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Independent Accountant's Report

To the Management of Starfield Technologies, LLC:

We have examined for Starfield Technologies, LLC ("Starfield") for its Starfield and Go Daddy Certification Authority (CA) operations at Scottsdale, Arizona and Phoenix, Arizona,

- Starfield's disclosure of its business, key lifecycle management, certificate lifecycle management, and CA environmental control practices, the provision of services in accordance with its <u>Starfield</u> <u>Technologies, LLC Certificate Policy and Certification Practices Statement (CP/CPS), version 3.10,</u> <u>dated March 1, 2017</u>, and
- the effectiveness of Starfield's controls over key and certificate integrity, the authenticity and confidentiality of subscriber and relying party information, the continuity of key and certificate lifecycle management operations, and development, maintenance, and operation of CA systems integrity throughout the period July 1, 2016 to March 31, 2017 for its CAs as enumerated in Appendix A.

Starfield's management is responsible for these disclosures and for maintaining effective controls, based on the WebTrust Principles Criteria for Certification Authorities v2.0. Our responsibility is to express an opinion, based on our examination.

The relative effectiveness and significance of specific controls at Starfield 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. Our examination did not extend to controls at individual subscriber and relying party locations and we have not evaluated the effectiveness of such controls.

Starfield does not escrow its CA keys and does not provide subscriber key generation services, subscriber key storage and recovery services, integrated circuit card lifecycle management, and certificate suspension services. Accordingly, our examination did not extend to controls that would address those criteria.

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, throughout the period July 1, 2016 to March 31, 2017, for its Starfield and GoDaddy CAs, in all material respects, Starfield,:

- disclosed its business, key lifecycle management, certificate lifecycle management, and CA environmental control practices in its:
 - <u>Starfield Technologies, LLC Certificate Policy and Certification Practices Statement (CP/CPS)</u>, version 3.10, dated March 1, 2017
- maintained effective controls to provide reasonable assurance that:
 - Starfield provides its services in accordance with its CP/CPS
 - 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 is properly authenticated (for the registration activities performed by Starfield); and



- o subordinate CA certificate requests are accurate, authenticated, and approved
- o logical and physical access to CA systems and data is restricted to authorized individuals;
- o the continuity of key and certificate management operations is maintained; and
- CA systems development, maintenance, and operations are properly authorized and performed to maintain CA systems integrity

based on the WebTrust Principles and Criteria for Certification Authorities v2.0.

During our examination, we noted the following matters which caused a modification of our opinion:

| | Matters Noted | Relevant WebTrust Criteria |
|---|---|---|
| 1 | As disclosed by Starfield, it was noted that Starfield mis- issued 8951 certificates during the examination period due to a configuration error that resulted in the domain validation process not being completed accurately in certain circumstances. This caused WebTrust Principles and Criteria for Certification Authorities v2.0, | Criterion 3.7: The CA maintains controls to provide reasonable assurance that CA systems development and maintenance activities are documented, tested, authorized, and properly implemented to maintain CA system integrity. Criterion 6.1: The CA maintains controls to provide reasonable assurance that: For authenticated certificates: Subscribers are accurately identified in accordance with the CA's disclosed business practices; and Subscriber's certificate requests are accurate, authorized and |
| | Criteria 3.7 and 6.1 to not be met. | complete. For domain validated certificates: Subscribers' domain names are accurately validated in accordance with the CA's disclosed business practices; and Subscriber's certificate requests are accurate and complete. |

Because of the nature and inherent limitations of controls, Starfield's ability to meet the WebTrust Principles and Criteria for Certification Authorities v2.0 criteria may be affected. For example, controls may not prevent, or detect and correct, error, fraud, unauthorized access to systems and information, or failure to comply with internal and external policies or requirements. Also, the projection of any conclusions based on our findings to future periods is subject to the risk that changes may alter the validity of such conclusions.

