFF850BF55BA490D1526B3F58304807F9D8F1E09CF8D3051560
2	2	CN = Trustgate Class 2 Root Certificate Authority O = MSC Trustgate.com Sdn. Bhd. C = MY	CN = MyTrust Class 2 AATL RSA Individual CA OU = MyTrust Gateway O = MSC Trustgate.com Sdn. Bhd. C = MY	76C77200B34BC0858ED5AC1F10EA7C03	RSA	2048 bit	sha256WithRSAEncryption	Friday, 18 August, 2017 00:00:00	Tuesday, 17 August, 2032 23:59:59	6D0F85E9815A8DEBAFF6482238FA4D78AB20BB31	687AF08F0CBB139D2DCB054591B206178015441C1D8D1E209D437673CBD5C4A9
3	3	CN = Trustgate Class 2 Root Certificate Authority O = MSC Trustgate.com Sdn. Bhd.	CN = MSC Trustgate.com Class 2 MPKI CA O = MSC Trustgate.com Sdn. Bhd. C = MY	74F79FEA598446997A1CF7D53E0E797A	RSA	2048 bit	sha256WithRSAEncryption	Thursday, 19 October, 2017 00:00:00	Monday, 18 October, 2027 23:59:59	8A904F921FBD19396012F93FE75F2F5716C42286	CC6ADC88D783574EA3E4F5114FF3AE4DB5B1470934242C62471B124A419C2F94

CA #	CERT #	Issuer	Subject	Serial	Key Algorithm	Key Size	Digest Algorithm	Not Before	Not After	SKI	SHA256 Fingerprint
		C = MY									
4	4	CN = Trustgate Class 2 Root Certificate Authority O = MSC Trustgate.com Sdn. Bhd. C = MY	CN = MSC Trustgate.com Corporate ID (Mobile) CA OU = Malaysia Licensed CA No LPBP-2/2010(1) O = MSC Trustgate.com Sdn. Bhd. C = MY	1EB11E7511C5E8D8E2EEC37C9B22FB9E	RSA	2048 bit	sha256WithRSAEncryption	Friday, 12 August, 2016 00:00:00 AM	Tuesday, 11 August, 2026 23:59:59	BF520D3C0184CE5EE87D618300F305531291007A	5210171AF8C5C721B32F2BEEFBDE0331F9876067908F3FD0D589E002F99CF532
5	5	CN = Trustgate Class 2 Root Certificate Authority O = MSC Trustgate.com Sdn. Bhd. C = MY	CN = MSC Trustgate.com Corporate ID (Token) CA OU = Malaysia Licensed CA No LPBP-2/2010(1) O = MSC Trustgate.com Sdn. Bhd. C = MY	029F18639809BE29E1F9B4D747ED8AF4	RSA	2048 bit	sha256WithRSAEncryption	Friday, 12 August, 2016 00:00:00 AM	Tuesday, 11 August, 2026 23:59:59	555CAAC636B361BF30A441ACBA2D9BDF58D28401	A61D795B0EF27E96848585C2187C9476645528697ABE50BA3692F03663F08748
6	6	CN = Trustgate Class 2 Root Certificate Authority O = MSC Trustgate.com Sdn. Bhd. C = MY	CN = MSC Trustgate.com Individual ID (Mobile) CA OU = Malaysia Licensed CA No LPBP-2/2010(1) O = MSC Trustgate.com Sdn. Bhd. C = MY	251CCD15C27EDA CD6FB823850EEADA98	RSA	2048 bit	sha256WithRSAEncryption	Friday, 12 August, 2016 00:00:00 AM	Tuesday, 11 August, 2026 23:59:59	57E6239557F0C21738550041E9B73F72081A0687	351B29A7F1354F7FA0F39ED5559A9417A55E192207332FF0BDBC6DA0D4E62D34

