

TLS BR Audit Attestation for Digi- ja väestötietovirasto (DVV)

Reference: DSC.1520

“Bremen, 2024-09-30”

To whom it may concern,

This is to confirm that “datenschutz cert GmbH” has audited the CAs of the “Digi- ja väestötietovirasto (DVV)” without critical findings.

This present Audit Attestation Letter is registered under the unique identifier number “DSC.1520” covers multiple Root-CAs and consists of 17 pages.

Kindly find here below the details accordingly.

In case of any question, please contact:

datenschutz cert GmbH
Konsul-Smidt-Str. 88a
28217 Bremen, Germany
E-Mail: office@datenschutz-cert.de
Phone: +49 421 69 66 32 550

With best regards,



Dr. Sönke Maseberg
Lead Auditor



Dr. Irene Karper
Reviewer

General audit information

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

- datenschutz cert GmbH, Konsul-Smidt-Str. 88a, 28217 Bremen, Germany, registered under HRB 26787 HB at Amtsgericht Bremen
- Accredited by Deutsche Akkreditierungsstelle GmbH under registration <https://www.dakks.de/files/data/as/pdf/D-ZE-16077-01-00.pdf>¹ for the certification of trust services according to "DIN EN ISO/IEC 17065:2013" and "ETSI EN 319 403 V2.2.2 (2015-08)" / "ETSI EN 319 403-1 V2.3.1 (2020-06)".
- Insurance Carrier (BRG section 8.2): ERGO Versicherung AG
- Third-party affiliate audit firms involved in the audit: None.

Identification and qualification of the audit team

- Number of team members: 3
- 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;

¹ URL to the accreditation certificate hosted by the national accreditation body

<p>e) general knowledge of regulatory requirements relevant to TSPs; and f) knowledge of security policies and controls.</p> <ul style="list-style-type: none"> 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. 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"> a) has acted as auditor in at least three complete TSP audits; b) has adequate knowledge and attributes to manage the audit process; and c) has the competence to communicate effectively, both orally and in writing. Special skills or qualifications employed throughout audit: None. Special Credentials, Designations, or Certifications: All members are qualified and registered assessors within the accredited CAB. 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.

Identification and qualification of the reviewer performing audit quality management

<ul style="list-style-type: none"> Number of Reviewers/Audit Quality Managers involved independent from the audit team: 1 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.

Identification of the CA / Trust Service Provider (TSP):	Digi- ja väestötietovirasto (DVV), Lintulahdenkuja 2, 00530 Helsinki, Finland, registered under 0245437-2
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Type of audit:	<input type="checkbox"/> Point in time audit <input type="checkbox"/> Period of time, after n month of CA operation <input checked="" type="checkbox"/> Period of time, full audit
Audit period covered for all policies:	2023-07-11 to 2024-07-10
Point in time date:	none, as audit was a period of time audit
Audit dates:	2024-05-22 to 2024-05-2023 (on site) 2024-02-14 (on site) 2024-08-01 to 2024-08-02 (on site)
Audit location:	Helsinki, Finland

Root 1: VRK Gov. Root CA – G2

Standards considered:	European Standards: <ul style="list-style-type: none">• ETSI EN 319 411-2 V2.4.1 (2021-11)• ETSI EN 319 411-1 V1.3.1 (2021-05)• ETSI EN 319 401 V2.3.1 (2021-05) For the Trust Service Provider Conformity Assessment: <ul style="list-style-type: none">• ETSI EN 319 403 V2.2.2 (2015-08)• ETSI EN 319 403-1 V2.3.1 (2020-06)• 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:

- Digi- ja väestötietovirasto., Certificate Policy for Population Register Centre's citizen certificate, v1.7, 15.09.2023 (OID: 1.2.246.517.1.10.202)
- Digi- ja väestötietovirasto., Certificate Policy for Digital and Population Data Services Agency's citizen certificate, v1.4, 15.09.2023 (OID: 1.2.246.517.1.10.302, 1.2.246.517.1.10.352)
- Digi- ja väestötietovirasto., Varmennepolitiikka (CP) for Population Register Centre's organisation certificate, v1.6, 15.12.2023 (OID: 1.2.246.517.1.10.203)
- Digi- ja väestötietovirasto., Certificate Policy for Digital and Population Data Services Agency's organisation certificate, v1.4, 15.12.2023 (OID: 1.2.246.517.1.10.303 OID: 1.2.246.517.1.10.353)
- Digi- ja väestötietovirasto., Certificate Policy for the Population Register Centre's service certificates, v1.6, 15.09.2023 (OID: 1.2.246.517.1.10.205)
- Digi- ja väestötietovirasto., Certificate Policy for Digital and Population Data Services Agency's Service Certificate, Service Certificate For The Social Welfare And Healthcare Sector and seal certificate, v1.4, 08.01.2024 (OID: 1.2.246.517.1.10.305, 1.2.246.517.1.10.355, OID: 1.2.246.517.1.10.308, 1.2.246.517.1.10.358)
- Digi- ja väestötietovirasto, Certificate Policy for Temporary Certificate, v1.5, 15.09.2023 (OID: 1.2.246.517.1.10.304, 1.2.246.517.1.10.354)
- Digi- ja väestötietovirasto., Certificate Policy for social welfare and health care professionals' certificate, v1.5, 15.09.2023 (OID: 1.2.246.517.1.10.206)
- Digi- ja väestötietovirasto., Certificate Policy for social welfare and health care professionals' certificate, v1.3, 15.09.2023 (OID: 1.2.246.517.1.10.306, 1.2.246.517.1.10.356)
- Digi- ja väestötietovirasto., Certificate Policy for Population Register Centre's service certificate for the social welfare and healthcare sector, v1.6, 15.09.2023 (OID: 1.2.246.517.1.10.208)
- Digi- ja väestötietovirasto, Certificate Policy for the temporary certificate of social welfare and healthcare professionals, v1.3, 15.09.2023 (OID: 1.2.246.517.1.10.307, 1.2.246.517.1.10.357)