In our opinion, except for the matters described in the preceding table, throughout the period July 1, 2016 to March 31, 2017, Starfield has, in all material respects:

- disclosed its business, key lifecycle management, certificate lifecycle management, and CA environmental control practices in its: <u>Starfield Technologies, LLC Certificate Policy and Certification Practices Statement (CP/CPS), version</u> <u>3.10, dated March 1, 2017</u>
- maintained effective controls to provide reasonable assurance that:
 Starfield provides its services in accordance with its CP/CPS
- 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 is properly authenticated (for the registration activities performed by Starfield); and
- o subordinate CA certificate requests are accurate, authenticated, and approved
- maintained effective controls to provide reasonable assurance that:
 - o logical and physical access to CA systems and data is restricted to authorized individuals;
 - o the continuity of key and certificate management operations is maintained; and
 - CA systems development, maintenance, and operations are properly authorized and performed to maintain CA systems integrity

based on the WebTrust Principles and Criteria for Certification Authorities v2.0.

This report does not include any representation as to the quality of Starfield's services other than its CA operations at Scottsdale, Arizona and Phoenix, Arizona, nor the suitability of any of Starfield's services for any customer's intended purpose.



Santa Clara, California August 31, 2017

Appendix A – Starfield and Go Daddy Root and Issuing CAs

| Subject CN | Serial No | Fingerprint - SHA1 | Fingerprint - SHA2 |
|---|--|--|--|
| Starfield Class 2 Certification Authority | 00 | ad7e1c28b064ef8f60034 02014c3d0e3370eb58a | 1465fa205397b876faa6f0a 9958e5590e40fcc7faa4fb7 c2c8677521fb5fb658 |
| Starfield Root Certificate Authority - G2 | 00 | b51c067cee2b0c3df855 ab2d92f4fe39d4e70f0e | 2ce1cb0bf9d2f9e102993fb e215152c3b2dd0cabde1c 68e5319b839154dbb7f5 |
| Starfield Root Certificate Authority - G3 | 37 97 3c 60 2b ab 78 9c 96 13 69 5b 6c b0 03 10 | 6dfccf5ab75115a375a1f a612a476256e95dccc2 | 6d7f2445b84abb082c5d09 2ab46177282bac96ee2ba 37fea8a1c9a30a0780c1e |
| Starfield Root Certificate Authority - G4 | 00 b1 a5 d0 12 b1 61 15 59 76 5f ee d0 07 25 45 92 | c52a39f20c134d862c0c b5a5ee5234a0ffcafe9f | f37b58624ff838b8f48ce17 a5344a15578d7112ab49f4 aa2a99212ec63605158 |
| Starfield Secure Certification Authority | 02 01 | 7e1874a98faa5d6d2f50 6a8920ff22fbd16652d9 | 05a6db389391df92e0be93 fdfa4db1e3cf53903918b8d 9d85a9c396cb55df030 |
| Starfield Secure Certificate Authority - G2 | 07 | 7edc376dcfd45e6ddf082 c160df6ac21835b95d4 | 93a07898d89b2cca166ba 6f1f8a14138ce43828e491 b831926bc8247d391cc72 |
| Starfield Secure Certificate Authority - G3 | 00 ab 23 ac 16 ab 89 cd be | e0e7f3eb1664cc1bf0745 38eb9e83186c978b814 | 51bd250721ce5cb9252a6 0dc9e7b3276399489cc4e 0c901440115f617db204e6 |
| Starfield Secure Certificate Authority - G4 | 16 e6 f8 de 83 0f 23 5a | a276dd454651688ebaaf 967f4f939f9b2f8f27dd | f7e18a5bad661f6e24aa52 1de998a86e8d7d385ad27 8437c473c0805734a646b |
| Starfield Secure Code Signing Certificate Authority - G2 | 1e 8d fd | 826e59f21e05f2be3e20 598815d11f08b79d4c35 | 26cfa206753e96aed7c30f 5674e7c6f5a0cb2f93837af 6a1596c2f799c725385 |
| Starfield Secure Code Signing Certificate Authority - G3 | 6c 8c 3e 7c f0 e2 83 05 | e4203b7480b04eaa3fdc 4646b8c12d9dde60d986 | 18362e8164394a8ea250d 57812e95497afdc145cbd2 fb6b9c3114500b805be38 |
| Starfield Secure Code Signing Certificate Authority - G4 | 00 fa 47 de bf aa 16 6a a5 | 8ff7fee148757ba1d455b fae6b1897786c475161 | 16b6e0b98912365ea3f383 f9eda3c380414c4832f4e6 1c839611e04a4ee8577b |
| Starfield Secure Extended Validation Code Signing CA - G2 | 07 7a 92 3d 1b d9 47 c7 | 95e2921f9ae6abe2c348 cceeac234e3ce1aae596 | f41a694b3825942db89523 e9775f997db9fa2998398d c39a74b72670dacfd468 |