CA #	CERT #	Issuer	Subject	Serial	Key Algorithm	Key Size	Digest Algorithm	Not Before	Not After	SKI	SHA256 Fingerprint
7	7	CN = Trustgate Class 2 Root Certificate Authority O = MSC Trustgate.com Sdn. Bhd. C = MY	CN = MyTrust Class 2 AATL ECC Individual CA OU = MyTrust Gateway O = MSC Trustgate.com Sdn. Bhd. C = MY	6E082CB 41BDA38 6C9A5D2 0D5A166 2207	ECC	384 bit	sha384W ithRSAEn ryption	Friday, 18 August, 2017 00:00:00	Tuesday, 17 August, 2032 23:59:59	EB878598F64EF 009E1EE8640FB 7830F3C72F90 D1	8047C01E0260FA2C3D273F6F8F7877 A549CA7CA0D7D1DF32BA85BD3D64 0905BA
8	8	CN = Trustgate Class 2 Root Certificate Authority O = MSC Trustgate.com Sdn. Bhd. C = MY	CN = MSC Trustgate.com Professional ID (Mobile) CA OU = Malaysia Licensed CA No LPBP-2/2010(1) O = MSC Trustgate.com Sdn. Bhd. C = MY	0D7B6B7 6CA7176 1795F487 93AB6FA 39E	RSA	2048 bit	sha256W ithRSAEn ryption	Friday, 12 August, 2016 00:00:00 AM	Tuesday, 11 August, 2026 23:59:59	906D85D431D D35E2D8EBD3B 265B32CAA0B8 23419	5243B6A6B861C827B314BBFDE35AE 7DF5EBB3F8EF196D35DB2B9CF5EBE CBCA04
9	9	CN = Trustgate Class 2 Root Certificate Authority O = MSC Trustgate.com Sdn. Bhd. C = MY	CN = MSC Trustgate.com Professional ID (Token) CA OU = Malaysia Licensed CA No LPBP-2/2010(1) O = MSC Trustgate.com Sdn. Bhd. C = MY	6D8973D 93A5DE7 31466F0 CC9DBB5 D6E6	RSA	2048 bit	sha256W ithRSAEn ryption	Friday, 12 August, 2016 00:00:00 AM	Tuesday, 11 August, 2026 23:59:59	4331201D7F3F CBB9F444CE23 21730F6E0581E 34F	ACB79E7E11B201324313A9AF76A6D 09564CEF2ED8DEC6BE6D65FAC1F5F 21FA4B
10	10	CN = Trustgate Class 2 Root Certificate Authority O = MSC Trustgate.com Sdn. Bhd. C = MY	CN = Trustgate Class 2 Consumer CA O = MSC Trustgate.com Sdn. Bhd. C = MY	6596F050 70C8BC6 540A034 3B4FC71 78E	RSA	2048 bit	sha256W ithRSAEn ryption	Friday, 6 July, 2012 00:00:00	Tuesday, 5 July, 2022 23:59:59	A55AF421B719 CEA67B436E5B F4F1E3C9C8352 EFC	A184B64A106866F751273518382431 D23AE042AA6E8552D87540BF8D86F BB51A

CA #	CERT #	Issuer	Subject	Serial	Key Algorithm	Key Size	Digest Algorithm	Not Before	Not After	SKI	SHA256 Fingerprint
11	11	CN = Trustgate Class 2 Root Certificate Authority O = MSC Trustgate.com Sdn. Bhd. C = MY	CN = Trustgate Class 2 MyKey Subscriber CA O = MSC Trustgate.com Sdn. Bhd. C = MY	372CBCF19F5AFF65C6BDDDB1ACC993B30	RSA	2048 bit	sha256WithRSAEncryption	Thursday, 19 July, 2012 00:00:00 AM	Monday, 19 July, 2022 23:59:59	18CDE6C8AF594E16D152CFC41DAC5643A9287E0A	15D5F8A7B9E73D2B2152F3E2EB44AA06BABD629480F6B4656346ED788448A65D
12	12	CN = Trustgate Class 2 Root Certificate Authority O = MSC Trustgate.com Sdn. Bhd. C = MY	CN = Bank Negara Malaysia Class 2 CA-G3 O = MSC Trustgate.com Sdn. Bhd. C = MY	0C0996DCF45F3898F9DE146C9FB8C1F2	RSA	2048 bit	sha256WithRSAEncryption	Thursday, 19 October, 2017 00:00:00	Monday, 18 October, 2027 23:59:59	4CB88BB74BB5B3F92B563685845A1B2F2810B278	A4166F2E0125B553E84CBA1B7D240369AB2A5AB1846C0EF14E2332CEBD39E180
13	13	CN = Trustgate Class 2 Root Certificate Authority O = MSC Trustgate.com Sdn. Bhd. C = MY	CN = MAMPU Class 2 CA OU = Authenticated by MSC Trustgate.com Sdn. Bhd. O = Unit Pemodenan Tadbiran dan Perancangan Pengurusan Malaysia C = MY	27125CA7BDF095052D9FAE592958DB89	RSA	2048 bit	sha256WithRSAEncryption	Thursday, 19 July, 2012 00:00:00	Sunday, 18 July, 2027 23:59:59 AM	771B79D60DC2762655044962A428D7F46EB7092D	4620E1CD3D0B931441BB25BDB8A7791699F830BB579E6E79A72044E39A5D9E30
14	14	CN=Trustgate Class 2 Root Certificate Authority O=MSC Trustgate.com Sdn. Bhd C=MY	CN=INTECH-KLIS CA OU=Remote Signing System O=IDAMAN NURANI TECHNOLOGIES SDN. BHD C=MY,	0DD4440FF954D2E5E51487E4D24F9092	RSA	2048 bit	sha256WithRSAEncryption	Wednesday December 19 2018, 00:00:00	Sunday December 18 2033, 23:59:59	AB539E3D6E303789042BB25ACE85BC781D94FDD9	D0D6BA9EA1822C1C57F96F39BEE2A47A431889B7FD4C3BA25FB2200DC1873EBF

