TELIA'S MANAGEMENT'S ASSERTION

Telia Company AB (Telia) operates the Certificate Authority (CA) services as listed in Appendix A, and provides the following services:

- Subscriber registration
- Certificate renewal
- Certificate rekey
- Certificate issuance
- Certificate distribution
- Certificate revocation
- Certificate validation
- Subscriber key generation and management
- Subordinate CA certification

The management of Telia 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 Telia's Certification Authority operations. Furthermore, because of changes in conditions, the effectiveness of controls may vary over time.

The management of Telia management has assessed its disclosures of its certificate practices and controls over its CA services. Based on that assessment, in Telia management's opinion, in providing its Certification Authority (CA) services in Finland and Sweden, throughout the period 1 April 2020 to 31 March 2021 Telia has:

- Disclosed its Business, Key Life Cycle Management, Certificate Life Cycle Management, and CA Environmental Control practices in its:
    - Certificate Policy and Certification Practice Statement for Telia Client Certificates, version 2.0, dated February 2021
    - Certificate Policy and Certification Practice Statement for Telia Server Certificates, version 3.0, dated February 2021
- Maintained effective controls to provide reasonable assurance that:
    - Telia provides its services in accordance with its Certificate Practice Statements
- Maintained effective controls to provide reasonable assurance that:
    - the integrity of keys and certificates it manages is established and protected throughout their life cycles;
    - the integrity of subscriber keys and certificates it manages is established and protected throughout their life cycles;

o   the Subscriber information is properly authenticated (for the registration activities performed by Telia; 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
  - o   CA systems development, maintenance, and operations are properly authorized and performed to maintain CA systems integrity

in accordance with the WebTrust Principles and Criteria for Certification Authorities v2.2.1, including the following:

CA Business Practices Disclosure

- Certification Practice Statement (CPS)

CA Business Practices Management

- Certification Practice Statement Management

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 Key Storage and Recovery Services
- 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

Telia does not escrow its CA keys, does not provide Integrated Circuit Card (ICC) Lifecycle Management, and does not provide certificate suspension services. Accordingly, our assertion does not extend to controls that would address those criteria.

Helsinki, 28 June 2021

Telia Company AB

Original signed by

Tomi Hautala

Head of Trust Services

Appendix A: List of CAs in scope

The following CAs were in scope of the engagement:

CA #	Cert #	Subject	Issuer	Serial	Key Algorithm	Key Size	Digest Algorithm	Not Before	Not After	SKI	SHA2 Fingerprint	Other information
1	1	CN = TeliaSonera Root CA v1 O = TeliaSonera	Self-signed	0095BE16A0F72E 46F17B398272FA8 BCD96	RSA	4096 bits	sha1RSA	18 October 2007	18 October 2032	F08F593800B3F58 F9A960CD5EBFA7 BAA17E81312	DD6936FE21F8F077C 123A1A521C12224F72 255B73E03A7260693E 8A24B0FA389	
1	2	CN = TeliaSonera Root CA v1 O = TeliaSonera	Sonera Class2 CA	87ED2E1A28264A C519AA3AEBB90D A2CB	RSA	4096 bits	sha256RSA	5 December 2014	5 April 2021	F08F593800B3F58 F9A960CD5EBFA7 BAA17E81312	E9563581E712B290F2 3A749346535EB0D981 E3D4A39D56D604684 CD0B1698C89	Cross-certificate
2	1	CN = Sonera Class2 CA O = Sonera C = FI	Self-signed	1D	RSA	2048 bits	sha1RSA	16 April 2001	16 April 2021	4AA0AA5884D35E 3C	7908B40314C138100B 518D0735807FFBFCF 8518A0095337105BA3 86B153DD927	
3	1	CN = Telia Root CA v2 O = Telia Finland Oyj C = FI	Self-signed	01675F27D6FE7A E3E4ACBE095B05 9E	RSA	4096 bits	sha256RSA	29 November 2018	29 November 2043	72ACE43379AA45 87F6FDAC1D9ED6 C72F86D82439	242B69742FCB1E5B2 ABF98898B945721875 44E5B4D99117865736 21F6A74B82C	
3	2	CN = Telia Root CA v2 O = Telia Finland Oyj C = FI	TeliaSonera Root CA v1	01675F82BE0017D E8955A9376EB1F 9	RSA	4096 bits	sha256RSA	29 November 2018	18 October 2032	72ACE43379AA45 87F6FDAC1D9ED6 C72F86D82439	EF6F29F636F62BDD4 753122F41F3419EE7C 2877587BE4A9807AD F58946458E7F	Cross-certificate
4	1	CN = TeliaSonera Server CA v2 O = TeliaSonera C = FI	TeliaSonera Root CA v1	4C462AF6DBFBF7 804F84C17CFEA9 72B6	RSA	4096 bits	sha256RSA	16 October 2014	16 October 2032	2F493C294FD7072 5F9C68CD564F56 63D12832295	D721110388CA6F20B BA9FD1A8DBA4EFB8 C16392A3DEBAD97C5 53EEAF0ACACAAC	

