

# Audit Attestation for

## Deutsche Telekom Security GmbH

**Reference: AA2023062101**

Essen, 2023-06-21

To whom it may concern,

This is to confirm that “TÜV Informationstechnik GmbH” has audited the CAs of “Deutsche Telekom Security GmbH” without open critical findings.

This present Audit Attestation Letter is registered under the unique identifier number “**AA2023062101**”, it covers multiple Root-CAs and consists of 17 pages.

Kindly find here below the details accordingly.

In case of any question, please contact:

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TÜV NORD GROUP  
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45307 Essen, Germany  
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Phone: +49 (0) 201 / 8999-9

With best regards,

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*Dr. Silke Keller*  
Reviewer

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*Matthias Wiedenhorst*  
Lead Auditor

**TÜV Informationstechnik GmbH – Member of TÜV NORD GROUP**

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SWIFT/BIC Code: DRES DEFF 360  
IBAN: DE47 3608 0080 0525 4851 00

Management Board  
Dirk Kretzschmar

This attestation is based on the template version 3.0 as of 2023-02-20, that was approved for use by ACAB-c

## General audit information

### Identification of the conformity assessment body (CAB) and assessment organization acting as ETSI auditor

- TÜV Informationstechnik GmbH<sup>1</sup>, Am TÜV 1, 45307 Essen, Germany registered under HRB 11687, Amtsgericht Essen, Germany
- Accredited by DAkkS under registration D-ZE-12022-01-01<sup>2</sup> for the certification of trust services according to "DIN EN ISO/IEC 17065:2013" and "ETSI EN 319 403 V2.2.2 (2015-08)".
- Insurance Carrier (BRG section 8.2):  
HDI Global SE
- Third-party affiliate audit firms involved in the audit:  
None

### Identification and qualification of the audit team

- Number of team members: 1 Lead Auditor, 1 Trainee Auditor
- Academic qualifications of team members:  
All team members have formal academic qualifications or professional training or extensive experience indicating general capability to carry out audits based on the knowledge given below and at least four years full time practical workplace experience in information technology, of which at least two years have been in a role or function relating to relevant trust services, public key infrastructure, information security including risk assessment/management, network security and physical security.
- Additional competences of team members:
- All team members have knowledge of
  - 1) audit principles, practices and techniques in the field of CA/TSP audits gained in a training course of at least five days;
  - 2) the issues related to various areas of trust services, public key infrastructure, information security including risk assessment/management, network security and physical security;
  - 3) the applicable standards, publicly available specifications and regulatory requirements for CA/TSPs and other relevant publicly available specifications including standards for IT product evaluation; and
  - 4) the Conformity Assessment Body's processes.Furthermore, all team members have language skills appropriate for all organizational levels within the CA/TSP organization; note-taking, report-writing, presentation, and interviewing skills; and relevant personal attributes: objective, mature, discerning, analytical, persistent and realistic.
- Professional training of team members:  
See "Additional competences of team members" above. Apart from that are all team members trained to demonstrate adequate competence in:
  - a) knowledge of the CA/TSP standards and other relevant publicly available specifications;
  - b) understanding functioning of trust services and information security including network security issues;
  - c) understanding of risk assessment and risk management from the business perspective;
  - d) technical knowledge of the activity to be audited;
  - e) general knowledge of regulatory requirements relevant to TSPs; and