| Subject CN | Serial No | Fingerprint - SHA1 | Fingerprint - SHA2 |
|--|--|--|--|
| Starfield Secure Extended Validation Code Signing CA - G3 | 1c a2 be fc 40 b6 00 ed | f0c2d4c33a9a41047092 1bceb3c583fe26dbd154 | 51c89171f0a09d841e08d8 de1b12051118e2a16029c d28d885829078ec0a2c83 |
| Starfield Secure Extended Validation Code Signing CA - G4 | 0a df 89 e9 6e 72 92 c1 | 964ad8e1750b0c8c3fa7f fc51c05b58bb15b9534 | 821b05bb61adea2a10962 8148c4ab4d7b16c5ee99e 0b62691d452cecbaf96930 |
| Starfield Services Root Certificate Authority | 00 | 5d003860f002ed829dea a41868f788186d62127f | b5bd2cb79cbd1907298d6 bdf4842e516d8c78fa6fc96 d25f71af814e16cc245e |
| Go Daddy Class 2 Certification Authority | 00 | 2796bae63f1801e27726 1ba0d77770028f20eee4 | c3846bf24b9e93ca64274c 0ec67c1ecc5e024ffcacd2d 74019350e81fe546ae4 |
| Go Daddy Root Certificate Authority - G2 | 00 | 47beabc922eae80e7878 3462a79f45c254fde68b | 45140b3247eb9cc8c5b4f0 d7b53091f73292089e6e5a 63e2749dd3aca9198eda |
| Go Daddy Root Certificate Authority - G3 | 58 56 36 b7 32 66 ef 14 a9 d7 ca 42 21 75 9c d2 | 78254b20e40965461abf 0a745f9d36955cb213e7 | 51a490f85232d915e3eae3 df695811a74d1faebe3b47 ec43a58d881d44db4371 |
| Go Daddy Root Certificate Authority - G4 | 00 bd 83 76 4c 96 e5 91 b1 de 1c 57 48 f5 40 a8 05 | f00f0478624e179dba30 1b39394b7d46ebf940fc | c1a27ecbdf9cbb3e112cb0 39cb3ac9e418b6c528d28 22ffb68c9c7261850bc41 |
| Go Daddy Secure Certification Authority | 03 01 | 7c4656c3061f7f4c0d67b 319a855f60ebc11fc44 | 09ed6e991fc3273d8fea31 7d339c02041861973549cf a6e1558f411f11211aa3 |
| Go Daddy Secure Certificate Authority - G2 | 7 | 27ac9369faf25207bb262 7cefaccbe4ef9c319b8 | 973a41276ffd01e027a2aa d49e34c37846d3e976ff6a 620b6712e33832041aa6 |
| Go Daddy Secure Certificate Authority - G3 | 00 e1 d9 c6 ba 69 1a c4 a4 | c2d49a088f1ae53856d0 931f7b641774b8e0df9e | 91b45fd047e5477642806d 93b76e76dd308a202c754 d94633733409577af9713 |
| Go Daddy Secure Certificate Authority - G4 | 00 a5 89 b5 13 01 54 db fe | 49bacbddf4d8a2969b31 32e8b1112ca61d0970eb | cb35eea6b78cefd67e7dc7 fe6fa3b38dfd601d903fa29 266b34c839411541c8c |
| Go Daddy Secure Code Signing Certificate Authority - G2 | 2b a2 ea | 4aa2d7c1425f9a304a89 e765b38c14e2e78f0e07 | ef356cc299aa637916c81a 48891b5ba2f333a2064d93 a89ba14f63a14aa6b251 |