CA #	Cert #	Subject	Issuer	Serial	Key Algorithm	Key Size	Digest Algorithm	Not Before	Not After	SKI	SHA2 Fingerprint	Other information
5	1	CN = TeliaSonera Gateway CA v2 O = TeliaSonera C = FI	TeliaSonera Root CA v1	00863C756411958 54FB43138A0A0C F8AA3	RSA	4096 bits	sha256RSA	16 October 2014	16 October 2032	87AAE313129F118 BCA68CD1E2DC4 29A8FA101ACB	46226B7B89E02CA8F 5D85D67ED8CB4B19C 48382058BB16242199 D540CABE9268	Revoked (cessationOfOp eration) 28 April 2021
6	1	CN = Telia Domain Validation SSL CA v1 O = Telia Finland Oyj C = FI	TeliaSonera Root CA v1	0161AE2005CE3F 127EF88DD7251B B1	RSA	4096 bits	sha256RSA	19 February 2018	16 October 2032	496C32537C5DED 2BE3A2AB9C0BC9 5DE495D4925F	D75F8BC0DB4B29382 145499A61148659CF2 9A967E2AE470B498A 1799788A8284	Revoked 17 April 2020
7	1	CN = Telia Domain Validation CA v3 O = Telia Finland Oyj C = FI	Telia Root CA v2	01675FFDE7E418 11E2CD76B0CDB5 0A	RSA	4096 bits	sha256RSA	29 November 2018	29 November 2043	5BF1EE298D31B2 3B3AE017CBA407 E93F82421FA3	A7E83056E9B3D9DDB 1816B95518F6A5E5A1 DFDFA28F60533B1C8 50855EAA4263	
8	1	CN = Telia Domain Validation CA v2 O = Telia Finland Oyj C = FI	TeliaSonera Root CA v1	016584E34A38D9 E963EBEED21747 84	RSA	4096 bits	sha256RSA	29 August 2018	18 October 2032	ED3D749C2C53BB 71937B4B11F6B89 1E282F992DB	5B312B7E11B70D07C 14E0AB99F08D007489 66098C52AA85A06A08 22BBE59A02C	
9	1	CN = Telia Server CA v3 O = Telia Finland Oyj C = FI	Telia Root CA v2	01675FE78F10F34 9257F16B3731F7A	RSA	4096 bits	sha256RSA	29 November 2018	29 November 2043	46668D0E072316B 0EA4F05EB965AD EA5EEC97EA4	1281AD8FABE883F20 9E9636448D1A80C373 DAA7686C813A270FA D48F5F5E589A	