<sup>1</sup> In the following termed shortly „TÜViT“

<sup>2</sup> <https://www.dakks.de/en/accredited-body.html?id=D-ZE-12022-01-01>

<p>f) knowledge of security policies and controls.</p> <ul style="list-style-type: none"> <li>Types of professional experience and practical audit experience: The CAB ensures, that its personnel performing audits maintains competence on the basis of appropriate education, training or experience; that all relevant experience is current and prior to assuming responsibility for performing as an auditor, the candidate has gained experience in the entire process of CA/TSP auditing. This experience shall have been gained by participating under supervision of lead auditors in a minimum of four TSP audits for a total of at least 20 days, including documentation review, on-site audit and audit reporting.</li> <li>Additional qualification and experience Lead Auditor: On top of what is required for team members (see above), the Lead Auditor             <ul style="list-style-type: none"> <li>a) has acted as auditor in at least three complete TSP audits;</li> <li>b) has adequate knowledge and attributes to manage the audit process; and</li> <li>c) has the competence to communicate effectively, both orally and in writing.</li> </ul> </li> <li>Special skills or qualifications employed throughout audit: None</li> <li>Special Credentials, Designations, or Certifications: All members are qualified and registered assessors within the accredited CAB</li> <li>Auditors code of conduct incl. independence statement: Code of Conduct as of Annex A, ETSI EN 319 403 or ETSI EN 319 403-1 respectively.</li> </ul>
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Identification and qualification of the reviewer performing audit quality management	
<ul style="list-style-type: none"> <li>Number of Reviewers/Audit Quality Managers involved independent from the audit team: 1 Reviewer</li> <li>The reviewer fulfils the requirements as described for the Audit Team Members above and has acted as an auditor in at least three complete CA/TSP audits.</li> </ul>	

Identification of the CA / Trust Service Provider (TSP):	Deutsche Telekom Security GmbH, Bonner Talweg 100, 53113 Bonn, Germany, registered under "HRB 15241" at Amtsgericht Bonn, Germany Postal address: Deutsche Telekom Security GmbH, Trust Center & ID Solutions, Untere Industriestr. 20, 57250 Netphen, Germany
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Type of audit:	<input type="checkbox"/> Point in time audit <input type="checkbox"/> Period of time, after x month of CA operation <input checked="" type="checkbox"/> Period of time, full audit
Audit period covered for all policies:	2022-04-08 to 2023-04-07
Point in time date:	none, as audit was a period of time audit
Audit dates:	2023 03 13 to 2023 03 16 (on-site) 2023 03 27 to 2023 03 30 (on-site) 2023-05-17 (remote)
Audit location:	57250 Netphen, Germany

## Root 1: T-TeleSec GlobalRoot Class 2

Standards considered:	European Standards: <input checked="" type="checkbox"/> ETSI EN 319 411-1 V1.3.1 (2021-05) <input checked="" type="checkbox"/> ETSI EN 319 401 V2.4.1 (2021-11)  CA Browser Forum Requirements: <input checked="" type="checkbox"/> Baseline Requirements, version 1.8.6  For the Trust Service Provider Conformity Assessment: <input checked="" type="checkbox"/> ETSI EN 319 403 V2.2.2 (2015-08) <input checked="" type="checkbox"/> ETSI TS 119 403-2 V1.2.4 (2020-11)
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The audit was based on the following policy and practice statement documents of the CA / TSP:

1. Trust Center Certificate Policy, Version 3.0 as of 2023-01-24, Deutsche Telekom Security GmbH
2. Certification Practice Statement Public, Version 5.0 as of 2023-06-21, Deutsche Telekom Security GmbH

In the following areas, non-conformities have been identified throughout the audit:

Finding with regard to ETSI EN 319 411-1:

6.2.2 Initial Identity Validation

Documentation and implementation initial identity validation shall be improved. [REQ-6.2.2-15 a)]

Please refer to Bug 1825780 below.

All non-conformities have been closed before the issuance of this attestation.

This Audit Attestation also covers the following incidents as described in the following.

- Bug 1825780: Telekom Security: Improper use of a domain validation method;  
[https://bugzilla.mozilla.org/show\\_bug.cgi?id=1825780](https://bugzilla.mozilla.org/show_bug.cgi?id=1825780)

The remediation measures taken by Deutsche Telekom Security GmbH as described on Bugzilla (see link above) have been checked by the auditors and properly addressed the incident.

Distinguished Name	SHA-256 fingerprint	Applied policy and OID
C=DE, O=T-Systems Enterprise Services GmbH, OU=T-Systems Trust Center, CN=T-TeleSec GlobalRoot Class 2	91E2F5788D5810EBA7BA58737DE1548A8ECACD014598BC0B143E041B17052552	ETSI EN 319 411-1 V1.3.1, LCP ETSI EN 319 411-1 V1.3.1, NCP ETSI EN 319 411-1 V1.3.1, DVCP ETSI EN 319 411-1 V1.3.1, OVCP

**Table 1: Root-CA in scope of the audit**

The TSP named the Sub-CAs that have been issued by the aforementioned Root-CA, that are listed in the following table and that have been covered in this audit.