CA #	CERT #	Issuer	Subject	Serial	Key Algorithm	Key Size	Digest Algorithm	Not Before	Not After	SKI	SHA256 Fingerprint
15	15	CN = Trustgate Class 2 Root Certificate Authority O = MSC Trustgate.com Sdn. Bhd. C = MY	CN = NC SA O = Majlis Keselamatan Negara C = MY	599FE280 4841404 1DF1401 70DCA81 FFA	RSA	2048 bit	sha256W ithRSAEn ryption	Tuesday, 8 March, 2016 00:00:00 AM	Saturday, 7 March, 2026 23:59:59	CB5DBC12FCC F18FC6DA1BC0 7B19035252611 65A	EC7F4D7E05B60ED09392B0A0081C0 B4A2FB165D8CEB6ED20CC44A533DE C539CB
16	16	CN = Trustgate Class 3 Root Certificate Authority O = MSC Trustgate.com Sdn. Bhd. C = MY	CN = MyTrust Class 3 AATL ECC Organisation CA OU = MyTrust Gateway O = MSC Trustgate.com Sdn. Bhd. C = MY	14E60A4 2B5DC2C FA680A3 8ED34A1 5EB5	ECC	384 bit	sha384W ithRSAEn ryption	Friday, 18 August, 2017 00:00:00	Tuesday, 17 August, 2032 23:59:59	58AB1C0C04C8 6BE18BE288487 65F850AB7ED0 BF0	497E0043F9D6CE4FE1802A9ECDB8C4 E45629D74C806F3F661BCB0CDB567 0C737
17	17	CN = Trustgate Class 3 Root Certificate Authority O = MSC Trustgate.com Sdn. Bhd. C = MY	CN = MyTrust Class 3 AATL RSA Organisation CA OU = MyTrust Gateway O = MSC Trustgate.com Sdn. Bhd. C = MY	21C29C4 3B6E537 D4E96CD 3FE12405 CC5	RSA	2048 bit	sha256W ithRSAEn ryption	Friday, 18 August, 2017 00:00:00	Tuesday, 17 August, 2032 23:59:59	BEC10F2621DD 12947F77EB056 7A938A0D2B7A 56D	8160571E01B7F308146AA71969C4EE 6180AEFFA8F71779BDA9368F4212A1 5951
18	18	CN = Trustgate RSA Certification Authority OU = Malaysia Licensed CA No LPBP-2/2010 (1) O = MSC Trustgate.com Sdn. Bhd. C = MY	CN = RHB- BOARDPAC CA OU = Remote Signing System O = RHB Bank Berhad C = MY	E1353E62 9932209 22D0AB3 BC1ADD 5E	RSA	2048 bit	sha256W ithRSAEn ryption	Tuesday, 17 January, 2017 00:00:00	Sunday, 16 January, 2022 23:59:59	4E927A2EA242 16BF07C95164 C3B69618C7E8 541D	6ACF840E5AD0A768BC84DBD5C493 2B65EA9AED0B84069E67FCCD42EFD 2EEFABB
19	19	CN = Trustgate RSA Certification Authority OU = Malaysia Licensed CA No	CN = ABMB-MFA CA OU = Remote Signing System O = Alliance	3F8C461 DC36413 A240309	RSA	2048 bit	sha256W ithRSAEn ryption	Tuesday, 17 January, 2017 00:00:00	Sunday, 16 January, 2022 23:59:59	EEE08F65BBEBB 49B0933497A7 50558DC2302B 9D3	B20DA3E95B0554721E74931BE482B4 2D9458829E776858B43B7F217C81D4 18EE