CA #	Cert #	Subject	Issuer	Serial	Key Algorithm	Key Size	Digest Algorithm	Not Before	Not After	SKI	SHA2 Fingerprint	Other information
10	1	CN = TeliaSonera Class 1 CA v2 O = TeliaSonera C = FI	TeliaSonera Root CA v1	00FD41DD7FD19F 3EE9F85D9E4371 33D4DB	RSA	4096 bits	sha256RSA	16 October 2014	16 October 2032	D147228FCBA85D 1AFE2641466ECB 824B657D8AE4	B95AE54F838E3ABF0 B57ACCC1B1266DC68 C7A3FA774015FA128 D60CDD1AAE280	
11	1	CN = TeliaSonera Class 2 CA v2 O = TeliaSonera C = SE	TeliaSonera Root CA v1	637C0BD785A5BF 29DA602D7C4D7A 70B1	RSA	4096 bits	sha256RSA	16 October 2014	16 October 2032	9E19FFE50D3AFE 0097153F69F1DC5 A3CAA0C9483	092829433D231949F4 A9BC666CBF54B3AA2 7D7BEBCA048D75E59 093E15A72EA5	
12	1	CN = TeliaSonera Email CA v4 O = TeliaSonera C = SE	TeliaSonera Root CA v1	52EBA0D8B74B46 EB8557CD6DA2A3 DDDD	RSA	4096 bits	sha256RSA	16 October 2014	16 October 2032	89862A82D178FAF 0A629543587956F D3776019F0	D1F2656AC8382739A3 B087C47AB5CAB945A 32F162B6149C308783 C7E06AF8AE8	
13	1	CN = Ericsson NL Individual CA v3 O = Ericsson C = SE	TeliaSonera Root CA v1	53B87E83E19C99 2893B09B491CEC B8EB	RSA	4096 bits	sha256RSA	27 October 2015	27 October 2025	1C7B199E979C76 AC203DD8DCE391 6AE3DB2DA653	63ED95B17FFDCB7AE 30FEAC6A8746530992 64E21B268D836D9579 66F0B04BE43	
14	1	CN = Ericsson NL Individual CA v2 O = Ericsson	TeliaSonera Root CA v1	00A00CCBCC9B99 98ECE23A70F47C C1C059	RSA	4096 bits	sha1RSA	27 May 2014	27 May 2024	B10DCAD446B7AF 8602C32F6F06CA 0E76717F4B37	24D06B967E70BC8CE 21FFCAFD3EB5B69A4 E2E2CBAF36BB9CD6 4EABCDD1423C4E	Revoked 28 September 2020

CA #	Cert #	Subject	Issuer	Serial	Key Algorithm	Key Size	Digest Algorithm	Not Before	Not After	SKI	SHA2 Fingerprint	Other information
15	1	CN = Telia Document Signing CA v3 O = Telia Finland Oyj C = FI	Telia Root CA v2	016D1A4D94951B A3294A0C26D062 50	RSA	4096 bits	sha256RSA	10 September 2019	29 November 2043	3617108E9E869F2 67FD57542FAD37 BC29059DE54	6924A4DD82948DA53 F6FB933E895A0F6581 C8DBDEBABB36FC11 CAC25E9C0335A	
16	1	CN = Telia Class 3 CA v1 O = Telia Company AB C = SE	Telia Root CA v2	0175bbb1dd52f06c 82a8585fb18d24	RSA	4096 bits	sha256RSA	12 November 2020	25 November 2043	19be618a5f34bfff9 187b75fded525630 90b50c4	E7340DC9475E87C4E 5A4572C82604C5EFF 9BF60B231C54869431 73B26A4CAFCC	

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To the management of Telia Company AB

Amstelveen, 28 June 2021

Subject: Independent Auditor's Report WebTrust for CAs

We have been engaged, in a reasonable assurance engagement, to report on Telia Company AB's (Telia) management's assertion that for its Certification Authority (CA) operations in Finland and Sweden, throughout the period 1 April 2020 through 31 March 2021 for its CA as enumerated in Attachment A, Telia has:

- disclosed its business, key lifecycle management, certificate lifecycle management, and CA environmental control practices in its:

  - Certificate Policy and Certification Practice Statement for Telia Client Certificates, version 2.0, dated February 2021

  - Certificate Policy and Certification Practice Statement for Telia Server Certificates, version 3.0, dated February 2021

- maintained effective controls to provide reasonable assurance that Telia 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 Telia); and

  - subordinate CA certificate requests are accurate, authenticated, and approved

- maintained effective controls to provide reasonable assurance that:

  - logical and physical access to CA systems and data is restricted to authorized individuals;

  - 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.

in accordance with the WebTrust Services Principles and Criteria for Certification Authorities, version 2.2.1 – November 2020.