Distinguished Name	SHA-256 fingerprint	Applied policy and OID	EKU
C=DE, O=T-Systems International GmbH, OU=T-Systems Trust Center, ST=Nordrhein Westfalen, PostalCode=57250, L=Netphen, STREET=Untere Industriestr. 20, CN=TeleSec ServerPass Class 2 CA	AC1EC556318E3EA70F8F04E03A0F2633BFE73992359A810145FFDF1A427396EE	ETSI EN 319 411-1 V1.3.1, OVCP	not defined
C=DE, O=Deutsche Telekom Security GmbH, CN=Telekom Security OV RSA CA 22	D5D9445EEAA5576081DDF2E6C0904091BBC79BA10915E5215C8A2A7D87915FFD	ETSI EN 319 411-1 V1.3.1, OVCP	id-kp-clientAuth (1.3.6.1.5.5.7.3.2) id-kp-serverAuth (1.3.6.1.5.5.7.3.1)
C=DE, O=Deutsche Telekom Security GmbH, CN=Telekom Security ServerID OV Class 2 CA	944ACE961DB316BEB694E01C302C46FED40DC0291729E7DAF58550C3CB55E791	ETSI EN 319 411-1 V1.3.1, OVCP	id-kp-clientAuth (1.3.6.1.5.5.7.3.2) id-kp-serverAuth (1.3.6.1.5.5.7.3.1)
C=DE, O=Deutsche Telekom AG, CN=Deutsche Telekom AG secure email CA E03	38CBC81860C904BDF18046CD0FB7754E44D569398DD14FBF09F72AA20FC35CCF	ETSI EN 319 411-1 V1.3.1, LCP	id-kp-emailProtection (1.3.6.1.5.5.7.3.4) 5 (1.3.6.1.4.1.311.21.5)

C=DE, O=T-Systems International GmbH, OU=T-Systems Trust Center, CN=TeleSec Business CA 1	44EBF0123E27FF1DB0497BD2DAE18155B2A414E6BCD9C6C8FB8F48398449B9E9	ETSI EN 319 411-1 V1.3.1, NCP ETSI EN 319 411-1 V1.3.1, OVCP	not defined
C=DE, O=Deutsche Telekom Security GmbH, CN=TeleSec Business CA 21	06B58F124B45E9417708F60CDDAEB6F39B72206FE4BD40EE2E20E628DDFDD33D	ETSI EN 319 411-1 V1.3.1, NCP	id-kp-clientAuth (1.3.6.1.5.5.7.3.2) id-kp-emailProtection (1.3.6.1.5.5.7.3.4)
C=DE, O=Deutsche Telekom Security GmbH, CN=TeleSec Business TLS-CA 21	F00E616B59ED06E6CC9717D039F7A1A70CB3D08E0B6AD74653670CCE448C61F3	ETSI EN 319 411-1 V1.3.1, OVCP	id-kp-serverAuth (1.3.6.1.5.5.7.3.1)
C=DE, O=Deutsche Telekom Security GmbH, CN=TeleSec Business TLS-CA 2022	A3F2A10A366AFF774CBB4E6EC4C8A8EF707C03E932B4C46E5078767AACF1ED60	ETSI EN 319 411-1 V1.3.1, OVCP	id-kp-clientAuth (1.3.6.1.5.5.7.3.2) id-kp-serverAuth (1.3.6.1.5.5.7.3.1)
C=DE, O=Deutsche Telekom Security GmbH, CN=Telekom Security DV RSA CA 21	956FF9CC914874D9CAF9655BCCB696C1BE49A25BF928D5C41C0F5395A135D8B8	ETSI EN 319 411-1 V1.3.1, DVCP	id-kp-serverAuth (1.3.6.1.5.5.7.3.1)
C=DE, O=Deutsche Telekom Security GmbH, CN=Telekom Security DV RSA CA 22	938E52642501DD16E23D8AEBFB97EB3C3B2562F50C324144C390946B29684A7E	ETSI EN 319 411-1 V1.3.1, DVCP	id-kp-clientAuth (1.3.6.1.5.5.7.3.2) id-kp-serverAuth (1.3.6.1.5.5.7.3.1)