| Subject CN | Serial No | Fingerprint - SHA1 | Fingerprint - SHA2 |
|--|-------------------------------|--|--|
| Go Daddy Secure Code Signing Certificate Authority - G3 | 11 5e 9e 4b 6b 92 50 26 | 8e7508a9c3e0d00d31a8 974c7a944f33008ad4c1 | d315a3ab17713300a1d75 eeb1c93ddb1ffbbc352856 0c4b6168bbe710db02ffb |
| Go Daddy Secure Code Signing Certificate Authority - G4 | 33 b7 c6 14 fd 95 67 4d | 26790ea1ab452fa2ee83 f7f403e6a4ed42182ff5 | 0752c9c07d35b167d476b 46a9bc11fd72a9767bb694 e8e2ec90b7245eda71644 |
| Go Daddy Secure Extended Validation Code Signing CA - G2 | 08 e6 6e 7c 80 1f 1a 07 | 7cfc2c69dc329478e476 df9a223d4d175f42653a | 9efc910271094b886bd9a8 fc9e394dbf2ae514778cb3 73544085af815cabfe2d |
| Go Daddy Secure Extended Validation Code Signing CA - G3 | 00 90 07 02 4a 40 de e4 01 | 416f3ed1bfa8c63b1f6d4 14fb7ff564cbe34294e | cc1b85a51dcbbd9e90d16 1f6f9c469b3c39ee90730c 95f6df124bdd620f50947 |
| Go Daddy Secure Extended Validation Code Signing CA - G4 | 45 3c 93 cf c2 b6 bb 7f | 51ec4bfa72e43f3d53c95 b54587ca771fa4e6d9d | 86a46261c81cf6414cb7c8 7b34110cd7a22bf9034fc9 8ae159cac6362ad5e732 |



Assertion by Management as to Its Disclosure of its Business Practices and its Controls Over Certification Authority Operations throughout the period July 1, 2016 to March 31, 2017

Starfield Technologies, LLC ("Starfield") operates the Certification Authority (CA) services known as the Starfield and Go Daddy CAs, as enumerated in Appendix A, and provides the following CA services

- Subscriber registration
- Certificate renewal
- Certificate rekey
- Certificate issuance
- Certificate distribution
- Certificate revocation
- Certificate validation
- Subordinate CA certification

The management of Starfield is responsible for establishing and maintaining effective controls over its CA operations, including its CA business practices disclosure on its website, CA business practices management, CA environmental controls, CA key lifecycle management controls, subscriber key lifecycle management controls, certificate lifecycle management controls, and subordinate CA 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 Starfield's CA operations. Furthermore, because of changes in conditions, the effectiveness of controls may vary over time.

Starfield management has assessed its disclosures of its certificate practices and controls over its CA services. During our assessment, we noted the following matters which caused the relevant criteria to not be met:

| | Matters Noted | Relevant WebTrust Criteria |
|---|---|--|
| 1 | Starfield mis-issued 8951 certificates during the examination period due to a configuration error that resulted in the domain validation process not being completed accurately in certain circumstances. | Criterion 3.7: The CA maintains controls to provide reasonable assurance that CA systems development and maintenance activities are documented, tested, authorized, and properly implemented to maintain CA system integrity. |
| | This caused WebTrust Principles and Criteria for Certification Authorities v2.0, Criteria 3.7 and 6.1 to not be met. | Criterion 6.1: The CA maintains controls to provide reasonable assurance that: |
| | In response to the misissuance of SSL certificates in January 2017, management took | For authenticated certificates: |