CA #	CERT #	Issuer	Subject	Serial	Key Algorithm	Key Size	Digest Algorithm	Not Before	Not After	SKI	SHA256 Fingerprint
		LPBP-2/2010 (1) O = MSC Trustgate.com Sdn. Bhd. C = MY	BankMalaysia Berhad C = MY	68AAD8 3D1C9							
20	20	CN = Trustgate RSA Certification Authority OU = Malaysia Licensed CA No LPBP-2/2010 (1) O = MSC Trustgate.com Sdn. Bhd. C = MY	CN = eCourt ID CA O = Mahkamah Persekutuan Malaysia C = MY	0A4B551 8DAE605 D7E8600 90A8784 3722	RSA	2048 bit	sha256W ithRSAEn ryption	Monday, 19 December, 2016 00:00:00	Friday, 18 December, 2026 23:59:59	B754F4515D4D F526D7109037 46624C4BC863 5005	CC37D4FEC512879D95BE7F2DBEFED 1ABD25A60CA20297CA70FB12C45CC 34F353
21	21	CN = Trustgate Time Stamping Authority CA (ECC) OU = Malaysia Licensed CA No LPBP-2/2010 (1) O = MSC Trustgate.com Sdn. Bhd. C = MY	CN = Trustgate Time Stamping Services CA (ECC) O = MSC Trustgate.com Sdn. Bhd. C = MY	45FE0985 DC94AC CC26F30 9492CC1 8479	ECC	384 bit	ecdsa- with- SHA384	Monday, 19 December, 2016 00:00:00	Friday, 19 December, 2031 23:59:59	5146B3587866E D571800F03EA 98CBAE3E8E63 5EB	67AC1B817817B9C626D6D3E8487A1 C7FEC8AA27336D50148580F88BB67F FB7FF
22	22	CN = Trustgate Time Stamping Authority CA OU = Malaysia Licensed CA No LPBP-2/2010 (1) O = MSC Trustgate.com Sdn. Bhd. C = MY	CN = Trustgate Time Stamping Services CA O = MSC Trustgate.com Sdn. Bhd. C = MY	4BCB04E 956A652 580CFAC 341F9D9 0FA1	RSA	2048 bit	sha256W ithRSAEn ryption	Monday, 19 December, 2016 00:00:00	Friday, 19 December, 2031 23:59:59	0127B0268D65 973B6A104466 DEA7AE1884C3 609B	091538A9476A4F6A6956F31B133992 536881C28323D19B57E2C5D91EB47 70B22
23	23	CN = MyTrust Class 1 ECC Root CA OU = MyTrust Gateway O = MSC Trustgate.com Sdn.	CN = MyTrust Class 1 ECC Individual CA OU = MyTrust Gateway O = MSC	5B40CCD F5DB5AD 9EAE6ED  CAA93A1 A43E	ECC	384 bit	ecdsa- with- SHA384	Monday, 28 August, 2017 00:00:00	Friday, 27 August, 2032 23:59:59	86F4FE304F3BA 73E02B72E622  AAF7C429C1FF A8D	4A32CB42C34E023600D0D88CE6182 63F0BDAA8BC4E27DCC1993A7ADC3 193EFB0

CA #	CERT #	Issuer	Subject	Serial	Key Algorithm	Key Size	Digest Algorithm	Not Before	Not After	SKI	SHA256 Fingerprint
		Bhd. C = MY	Trustgate.com Sdn. Bhd. C = MY								
24	24	CN = MyTrust Class 2 ECC Root CA OU = MyTrust Gateway O = MSC Trustgate.com Sdn. Bhd. C = MY	CN = MyTrust Class 2 ECC Individual CA OU = MyTrust Gateway O = MSC Trustgate.com Sdn. Bhd. C = MY	31748E2E 336007C 8D0D52F 5D7C605 3B7	ECC	384 bit	ecdsa-with-SHA384	Monday, 28 August, 2017 00:00:00	Friday, 27 August, 2032 23:59:59	E6A213F17F466 916E0EDA4569 9E1CC58BFC73 EF2	F040B8C96223510A3190E0E8523315 9986BD26187D11C909D65AB8E0D29 8AA22
25	25	CN = MyTrust Class 2 ECC Root CA OU = MyTrust Gateway O = MSC Trustgate.com Sdn. Bhd. C = MY	CN = MyTrust Class 2 ECC Enterprise CA OU = MyTrust Gateway O = MSC Trustgate.com Sdn. Bhd. C = MY	63ACE72 4C08EDF BE4D329 8B00E71 A101	ECC	384 bit	ecdsa-with-SHA384	Monday, 28 August, 2017 00:00:00	Friday, 27 August, 2032 23:59:59	28D85B122A7F 351F5AEBFD72 8E5EC4C3A35D 986E	475DCD9714F9341629FC4992412171 44BD659DAE00B83860FC2D5A9C1E2 AC7F7
26	26	CN = MyTrust Class 2 ECC Root CA OU = MyTrust Gateway O = MSC Trustgate.com Sdn. Bhd. C = MY	CN = Bursa Anywhere CA OU = Remote Signing System O = Bursa Malaysia Berhad C = MY	1BF8459 A40C5B0 C65A3E6 02A1C3E 06F4	ECC	384 bit	ecdsa-with-SHA384	Wednesday, 20 November, 2019 00:00:00	Saturday, 19 November, 2034 23:59:59	3F8471DB708F 0D0199B845A4 BF5BD0DA8206 03B5	2D01696CC852C4CE5317778A9FA16 BBEA14CDEE10F5FBA91A3B37D8FF5 2768E5
27	27	CN=MyTrust Class 2 ECC Root CA OU=MyTrust Gateway O=MSC Trustgate.com Sdn. Bhd C=MY	CN=GPKI CA ECC OU=MAMPU, O=MSC Trustgate.com Sdn. Bhd C=MY	2DFFFDA 9B6CF35 2F36D3F F2B798F5 4ED	ECC	384 bit	ecdsa-with-SHA384	Friday, 24 March, 2020, 00:00:00	Friday, 23 March, 2035, 23:59:59	6598B4EA5FE27 F1D2D15E01E0 A6263BD6B3A8 526	567EF5A4C14641BC6B46452540F187 B5686407DF4BDD51E5A3B1C79E678 F97B8