**Table 2: Sub-CA's issued by the Root-CA or its Sub-CA's in scope of the audit**

## Root 2: T-TeleSec GlobalRoot Class 3

Standards considered:	<p>European Standards:</p> <ul style="list-style-type: none"><li><input checked="" type="checkbox"/> ETSI EN 319 411-2 V2.3.1 (2021-05)</li><li><input checked="" type="checkbox"/> ETSI EN 319 411-1 V1.3.1 (2021-05)</li><li><input checked="" type="checkbox"/> ETSI EN 319 401 V2.4.1 (2021-11)</li></ul> <p>CA Browser Forum Requirements:</p> <ul style="list-style-type: none"><li><input checked="" type="checkbox"/> EV SSL Certificate Guidelines, version 1.8.0</li><li><input checked="" type="checkbox"/> Baseline Requirements, version 1.8.6</li></ul> <p>For the Trust Service Provider Conformity Assessment:</p> <ul style="list-style-type: none"><li><input checked="" type="checkbox"/> ETSI EN 319 403 V2.2.2 (2015-08)</li><li><input checked="" type="checkbox"/> ETSI TS 119 403-2 V1.2.4 (2020-11)</li></ul>
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The audit was based on the following policy and practice statement documents of the CA / TSP:

1. Trust Center Certificate Policy, Version 3.0 as of 2023-01-24, Deutsche Telekom Security GmbH
2. Certification Practice Statement Public, Version 5.0 as of 2023-06-21, Deutsche Telekom Security GmbH

In the following areas, non-conformities have been identified throughout the audit:

Finding with regard to ETSI EN 319 411-1:

6.2.2 Initial Identity Validation

Documentation and implementation initial identity validation shall be improved. [REQ-6.2.2-15 a)]

Please refer to Bug 1825780 below.

All non-conformities have been closed before the issuance of this attestation.

This Audit Attestation also covers the following incidents as described in the following.

- Bug 1825780: Telekom Security: Improper use of a domain validation method;  
[https://bugzilla.mozilla.org/show\\_bug.cgi?id=1825780](https://bugzilla.mozilla.org/show_bug.cgi?id=1825780)

The remediation measures taken by Deutsche Telekom Security GmbH as described on Bugzilla (see link above) have been checked by the auditors and properly addressed the incident.

Distinguished Name	SHA-256 fingerprint	Applied policy and OID
C=DE, O=T-Systems Enterprise Services GmbH, OU=T-Systems Trust Center, CN=T-TeleSec GlobalRoot Class 3	FD73DAD31C644FF1B43BEF0CCDDA96710B9CD9875ECA7E31707AF3E96D522BBD	ETSI EN 319 411-1 V1.3.1, EVCP ETSI EN 319 411-2 V2.4.1, QEVCP-w

**Table 3: Root-CA in scope of the audit**

The TSP named the Sub-CAs that have been issued by the aforementioned Root-CA, that are listed in the following table and that have been covered in this audit.

Distinguished Name	SHA-256 fingerprint	Applied policy and OID	EKU
C=DE, O=T-Systems International GmbH, OU=T-Systems Trust Center, ST=Nordrhein Westfalen, PostalCode=57250, L=Netphen, STREET=Untere Industriestr. 20, CN=TeleSec ServerPass Extended Validation Class 3 CA	8A0ADDAE4F2CF9D2C24D7A49EED5C86C8B1DF1C85BA73DE5C477CB14FA0D13E9	ETSI EN 319 411-1 V1.3.1, EVCP ETSI EN 319 411-2 V2.4.1, QEVCP-w	not defined
C=DE, O=Deutsche Telekom Security GmbH, CN=Telekom Security ServerID EV Class 3 CA	5092CE0E3F70F2FD9561C34623B546F7D333EF1B633C147D1290E28DE986A230	ETSI EN 319 411-1 V1.3.1, EVCP ETSI EN 319 411-2 V2.4.1, QEVCP-w	id-kp-clientAuth (1.3.6.1.5.5.7.3.2) id-kp-serverAuth (1.3.6.1.5.5.7.3.1)
C=DE, O=Deutsche Telekom Security GmbH, CN=Telekom Security EV RSA CA 22	86DB1D597419BC0FDDDF2A6129DE46AF537752683A49CB9435C855F53637CFE13	ETSI EN 319 411-1 V1.3.1, EVCP ETSI EN 319 411-2 V2.4.1, QEVCP-w	id-kp-clientAuth (1.3.6.1.5.5.7.3.2) id-kp-serverAuth (1.3.6.1.5.5.7.3.1)