Telia makes use of external registration authorities for subscriber registration activities, as disclosed in Telia's business practices. Our procedures did not extend to the controls exercised by these external registration authorities.

Telia does not escrow its CA keys, does not provide Integrated Circuit Card (ICC) lifecycle management, and does not provide certificate suspension services. Accordingly, our procedures did not extend to controls that would address those criteria.

Certification Authority's responsibilities

Telia'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 v2.2.1.

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 behaviour. Therefore, we are independent of Telia and complied with other ethical requirements in accordance with the Code of Ethics of NOREA (IT Auditors Association in The Netherlands) and the Code of Ethics for Professional Accountants, a regulation with respect to independence of the NBA, Royal Netherlands Institute of Chartered Accountants.

We apply the International Standard on Quality Control 1, 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. We also apply the Regulations for Quality management systems of the NBA and, accordingly, maintain a comprehensive system of quality control, including documented policies and procedures regarding compliance with ethical requirements, professional standards and applicable legal and regulatory requirements.

Auditor'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 (ISAE) 3000, *Assurance Engagements Other than Audits or Reviews of Historical Financial Information,* issued by the International Auditing and Assurance Standards Board and the related Dutch Directive 3000A 'Attestation engagements', as issued by NOREA.

These standards require 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 Telia's key and certificate lifecycle management business practices and its controls over key and certificate integrity, over the authenticity and

confidentiality of subscriber and relying party information, over the continuity of key and certificate lifecycle management operations and over development, maintenance and operation of systems integrity;

2. selectively testing transactions executed in accordance with disclosed key and certificate lifecycle management business 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.

Relative effectiveness of controls

The relative effectiveness and significance of specific controls at Telia 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

Because of the nature and inherent limitations of controls, Telia's ability to meet the aforementioned 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.

Opinion

In our opinion, throughout the period 1 April 2020 through 31 March 2021, Telia 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 v2.2.1.

This report does not include any representation as to the quality of Telia's services beyond those covered by the WebTrust Principles and Criteria for Certification Authorities v2.2.1, nor the suitability of any of Telia' services for any customer's intended purpose.

Use of the WebTrust seal

Telia's use of the WebTrust for Certification Authorities 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.

On behalf of KPMG Advisory N.V.

Amstelveen, 28 June 2020

Original signed by

drs. ing. R.F. Koorn RE CISA
Partner

Attachment A: List of CAs in scope

The following CAs were in scope of the WebTrust for CAs Audit:

CA #	Cert #	Subject	Issuer	Serial	Key Algorithm	Key Size	Digest Algorithm	Not Before	Not After	SKI	SHA2 Fingerprint	Other information
1	1	CN = TeliaSonera Root CA v1 O = TeliaSonera	Self-signed	0095BE16A0F7 2E46F17B3982 72FA8BCD96	RSA	4096 bits	sha1RSA	18 October 2007	18 October 2032	F08F593800B3F58 F9A960CD5EBFA7 BAA17E81312	DD6936FE21F8F077C123A1 A521C12224F72255B73E03 A7260693E8A24B0FA389	
1	2	CN = TeliaSonera Root CA v1 O = TeliaSonera	Sonera Class2 CA	87ED2E1A282 64AC519AA3A EBB90DA2CB	RSA	4096 bits	sha256RSA	5 December 2014	5 April 2021	F08F593800B3F58 F9A960CD5EBFA7 BAA17E81312	E9563581E712B290F23A749 346535EB0D981E3D4A39D5 6D604684CD0B1698C89	Cross-certificate
2	1	CN = Sonera Class2 CA O = Sonera C = FI	Self-signed	1D	RSA	2048 bits	sha1RSA	16 April 2001	16 April 2021	4AA0AA5884D35E 3C	7908B40314C138100B518D 0735807FFBFCF8518A0095 337105BA386B153DD927	
3	1	CN = Telia Root CA v2 O = Telia Finland Oyj C = FI	Self-signed	01675F27D6FE 7AE3E4ACBE0 95B059E	RSA	4096 bits	sha256RSA	29 November 2018	29 November 2043	72ACE43379AA45 87F6FDAC1D9ED6 C72F86D82439	242B69742FCB1E5B2ABF98 898B94572187544E5B4D991 1786573621F6A74B82C	
3	2	CN = Telia Root CA v2 O = Telia Finland Oyj C = FI	TeliaSonera Root CA v1	01675F82BE00 17DE8955A937 6EB1F9	RSA	4096 bits	sha256RSA	29 November 2018	18 October 2032	72ACE43379AA45 87F6FDAC1D9ED6 C72F86D82439	EF6F29F636F62BDD475312 2F41F3419EE7C2877587BE 4A9807ADF58946458E7F	Cross-certificate