CA #	CERT #	Issuer	Subject	Serial	Key Algorithm	Key Size	Digest Algorithm	Not Before	Not After	SKI	SHA256 Fingerprint
28	28	CN=MyTrust Class 2 ECC Root CA OU=MyTrust Gateway O=MSC Trustgate.com Sdn. Bhd. C=MY	CN = MyLawyer ID CA OU = MyTrust Gateway O = MSC Trustgate.com Sdn. Bhd. C = MY	4A4418E9745A0820A6788F2A985841D7	ECC	384 bit	ecdsa-with-SHA384	Wednesday, 9 December, 2020 00:00:00	Sunday, 9 December, 2035 23:59:59	11F11C8192FF90D924D4349DEB647AB0288C1E14	3B89B1CED28ED8045BA39015FAEB6C7FBF7D5E6A046B2F0198B846D7BE DA0006
29	29	CN = MyTrust Class 3 ECC Root CA OU = MyTrust Gateway O = MSC Trustgate.com Sdn. Bhd. C = MY	CN = MyTrust Class 3 ECC Enterprise CA OU = MyTrust Gateway O = MSC Trustgate.com Sdn. Bhd. C = MY	32640E34187668C98D426CF5BBDB4C3C	ECC	384 bit	ecdsa-with-SHA384	Monday, 28 August, 2017 00:00:00	Friday, 27 August, 2032 23:59:59	B49BF36BADB1745162AF38142D5A623D14B2F779	8EA69844C4A6BDA29FC13FD65A2371E9E689C22C1BF6585432406B527F86730F
30	30	CN = MyTrust Class 1 RSA Root CA OU = MyTrust Gateway O = MSC Trustgate.com Sdn. Bhd. C = MY	CN = MyTrust Class 1 RSA Individual CA OU = MyTrust Gateway O = MSC Trustgate.com Sdn. Bhd. C = MY	47908FA601B94A1FBD954CE8ED837982	RSA	2048 bit	sha256WithRSAEncryption	Thursday, 17 August, 2017 00:00:00	Monday, 16 August, 2027 23:59:59	29FDF2DDA2A4C7EC1A7047701D03FE58FDA7110	9C4CD1AB5BAE1D2D786E56BF9825257AAAD18519C44016170043B94AF61D61CE
31	31	CN = MyTrust Class 2 RSA Root CA OU = MyTrust Gateway O = MSC Trustgate.com Sdn. Bhd. C = MY	CN = MyTrust Class 2 RSA Individual CA OU = MyTrust Gateway O = MSC Trustgate.com Sdn. Bhd. C = MY	0924EAA A2C4C4E70645A95C8676B B338	RSA	2048 bit	sha256WithRSAEncryption	Thursday, 17 August, 2017 00:00:00	Monday, 16 August, 2032 23:59:59	545F5B34BC3ACC4F2D9B47D858FBEF3673C2A9B4	F65BFC5FB0D51560AB5B46D52A602B276FDA94E341693799CEB669C76F54DE95
32	32	CN = MyTrust Class 2 RSA Root CA OU = MyTrust Gateway	CN = MyTrust Class 2 RSA Enterprise CA OU = MyTrust Gateway	7306EB97981BB42A3190CAACA7BE3382	RSA	2048 bit	sha256WithRSAEncryption	Thursday, 17 August, 2017 00:00:00	Monday, 16 August, 2027 23:59:59	60D7F177ED658E5EB4BF9248918C165E0A8E4578	1B1EE0498319BF0A223D4917A41A454D4EA08F44C5C8BD26F65121256377CB6A