**Table 4: Sub-CA's issued by the Root-CA or its Sub-CA's in scope of the audit**



### Root 3: Telekom Security TLS ECC Root 2020

Standards considered:	<p>European Standards:</p> <ul style="list-style-type: none"><li><input checked="" type="checkbox"/> ETSI EN 319 411-2, V2.4.1 (2021-11)</li><li><input checked="" type="checkbox"/> ETSI EN 319 411-1 V1.3.1 (2021-05)</li><li><input checked="" type="checkbox"/> ETSI EN 319 401 V2.4.1 (2021-11)</li></ul> <p>CA Browser Forum Requirements:</p> <ul style="list-style-type: none"><li><input checked="" type="checkbox"/> EV SSL Certificate Guidelines, version 1.8.0</li><li><input checked="" type="checkbox"/> Baseline Requirements, version 1.8.6</li></ul> <p>For the Trust Service Provider Conformity Assessment:</p> <ul style="list-style-type: none"><li><input checked="" type="checkbox"/> ETSI EN 319 403 V2.2.2 (2015-08)</li><li><input checked="" type="checkbox"/> ETSI TS 119 403-2 V1.2.4 (2020-11)</li></ul>
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The audit was based on the following policy and practice statement documents of the CA / TSP:

1. Trust Center Certificate Policy, Version 3.0 as of 2023-01-24, Deutsche Telekom Security GmbH
2. Certification Practice Statement Public, Version 5.0 as of 2023-06-21, Deutsche Telekom Security GmbH

No non-conformities have been identified during the audit.

To the best of our knowledge, no incidents have occurred within this Root-CA's hierarchy during the audited period.

Distinguished Name	SHA-256 fingerprint	Applied policy and OID
C=DE, O=Deutsche Telekom Security GmbH, CN=Telekom Security TLS ECC Root 2020	578AF4DED0853F4E5998DB4AEAF9CBEA8D945F60B620A38D1A3C13B2BC7BA8E1	ETSI EN 319 411-1 V.1.3.1, DVCP ETSI EN 319 411-1 V.1.3.1, IVCP ETSI EN 319 411-1 V.1.3.1, OVCP ETSI EN 319 411-1 V.1.3.1, EVCP ETSI EN 319 411-2 V2.4.1, QNCP-w ETSI EN 319 411-2 V2.4.1, QEVCP-w (Only with regard to key protection requirements)

**Table 5: Root-CA in scope of the audit**

The TSP named the Sub-CAs that have been issued by the aforementioned Root-CA, that are listed in the following table and that have been covered in this audit.

Distinguished Name	SHA-256 fingerprint	Applied policy and OID	EKU
C=DE, O=Deutsche Telekom Security GmbH, CN=Telekom Security EV ECC CA 21	D7A8A9947C31806C1B4625F82FCBCCA7CC2090E58DB215B8E4D88BA9C60D3166	ETSI EN 319 411-1 V.1.3.1, EVCP ETSI EN 319 411-2 V2.4.1, QEVCP-w (Only with regard to key protection requirements, not yet activated for issuing)	id-kp-serverAuth (1.3.6.1.5.5.7.3.1)

**Table 6: Sub-CA's issued by the Root-CA or its Sub-CA's in scope of the audit**

## Root 4: Telekom Security SMIME ECC Root 2021

Standards considered:	<p>European Standards:</p> <ul style="list-style-type: none"><li><input checked="" type="checkbox"/> ETSI EN 319 411-1 V1.3.1 (2021-05)</li><li><input checked="" type="checkbox"/> ETSI EN 319 401 V2.4.1 (2021-11)</li></ul> <p>CA Browser Forum Requirements:</p> <ul style="list-style-type: none"><li><input checked="" type="checkbox"/> Baseline Requirements, version 1.8.6</li></ul> <p>For the Trust Service Provider Conformity Assessment:</p> <ul style="list-style-type: none"><li><input checked="" type="checkbox"/> ETSI EN 319 403 V2.2.2 (2015-08)</li><li><input checked="" type="checkbox"/> ETSI TS 119 403-2 V1.2.4 (2020-11)</li></ul>
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The audit was based on the following policy and practice statement documents of the CA / TSP:

1. Trust Center Certificate Policy, Version 3.0 as of 2023-01-24, Deutsche Telekom Security GmbH
2. Certification Practice Statement Public, Version 5.0 as of 2023-06-21, Deutsche Telekom Security GmbH

No non-conformities have been identified during the audit.

To the best of our knowledge, no incidents have occurred within this Root-CA's hierarchy during the audited period.

Distinguished Name	SHA-256 fingerprint	Applied policy and OID
C=DE, O=Deutsche Telekom Security GmbH, CN=Telekom Security SMIME ECC Root 2021	3AE6DF7E0D637A65A8C81612EC6F9A142F85A16834C10280D88E707028518755	ETSI EN 319 411-1 V.1.3.1, LCP ETSI EN 319 411-1 V.1.3.1, NCP ETSI EN 319 411-1 V.1.3.1, NCP+ (Only with regard to key protection requirements)

**Table 7: Root-CA in scope of the audit**

The TSP named the Sub-CAs that have been issued by the aforementioned Root-CA, that are listed in the following table and that have been covered in this audit.

Distinguished Name	SHA-256 fingerprint	Applied policy and OID	EKU
C=DE, O=Deutsche Telekom Security GmbH, CN=Telekom Security SMIME ECC CA 23	EA45DD36FD0CA91706080F68F7213D55E658249A20C81AFDD34E80CC5EC3E349	ETSI EN 319 411-1 V.1.3.1, LCP ETSI EN 319 411-1 V.1.3.1, NCP ETSI EN 319 411-1 V.1.3.1, NCP+ (Only with regard to key protection requirements)	id-kp-clientAuth (1.3.6.1.5.5.7.3.2) id-kp-emailProtection (1.3.6.1.5.5.7.3.4)

**Table 8: Sub-CA's issued by the Root-CA or its Sub-CA's in scope of the audit**

## Root 5: Telekom Security SMIME RSA Root 2023

Standards considered:	<p>European Standards:</p> <ul style="list-style-type: none"><li><input checked="" type="checkbox"/> ETSI EN 319 411-1 V1.3.1 (2021-05)</li><li><input checked="" type="checkbox"/> ETSI EN 319 401 V2.4.1 (2021-11)</li></ul> <p>CA Browser Forum Requirements:</p> <ul style="list-style-type: none"><li><input checked="" type="checkbox"/> Baseline Requirements, version 1.8.6</li></ul> <p>For the Trust Service Provider Conformity Assessment:</p> <ul style="list-style-type: none"><li><input checked="" type="checkbox"/> ETSI EN 319 403 V2.2.2 (2015-08)</li><li><input checked="" type="checkbox"/> ETSI TS 119 403-2 V1.2.4 (2020-11)</li></ul>
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The audit was based on the following policy and practice statement documents of the CA / TSP:

1. Trust Center Certificate Policy, Version 3.0 as of 2023-01-24, Deutsche Telekom Security GmbH
2. Certification Practice Statement Public, Version 5.0 as of 2023-06-21, Deutsche Telekom Security GmbH

No non-conformities have been identified during the audit.

To the best of our knowledge, no incidents have occurred within this Root-CA's hierarchy during the audited period.

Distinguished Name	SHA-256 fingerprint	Applied policy and OID
C=DE, O=Deutsche Telekom Security GmbH, CN=Telekom Security SMIME RSA Root 2023	78A656344F947E9CC0F734D9053D32F6742086B6B9CD2CAE4FAE1A2E4EFDE048	ETSI EN 319 411-1 V.1.3.1, LCP ETSI EN 319 411-1 V.1.3.1, NCP ETSI EN 319 411-1 V.1.3.1, NCP+ (Only with regard to key protection requirements)

**Table 9: Root-CA in scope of the audit**

The TSP named the Sub-CAs that have been issued by the aforementioned Root-CA, that are listed in the following table and that have been covered in this audit.