Subject: Independent Auditor's Report   WebTrust for CAs
Amstelveen, 28 June 2021

CA #	Cert #	Subject	Issuer	Serial	Key Algorithm	Key Size	Digest Algorithm	Not Before	Not After	SKI	SHA2 Fingerprint	Other information
4	1	CN = TeliaSonera Server CA v2 O = TeliaSonera C = FI	TeliaSonera Root CA v1	4C462AF6DBF BF7804F84C17 CFEA972B6	RSA	4096 bits	sha256RSA	16 October 2014	16 October 2032	2F493C294FD7072 5F9C68CD564F56 63D12832295	D721110388CA6F20BBA9FD 1A8DBA4EFB8C16392A3DE BAD97C553EEAF0ACACAA C	
5	1	CN = TeliaSonera Gateway CA v2 O = TeliaSonera C = FI	TeliaSonera Root CA v1	00863C756411 95854FB43138 A0A0CF8AA3	RSA	4096 bits	sha256RSA	16 October 2014	16 October 2032	87AAE313129F118 BCA68CD1E2DC4 29A8FA101ACB	46226B7B89E02CA8F5D85D 67ED8CB4B19C48382058BB 16242199D540CABE9268	Revoked (cessationOf-Operation) 28 April 2021
6	1	CN = Telia Domain Validation SSL CA v1 O = Telia Finland Oyj C = FI	TeliaSonera Root CA v1	0161AE2005C E3F127EF88D D7251BB1	RSA	4096 bits	sha256RSA	19 February 2018	16 October 2032	496C32537C5DED 2BE3A2AB9C0BC9 5DE495D4925F	D75F8BC0DB4B2938214549 9A61148659CF29A967E2AE 470B498A1799788A8284	Revoked 17 April 2020
7	1	CN = Telia Domain Validation CA v3 O = Telia Finland Oyj C = FI	Telia Root CA v2	01675FFDE7E 41811E2CD76 B0CDB50A	RSA	4096 bits	sha256RSA	29 November 2018	29 November 2043	5BF1EE298D31B2 3B3AE017CBA407 E93F82421FA3	A7E83056E9B3D9DDB1816 B95518F6A5E5A1DFDFA28 F60533B1C850855EAA4263	
8	1	CN = Telia Domain Validation CA v2 O = Telia Finland Oyj C = FI	TeliaSonera Root CA v1	016584E34A38 D9E963EBEED 2174784	RSA	4096 bits	sha256RSA	29 August 2018	18 October 2032	ED3D749C2C53BB 71937B4B11F6B89 1E282F992DB	5B312B7E11B70D07C14E0A B99F08D00748966098C52A A85A06A0822BBE59A02C	

Subject: Independent Auditor's Report   WebTrust for CAs
Amstelveen, 28 June 2021