CA #	CERT #	Issuer	Subject	Serial	Key Algorithm	Key Size	Digest Algorithm	Not Before	Not After	SKI	SHA256 Fingerprint
		O = MSC Trustgate.com Sdn. Bhd. C = MY	O = MSC Trustgate.com Sdn. Bhd. C = MY								
33	33	CN = MyTrust Class 3 RSA Root CA OU = MyTrust Gateway O = MSC Trustgate.com Sdn. Bhd. C = MY	CN = MyTrust Class 3 RSA Enterprise CA OU = MyTrust Gateway O = MSC Trustgate.com Sdn. Bhd. C = MY	0A4740D F0BF83A F01289C A0FD093 E64A	RSA	2048 bit	sha256W ithRSAEn ryption	Thursday, 17 August, 2017 00:00:00	Monday, 16 August, 2027 23:59:59	8AD619A52D4 D712FBAA6D05 294DAABA6F6F 18499	ADEABEB6A51091CAD7DBCE54EC0C 6B4DFADC3ACF16F18311CADCF510E 8037366
34	34	CN = MyTrust Class 3 RSA Root CA OU = MyTrust Gateway O = MSC Trustgate.com Sdn. Bhd. C = MY	CN = MyTrust RSA Code Signing CA OU = MyTrust Gateway O = MSC Trustgate.com Sdn. Bhd. C = MY	73E1107 BF5B5EB 3C460A0 A9381A7 B971	RSA	2048 bit	sha256W ithRSAEn ryption	Wednesday, 21 March, 2018 00:00:00	Monday, 20 March, 2028 23:59:59	67C1CF007DAB 64E0CCDFA870 D6120A3501F7 11A0	4F49F31B1E2B4BD4D37659E0F18D43 8C7CD41DBB970C6B3373B5608C61B BFB44
35	35	CN = MyTrust Class 3 RSA Root CA OU = MyTrust Gateway O = MSC Trustgate.com Sdn. Bhd. C = MY	CN = MyTrust RSA SSL CA OU = MyTrust Gateway O = MSC Trustgate.com Sdn. Bhd. C = MY	7BFA5E2 572E901 5F8DFD3 D7A980B 30D7	RSA	2048 bit	sha256W ithRSAEn ryption	Wednesday, 21 March, 2018 00:00:00	Monday, 20 March, 2028 23:59:59	6C6DCE4158A2 BDA132158CC0 729C8D14DC4C 2A7F	B524ABDA93244786185FB291B358A 6CAD1012E2F251AD0E0486546993A F416B6
36	36	CN = MyTrust Class 3 RSA Root CA OU = MyTrust Gateway O = MSC Trustgate.com Sdn. Bhd. C = MY	CN = MyTrust RSA EV Code Signing CA OU = MyTrust Gateway O = MSC Trustgate.com Sdn. Bhd. C = MY	6D89341 8F615BF8 53F91EE AE8AC11 FDB	RSA	2048 bit	sha256W ithRSAEn ryption	Wednesday, 21 March, 2018 00:00:00	Monday, 20 March, 2028 23:59:59	BEBCD01D30D2 00D3B3CC5D72 F5EC2EC7B95C 552B	70EC99FF806982D8364746CB78106E EBC3FC615FF109A70C4DFC477D440 54CAD

CA #	CERT #	Issuer	Subject	Serial	Key Algorithm	Key Size	Digest Algorithm	Not Before	Not After	SKI	SHA256 Fingerprint
37	37	CN = MyTrust Class 3 RSA Root CA OU = MyTrust Gateway O = MSC Trustgate.com Sdn. Bhd. C = MY	CN = MyTrust RSA EV SSL CA OU = MyTrust Gateway O = MSC Trustgate.com Sdn. Bhd. C = MY	36606ED B5F0B00 8998A86 F1CC3DB A38E	RSA	2048 bit	sha256WithRSAEncryption	Wednesday, 21 March, 2018 00:00:00	Monday, 20 March, 2028 23:59:59	0674D522F583 64427D7507AE 79E0B904EBE05 9ED	740D432D12D66D95438305BAC9F05 4B706524998CEEC2C5E63E409CEBED D54B6
38	38	CN = MyTrust Class 3 RSA Root CA OU = MyTrust Gateway O = MSC Trustgate.com Sdn. Bhd. C = MY	CN= PayNet CA O= Payments Network Malaysia Sdn Bhd. C=MY	29CE7B4 2B0ABE8 E6C0E6A 7BC2DF5 E7AD	RSA	384 bit	Sha384withRSAEncryption	Thursday, 21 January, 2021 00:00:00	Tuesday, 21 January, 2031 23:59:59	C4619CB76A58 A4BAA03C39B DAD9AEA899F D7F472	B70119C3B78800839F1A5246CB1DF5 4F2F148012F785371755669B278D03 84AF
39	39	CN=MyTrust Digital ID Root CA OU=MyTrust Gateway O=MSC Trustgate.com Sdn. Bhd C=MY	CN=MyTrust Digital ID Class 1 CA OU=MyTrust Gateway, O=MSC Trustgate.com Sdn. Bhd, C=MY	559A9C1 768236C 3B0B8DC 6B20FD8 DD1F	ECC	384 bit	ecdsa-with-SHA384	Monday, 26 November 00:00:00 2018	Friday, 25 November 23:59:59 2033	5237D7B82935 DDFAADFAD2F 864652519BB13 3828	7096769E0A335DADCFB6DEA0DDCE EF47CB1FA3B8709326BACA41514B6 49CAC8C
40	40	CN=MyTrust Digital ID Root CA OU=MyTrust Gateway O=MSC Trustgate.com Sdn. Bhd C=MY	CN=MyTrust Digital ID Class 2 CA OU=MyTrust Gateway, O=MSC Trustgate.com Sdn. Bhd, C=MY	70A5FFEE 8E7EC08 7E799AA 36CC41D 326	ECC	384 bit	ecdsa-with-SHA384	Monday, 26 November 00:00:00 2018	Friday, 25 November 23:59:59 2033	BE48F41A2D3E B53521D31966 A98254B53D54 D5F4	D42F0C30DD9896F8E0EDED01FC449 4F317B7DC7E6530590EDDB4D84228 050C99
41	41	CN=MyTrust Digital ID Root CA OU=MyTrust Gateway	CN=MyTrust Digital ID Class 3 CA OU=MyTrust Gateway,	6E8F6812 D271113 57BBF0D 703635D 68E	ECC	384 bit	ecdsa-with-SHA384	Monday, 26 November 00:00:00 2018	Friday, 25 November 23:59:59 2033	38A29BDC0E9B 49AE4D8B5307 7892EA6261A6 3B82	94B349BC4BE13041EA9A47315CE22E 0EA327873FADA258EDC99B91F56F0 F8439