Distinguished Name	SHA-256 fingerprint	Applied policy and OID	EKU
C=DE, O=Deutsche Telekom Security GmbH, CN=Telekom Security SMIME RSA CA 23	EB48699C89C702DAC2C05F483396489BBBF71AA0ACAC0F52596A5DE97CEBD913	ETSI EN 319 411-1 V.1.3.1, LCP ETSI EN 319 411-1 V.1.3.1, NCP ETSI EN 319 411-1 V.1.3.1, NCP+ (Only with regard to key protection requirements)	id-kp-clientAuth (1.3.6.1.5.5.7.3.2) id-kp-emailProtection (1.3.6.1.5.5.7.3.4)

**Table 10: Sub-CA's issued by the Root-CA or its Sub-CA's in scope of the audit**

## Root 6: Telekom Security TLS RSA Root 2023

Standards considered:	<p>European Standards:</p> <ul style="list-style-type: none"><li><input checked="" type="checkbox"/> ETSI EN 319 411-2 V2.3.1 (2021-05)</li><li><input checked="" type="checkbox"/> ETSI EN 319 411-1 V1.3.1 (2021-05)</li><li><input checked="" type="checkbox"/> ETSI EN 319 401 V2.4.1 (2021-11)</li></ul> <p>CA Browser Forum Requirements:</p> <ul style="list-style-type: none"><li><input checked="" type="checkbox"/> EV SSL Certificate Guidelines, version 1.8.0</li><li><input checked="" type="checkbox"/> Baseline Requirements, version 1.8.6</li></ul> <p>For the Trust Service Provider Conformity Assessment:</p> <ul style="list-style-type: none"><li><input checked="" type="checkbox"/> ETSI EN 319 403 V2.2.2 (2015-08)</li><li><input checked="" type="checkbox"/> ETSI TS 119 403-2 V1.2.4 (2020-11)</li></ul>
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The audit was based on the following policy and practice statement documents of the CA / TSP:

1. Trust Center Certificate Policy, Version 3.0 as of 2023-01-24, Deutsche Telekom Security GmbH
2. Certification Practice Statement Public, Version 5.0 as of 2023-06-21, Deutsche Telekom Security GmbH

No non-conformities have been identified during the audit.

To the best of our knowledge, no incidents have occurred within this Root-CA's hierarchy during the audited period.

Distinguished Name	SHA-256 fingerprint	Applied policy and OID
C=DE, O=Deutsche Telekom Security GmbH, CN=Telekom Security TLS RSA Root 2023	EFC65CADBB59ADB6EFE84DA22311B35624B71B3B1EA0DA8B6655174EC8978646	ETSI EN 319 411-1 V.1.3.1, DVCP ETSI EN 319 411-1 V.1.3.1, IVCP ETSI EN 319 411-1 V.1.3.1, OVCP ETSI EN 319 411-1 V.1.3.1, EVCP ETSI EN 319 411-2 V2.4.1, QNCP-w ETSI EN 319 411-2 V2.4.1, QEVCP-w (Only with regard to key protection requirements)

**Table 11: Root-CA in scope of the audit**

The TSP named the Sub-CAs that have been issued by the aforementioned Root-CA, that are listed in the following table and that have been covered in this audit.

Distinguished Name	SHA-256 fingerprint	Applied policy and OID	EKU
C=DE, O=Deutsche Telekom Security GmbH, CN=Telekom Security EV RSA CA 23	9A6FC4AB4DB1EA6F6663507EDC1D008F091AE88FAB6F3AE56A84A4090529EF58	ETSI EN 319 411-2 V2.3.1, QEVCP-w ETSI EN 319 411-1 V1.3.1, EVCP (Only with regard to key protection requirements, not yet activated for issuing)	id-kp-clientAuth (1.3.6.1.5.5.7.3.2) id-kp-serverAuth (1.3.6.1.5.5.7.3.1)

**Table 12: Sub-CA's issued by the Root-CA or its Sub-CA's in scope of the audit**



### Modifications record

Version	Issuing Date	Changes
Version 1	2023-06-21	Initial attestation

**End of the audit attestation letter.**