| Matters Noted | Relevant WebTrust Criteria |
|---|--|
| timely action to identify the cause, document the process, revoke all impacted certificates, and notify customers, browsers, and CAs. Additionally, management was careful to ensure that when the certificates in question were identified, they were revoked within 24 hours of identification. For additional investigation and remediation timelines, refer to the publicly disclosed incident report that was posted to the "mozilla.dev.security.policy" email list on 1/10/2017. Additionally, in April 2017, management formalized the automated testing procedures have been published on the Starfield and GoDaddy repositories. | Subscribers are accurately identified in accordance with the CA's disclosed business practices; and Subscriber's certificate requests are accurate, authorized and complete. For domain validated certificates Subscribers' domain names are accurately validated in accordance with the CA's disclosed business practices; and Subscriber's certificate requests are accurate and complete. |

Based on that assessment, in Starfield management's opinion, except for the matters described in the preceding table, in providing its Certification Authority (CA) services at Scottsdale, Arizona and Phoenix, Arizona, throughout the period July 1, 2016 to March 31, 2017, Starfield has:

- disclosed its business, key lifecycle management, certificate lifecycle management, and CA environmental control practices in its:
 - <u>Starfield Technologies, LLC Certificate Policy and Certification Practices Statement</u> (CP/CPS), version 3.10, dated March 1, 2017
- maintained effective controls to provide reasonable assurance that:
 - o Starfield provides its services in accordance with its Certification Practice Statement
- 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 is properly authenticated (for the registration activities performed by Starfield); and
 - o subordinate CA certificate requests are accurate, authenticated, and approved
- maintained effective controls to provide reasonable assurance that:
 - o logical and physical access to CA systems and data is restricted to authorised individuals;
 - the continuity of key and certificate management operations is maintained; and
 - CA systems development, maintenance, and operations are properly authorised and performed to maintain CA systems integrity

in accordance with the WebTrust Principles and Criteria for Certification Authorities v2.0, including the following:

CA Business Practices Disclosure

- Certification Practice Statement (CPS)
- Certificate Policy (CP)

CA Business Practices Management

- Certificate Policy Management
- Certification 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

• Requirements for Subscriber Key Management

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

Starfield does not escrow its CA keys and does not provide subscriber key generation services, subscriber key storage and recovery services, integrated circuit card lifecycle management, and certificate suspension services. Accordingly, our assertion does not extend to controls that would address those criteria.