CA #	Cert #	Subject	Issuer	Serial	Key Algorithm	Key Size	Digest Algorithm	Not Before	Not After	SKI	SHA2 Fingerprint	Other information
9	1	CN = Telia Server CA v3 O = Telia Finland Oyj C = FI	Telia Root CA v2	01675FE78F10 F349257F16B3 731F7A	RSA	4096 bits	sha256RSA	29 November 2018	29 November 2043	46668D0E072316B 0EA4F05EB965AD EA5EEC97EA4	1281AD8FABE883F209E963 6448D1A80C373DAA7686C8 13A270FAD48F5F5E589A	
10	1	CN = TeliaSonera Class 1 CA v2 O = TeliaSonera C = FI	TeliaSonera Root CA v1	00FD41DD7FD 19F3EE9F85D 9E437133D4D B	RSA	4096 bits	sha256RSA	16 October 2014	16 October 2032	D147228FCBA85D 1AFE2641466ECB 824B657D8AE4	B95AE54F838E3ABF0B57A CCC1B1266DC68C7A3FA77 4015FA128D60CDD1AAE28 0	
11	1	CN = TeliaSonera Class 2 CA v2 O = TeliaSonera C = SE	TeliaSonera Root CA v1	637C0BD785A 5BF29DA602D 7C4D7A70B1	RSA	4096 bits	sha256RSA	16 October 2014	16 October 2032	9E19FFE50D3AFE 0097153F69F1DC5 A3CAA0C9483	092829433D231949F4A9BC 666CBF54B3AA27D7BEBCA 048D75E59093E15A72EA5	
12	1	CN = TeliaSonera Email CA v4 O = TeliaSonera C = SE	TeliaSonera Root CA v1	52EBA0D8B74 B46EB8557CD 6DA2A3DDDD	RSA	4096 bits	sha256RSA	16 October 2014	16 October 2032	89862A82D178FAF 0A629543587956F D3776019F0	D1F2656AC8382739A3B087 C47AB5CAB945A32F162B61 49C308783C7E06AF8AE8	
13	1	CN = Ericsson NL Individual CA v3 O = Ericsson C = SE	TeliaSonera Root CA v1	53B87E83E19 C992893B09B4 91CECB8EB	RSA	4096 bits	sha256RSA	27 October 2015	27 October 2025	1C7B199E979C76 AC203DD8DCE391 6AE3DB2DA653	63ED95B17FFDCB7AE30FE AC6A874653099264E21B26 8D836D957966F0B04BE43	
14	1	CN = Ericsson NL Individual CA v2 O = Ericsson	TeliaSonera Root CA v1	00A00CCBCC9 B9998ECE23A 70F47CC1C05 9	RSA	4096 bits	sha1RSA	27 May 2014	27 May 2024	B10DCAD446B7AF 8602C32F6F06CA 0E76717F4B37	24D06B967E70BC8CE21FF CAFD3EB5B69A4E2E2CBAF 36BB9CD64EABCDD1423C4 E	Revoked 28 September 2020

Subject: Independent Auditor's Report WebTrust for CAs
Amstelveen, 28 June 2021

CA #	Cert #	Subject	Issuer	Serial	Key Algorithm	Key Size	Digest Algorithm	Not Before	Not After	SKI	SHA2 Fingerprint	Other information
15	1	CN = Telia Document Signing CA v3 O = Telia Finland Oyj C = FI	Telia Root CA v2	016D1A4D949 51BA3294A0C 26D06250	RSA	4096 bits	sha256RS A	10 September 2019	29 November 2043	3617108E9E869F2 67FD57542FAD37 BC29059DE54	6924A4DD82948DA53F6FB9 33E895A0F6581C8DBDEBA BB36FC11CAC25E9C0335A	
16	1	CN = Telia Class 3 CA v1 O = Telia Company AB C = SE	Telia Root CA v2	0175bbb1dd52f 06c82a8585fb1 8d24	RSA	4096 bits	sha256RS A	12 November 2020	25 November 2043	19be618a5f34bfff9 187b75fded525630 90b50c4	E7340DC9475E87C4E5A457 2C82604C5EFF9BF60B231C 5486943173B26A4CAFCC	