CA #	CERT #	Issuer	Subject	Serial	Key Algorithm	Key Size	Digest Algorithm	Not Before	Not After	SKI	SHA256 Fingerprint
		O=MSC Trustgate.com Sdn. Bhd C=MY	O=MSC Trustgate.com Sdn. Bhd, C=MY								

### 1.3 Cross-Signed CAs

CA #	CERT #	Issuer	Subject	Serial	Key Algorithm	Key Size	Digest Algorithm	Not Before	Not After	SKI	SHA256 Fingerprint
1	1	CN = VeriSign Class 2 Public Primary Certification Authority - G3 OU = (c) 1999 VeriSign, Inc. - For authorised use only OU = VeriSign Trust Network O = VeriSign, Inc. C = US	CN = MSC Trustgate.com Class 2 CA - G2 OU = Symantec Trust Network O = MSC Trustgate.com Sdn. C = MY	54F4E89C 500793C 7246ECD 56EEB21 94B	RSA	2048 bit	sha256WithRSAEncryption	Thursday, 29 September, 2011 00:00:00	Tuesday, 28 September, 2021 23:59:59	800AEFA864079 8F87B8D8DF59 1EA8CA7CBFA2 43D	5AF4C5B2DE3AD0860264F63C736DE 4B90897D795A48223624BEBE8419FD 22CF0
2	2	CN = MSC Trustgate.com Class 2 CA - G2 OU = Symantec Trust Network O = MSC Trustgate.com Sdn. C = MY	CN = Bank Negara Malaysia Class 2 CA - G2 OU = Class 2 Managed PKI Individual Subscriber CA OU = Symantec Trust Network O = Bank Negara Malaysia C = MY	74BC0E0 674F4346 9DDAE0E 3D6BEFA 0AB	RSA	2048 bit	sha256WithRSAEncryption	Thursday, 29 September, 2011 00:00:00	Monday, 27 September, 2021 23:59:59	50A673F3C0D9 8D3BC661A7F9 487E3FB0DBDF 7CB6	75594BAB8E94383423FD0CC3873E32 A5347D7CCD20C711514AAC245B5E1 54E77

CA #	CERT #	Issuer	Subject	Serial	Key Algorithm	Key Size	Digest Algorithm	Not Before	Not After	SKI	SHA256 Fingerprint
3	3	CN= MSC Trustgate.com Class 2 CA - G2, O=MSC Trustgate.com Sdn., C=MY	CN=Bank Negara Malaysia Class 2 CA - G2 OU = Class 2 Managed PKI Individual Subscriber CA OU = Symantec Trust Network O=Bank Negara Malaysia, C=MY,	17E06D0 B29D0D5 308AC9E 07FD368 5B18	RSA	2048 bit	sha256W ithRSAEnc ryption	Thursday, 29 September 00:00:00 2011	Monday, 27 September 23:59:59 2021	50A673F3C0D9 8D3BC661A7F9 487E3FB0DBDF 7CB6	EC32ADBBC7D974F9DEEC7E5D0AF7B 802900EA6F4462E783911CF204213D 695AF
4	4	CN = Symantec Class 2 Public Primary Certification Authority - G6 OU = Symantec Trust Network O = Symantec Corporation C = US	CN = MSC Trustgate.com Class 2 Consumer Individual Subscriber CA-G3 OU = Symantec Trust Network O = MSC Trustgate.com Sdn. Bhd. C = MY	6C49493 5A09095 B4A70E4 A8410F9 2BCD	RSA	2048 bit	sha256W ithRSAEnc ryption	Tuesday, 4 April, 2017 00:00:00	Sunday, 3 April, 2022 23:59:59	12BB751BC981 7D545FBA910C EE253CF39DB5 1AD2	0FDB4DB83E706E342AA89E9A858B0 CA16393A37E6A3B6C95989379F7920 F8670
5	5	CN = Symantec Class 2 Public Primary Certification Authority - G6 OU = Symantec Trust Network O = Symantec Corporation C = US	CN = MSC Trustgate.com Class 2 MPKI Individual Subscriber CA-G3 OU = Symantec Trust Network O = MSC Trustgate.com Sdn. Bhd. C = MY	2657D43 610D347 2F6F908 DCB6219 D412	RSA	2048 bit	sha256W ithRSAEnc ryption	Thursday, 23 March, 2017 00:00:00	Tuesday, 22 March, 2022 23:59:59	C8033A73CD6C B707AD7AD8C CA19C06491AF 14B60	3473AECDD1D6248FD45FEE88A2D175 8397F6C4A45AEFDC8CE97C764500D 214560
6	6	CN = Symantec Class 2 Public Primary	CN = MSC Trustgate.com Class 2 CA-G3	35629FA 5234394 D5D2120	RSA	2048 bit	sha256W ithRSAEnc ryption	Tuesday, 4 April, 2017 00:00:00	Saturday, 3 April, 2027 23:59:59	8AF4B48CF2330 83795B3679EA 54582BE3D241 497	6A0392DD4B5BAAF82054607FCD6F5 1C73E726AF444E2400382D75C4FD20 C2B3F