Starfield Technologies, LLC

Arne Josefsberg

Chief Information Officer August 31, 2017

Appendix A – Starfield and Go Daddy Root and Issuing CAs

| Subject CN | Serial No | Fingerprint - SHA1 | Fingerprint - SHA2 |
|---|--|--|--|
| Starfield Class 2 Certification Authority | 00 | ad7e1c28b064ef8f60034 02014c3d0e3370eb58a | 1465fa205397b876faa6f0a9958e 5590e40fcc7faa4fb7c2c8677521f b5fb658 |
| Starfield Root Certificate Authority - G2 | 00 | b51c067cee2b0c3df855 ab2d92f4fe39d4e70f0e | 2ce1cb0bf9d2f9e102993fbe2151 52c3b2dd0cabde1c68e5319b839 154dbb7f5 |
| Starfield Root Certificate Authority - G3 | 37 97 3c 60 2b ab 78 9c 96 13 69 5b 6c b0 03 10 | 6dfccf5ab75115a375a1f a612a476256e95dccc2 | 6d7f2445b84abb082c5d092ab46 177282bac96ee2ba37fea8a1c9a 30a0780c1e |
| Starfield Root Certificate Authority - G4 | 00 b1 a5 d0 12 b1 61 15 59 76 5f ee d0 07 25 45 92 | c52a39f20c134d862c0c b5a5ee5234a0ffcafe9f | f37b58624ff838b8f48ce17a5344a 15578d7112ab49f4aa2a99212ec 63605158 |
| Starfield Secure Certification Authority | 02 01 | 7e1874a98faa5d6d2f50 6a8920ff22fbd16652d9 | 05a6db389391df92e0be93fdfa4d b1e3cf53903918b8d9d85a9c396 cb55df030 |
| Starfield Secure Certificate Authority - G2 | 07 | 7edc376dcfd45e6ddf082 c160df6ac21835b95d4 | 93a07898d89b2cca166ba6f1f8a1 4138ce43828e491b831926bc824 7d391cc72 |
| Starfield Secure Certificate Authority - G3 | 00 ab 23 ac 16 ab 89 cd be | e0e7f3eb1664cc1bf0745 38eb9e83186c978b814 | 51bd250721ce5cb9252a60dc9e7 b3276399489cc4e0c901440115f 617db204e6 |
| Starfield Secure Certificate Authority - G4 | 16 e6 f8 de 83 0f 23 5a | a276dd454651688ebaaf 967f4f939f9b2f8f27dd | f7e18a5bad661f6e24aa521de998 a86e8d7d385ad278437c473c080 5734a646b |
| Starfield Secure Code Signing Certificate Authority - G2 | 1e 8d fd | 826e59f21e05f2be3e20 598815d11f08b79d4c35 | 26cfa206753e96aed7c30f5674e7 c6f5a0cb2f93837af6a1596c2f799 c725385 |
| Starfield Secure Code Signing Certificate Authority - G3 | 6c 8c 3e 7c f0 e2 83 05 | e4203b7480b04eaa3fdc 4646b8c12d9dde60d986 | 18362e8164394a8ea250d57812e 95497afdc145cbd2fb6b9c311450 0b805be38 |
| Starfield Secure Code Signing Certificate Authority - G4 | 00 fa 47 de bf aa 16 6a a5 | 8ff7fee148757ba1d455b fae6b1897786c475161 | 16b6e0b98912365ea3f383f9eda3 c380414c4832f4e61c839611e04 a4ee8577b |
| Starfield Secure Extended Validation Code Signing CA - G2 | 07 7a 92 3d 1b d9 47 c7 | 95e2921f9ae6abe2c348 cceeac234e3ce1aae596 | f41a694b3825942db89523e9775f 997db9fa2998398dc39a74b7267 0dacfd468 |