CA #	CERT #	Issuer	Subject	Serial	Key Algorithm	Key Size	Digest Algorithm	Not Before	Not After	SKI	SHA256 Fingerprint
		Certification Authority - G6 OU = Symantec Trust Network O = Symantec Corporation C = US	OU = Symantec Trust Network O = MSC Trustgate.com Sdn. Bhd. C = MY	C9F8F7C25E5							
7	7	CN = MSC Trustgate.com Class 2 CA-G3 OU = Symantec Trust Network O = MSC Trustgate.com Sdn. Bhd. C = MY	CN = MyTrust ID Public Basic CA OU = Class 2 Managed PKI Individual Subscriber CA OU = Symantec Trust Network O = MSC Trustgate.com Sdn. Bhd. C = MY	6C2F088D169DB78D2D97E4CDAA37AC40	RSA	2048 bit	sha256WithRSAEncryption	Tuesday, 4 April, 2017 00:00:00	Sunday, 3 April, 2022 23:59:59	5EA97AF3CA84C9D2AC35900F0C1BE6E548CDCBE9	E327BE32B39398DBD840ED1F3305B93ED34D2FBB6D02D96E1E6A0DDCDAE7AA29
8	8	CN = MSC Trustgate.com Class 2 CA-G3 OU = Symantec Trust Network O = MSC Trustgate.com Sdn. Bhd. C = MY	CN = MyTrust ID Public CA OU = Class 2 Managed PKI Individual Subscriber CA OU = Symantec Trust Network O = MSC Trustgate.com Sdn. Bhd. C = MY	79829BD93D502CB61746F97483D7E4CC	RSA	2048 bit	sha256WithRSAEncryption	Tuesday, 4 April, 2017 00:00:00	Sunday, 3 April, 2022 23:59:59	EB93E4C32495BC60B508462E546EAF1D842780A8	8D73328E2BAB3DB5DB2D1A027235E00753A739A8A2DF635EAA3C5F5C981B52C5
9	9	CN = Symantec Class 3 Internal Root CA O = Symantec Corporation C = US	CN = MSC Trustgate.com Class 3 Private MPKI Enterprise Admin CA O = MSC Trustgate.com Sdn. Bhd. C=MY	2EAC26CF04C8941A2218561F25380251	RSA	2048 bit	sha256WithRSAEncryption	Thursday, 23 May, 2013 00:00:00	Monday, 22 May, 2023 23:59:59	562D45840AD59C1D572D5A3CD5DC7D7727EFA234	49F046A082E60E5C646E03837D3E7A346824D4E93B85116D7A556C778F670CCC

CA #	CERT #	Issuer	Subject	Serial	Key Algorithm	Key Size	Digest Algorithm	Not Before	Not After	SKI	SHA256 Fingerprint
10	10	CN = Symantec Class 3 Internal Root CA O = Symantec Corporation C = US	CN = MSC Trustgate.com Class 3 Private MPKI Operational Admin CA O = MSC Trustgate.com Sdn. Bhd. C = MY	1A7597984C8E7872059E3D2977B1E508	RSA	2048 bit	sha256WithRSAEncryption	Thursday, 23 May, 2013 00:00:00	Monday, 22 May, 2023 23:59:59	A2148E5394CC1ADE825DE06EB30765057334E5C5	9C8DBD0027FDAC6ED1A322472416A041E3A4A62B677B929E97058480315E321C
11	11	CN = Symantec Class 1 Public Primary Certification Authority - G6 OU = Symantec Trust Network O = Symantec Corporation C = US	CN = MSC Trustgate.com Class 1 Consumer Individual Subscriber CA-G3 OU = Symantec Trust Network O = MSC Trustgate.com Sdn. Bhd. C = MY	0C448FC443654A8B6173FC97CFED1C87	RSA	2048 bit	sha256WithRSAEncryption	Tuesday, 4 April, 2017 00:00:00	Sunday, 3 April, 2022 23:59:59	6CA1BF98D24786733998E9093233AAFA6C559A2E	E6AB6737AD375FF71F13FF6B5E246E76C07DEADCA9079FC1231359F82A184922