| Subject CN | Serial No | Fingerprint - SHA1 | Fingerprint - SHA2 |
|---|--|--|--|
| Starfield Secure Extended Validation Code Signing CA - G3 | 1c a2 be fc 40 b6 00 ed | f0c2d4c33a9a41047092 1bceb3c583fe26dbd154 | 51c89171f0a09d841e08d8de1b1 2051118e2a16029cd28d8858290 78ec0a2c83 |
| Starfield Secure Extended Validation Code Signing CA - G4 | 0a df 89 e9 6e 72 92 c1 | 964ad8e1750b0c8c3fa7f fc51c05b58bb15b9534 | 821b05bb61adea2a109628148c4 ab4d7b16c5ee99e0b62691d452c ecbaf96930 |
| Starfield Services Root Certificate Authority | 00 | 5d003860f002ed829dea a41868f788186d62127f | b5bd2cb79cbd1907298d6bdf484 2e516d8c78fa6fc96d25f71af814e 16cc245e |
| Go Daddy Class 2 Certification Authority | 00 | 2796bae63f1801e27726 1ba0d77770028f20eee4 | c3846bf24b9e93ca64274c0ec67c 1ecc5e024ffcacd2d74019350e81f e546ae4 |
| Go Daddy Root Certificate Authority - G2 | 00 | 47beabc922eae80e7878 3462a79f45c254fde68b | 45140b3247eb9cc8c5b4f0d7b53 091f73292089e6e5a63e2749dd3 aca9198eda |
| Go Daddy Root Certificate Authority - G3 | 58 56 36 b7 32 66 ef 14 a9 d7 ca 42 21 75 9c d2 | 78254b20e40965461abf 0a745f9d36955cb213e7 | 51a490f85232d915e3eae3df6958 11a74d1faebe3b47ec43a58d881 d44db4371 |
| Go Daddy Root Certificate Authority - G4 | 00 bd 83 76 4c 96 e5 91 b1 de 1c 57 48 f5 40 a8 05 | f00f0478624e179dba30 1b39394b7d46ebf940fc | c1a27ecbdf9cbb3e112cb039cb3a c9e418b6c528d2822ffb68c9c726 1850bc41 |
| Go Daddy Secure Certification Authority | 03 01 | 7c4656c3061f7f4c0d67b 319a855f60ebc11fc44 | 09ed6e991fc3273d8fea317d339c 02041861973549cfa6e1558f411f 11211aa3 |
| Go Daddy Secure Certificate Authority - G2 | 7 | 27ac9369faf25207bb262 7cefaccbe4ef9c319b8 | 973a41276ffd01e027a2aad49e34 c37846d3e976ff6a620b6712e338 32041aa6 |
| Go Daddy Secure Certificate Authority - G3 | 00 e1 d9 c6 ba 69 1a c4 a4 | c2d49a088f1ae53856d0 931f7b641774b8e0df9e | 91b45fd047e5477642806d93b76 e76dd308a202c754d9463373340 9577af9713 |
| Go Daddy Secure Certificate Authority - G4 | 00 a5 89 b5 13 01 54 db fe | 49bacbddf4d8a2969b31 32e8b1112ca61d0970eb | cb35eea6b78cefd67e7dc7fe6fa3 b38dfd601d903fa29266b34c8394 11541c8c |
| Go Daddy Secure Code Signing Certificate Authority - G2 | 2b a2 ea | 4aa2d7c1425f9a304a89 e765b38c14e2e78f0e07 | ef356cc299aa637916c81a48891 b5ba2f333a2064d93a89ba14f63a 14aa6b251 |
| Go Daddy Secure Code Signing Certificate Authority - G3 | 11 5e 9e 4b 6b 92 50 26 | 8e7508a9c3e0d00d31a8 974c7a944f33008ad4c1 | d315a3ab17713300a1d75eeb1c9 3ddb1ffbbc3528560c4b6168bbe7 10db02ffb |

| Subject CN | Serial No | Fingerprint - SHA1 | Fingerprint - SHA2 |
|--|-------------------------------|--|--|
| Go Daddy Secure Code Signing Certificate Authority - G4 | 33 b7 c6 14 fd 95 67 4d | 26790ea1ab452fa2ee83 f7f403e6a4ed42182ff5 | 0752c9c07d35b167d476b46a9bc 11fd72a9767bb694e8e2ec90b72 45eda71644 |
| Go Daddy Secure Extended Validation Code Signing CA - G2 | 08 e6 6e 7c 80 1f 1a 07 | 7cfc2c69dc329478e476 df9a223d4d175f42653a | 9efc910271094b886bd9a8fc9e39 4dbf2ae514778cb373544085af81 5cabfe2d |
| Go Daddy Secure Extended Validation Code Signing CA - G3 | 00 90 07 02 4a 40 de e4 01 | 416f3ed1bfa8c63b1f6d4 14fb7ff564cbe34294e | cc1b85a51dcbbd9e90d161f6f9c4 69b3c39ee90730c95f6df124bdd6 20f50947 |
| Go Daddy Secure Extended Validation Code Signing CA - G4 | 45 3c 93 cf c2 b6 bb 7f | 51ec4bfa72e43f3d53c95 b54587ca771fa4e6d9d | 86a46261c81cf6414cb7c87b3411 0cd7a22bf9034fc98ae159cac636 2ad5e732 |