- Digi- ja väestötietovirasto., Certification Practice Statement for Population Register Centre's citizen certificate stored on an ID card, v. 1.5, 15.09.2023 (OID: 1.2.246.517.1.10.202.1)
- Digi- ja väestötietovirasto., Certification Practice Statement for Digital and Population Data Services Agency's citizen certificate stored on an ID card, v. 1.3, 15.09.2023 (OID: 1.2.246.517.1.10.302.1, 1.2.246.517.1.10.352.1)
- Digi- ja väestötietovirasto., Certification Practice Statement for organisation certificates, v1.6, 15.12.2023 (OID: 1.2.246.517.1.10.203.1)
- Digi- ja väestötietovirasto., Varmennuskäytäntö (CPS) for organisation certificates, certificate distribution under agreement, v1.8, 15.12.2023 (OID: 1.2.246.517.1.10.203.2)
- Digi- ja väestötietovirasto., Varmennuskäytäntö (CPS) for non-regulated healthcare worker's certificate, v1.5, 15.12.2023 (OID 1.2.246.517.1.10.203.3)
- Digi- ja väestötietovirasto., Varmennuskäytäntö (CPS) for service provider person's certificate, v1.6, 15.12.2023 (OID 1.2.246.517.1.10.203.4)
- Digi- ja väestötietovirasto., Certification Practice Statement for Digital and Population Data Services Agency's organisation certificates, v1.4, 15.12.2023 (OID: 1.2.246.517.1.10.303.1, 1.2.246.517.1.10.353.1)
- Digi- ja väestötietovirasto., Certification Practice Statement for Digital and Population Data Services Agency's organisation certificates, certificate distribution under agreement, v1.4, 15.12.2023 (OID: 1.2.246.517.1.10.303.2, 1.2.246.517.1.10.353.2)
- Digi- ja väestötietovirasto., Certification Practice Statement for Digital and Population Data Services Agency's non-regulated healthcare worker's certificate, v1.4, 15.12.2023 (OID 1.2.246.517.1.10.303.3, 1.2.246.517.1.10.353.3)
- Digi- ja väestötietovirasto., Certification Practice Statement for Digital and Population Data Services Agency's service provider person's certificate, v1.4, 15.12.2023 (OID 1.2.246.517.1.10.303.4, 1.2.246.517.1.10.353.4)
- Digi- ja väestötietovirasto., Certification Practice Statement for Temporary Certificate, v1.5, 15.09.2023 (OID: 1.2.246.517.1.10.304.1, 1.2.246.517.1.10.354.1)
- Digi- ja väestötietovirasto., Varmennuskäytäntö (CPS) for social welfare and health care professionals' certificate, v1.4, 15.09.2023 (OID: 1.2.246.517.1.10.206.1)
- Digi- ja väestötietovirasto., Varmennuskäytäntö (CPS) for social welfare and health care professionals' certificate, v1.2, 15.09.2023 (OID: 1.2.246.517.1.10.306.1, 1.2.246.517.1.10.356.1)
- Digi- ja väestötietovirasto., Certification Practice Statement for the temporary certificate of social welfare and healthcare professionals, v1.3, 15.09.2023 (OID: 1.2.246.517.1.10.307.1, 1.2.246.517.1.10.357.1)
- Digi- ja väestötietovirasto., Certification Practice Statement for Population Register Centre's server certificates, v. 1.6, 15.09.2023 (OID: 1.2.246.517.1.10.205.1)

- Digi- ja väestötietovirasto., Certification Practice Statement for Population Register Centre's server certificate for e-service use, v. 1.6, 15.09.2023 (OID: 1.2.246.517.1.10.205.2)
- Digi- ja väestötietovirasto., Certification Practice Statement for Population Register Centre's wellbeing application services server certificates, v. 1.6, 15.09.2023 (OID: 1.2.246.517.1.10.205.4)
- Digi- ja väestötietovirasto., Certification Practice Statement for Service Certificate, Service Certificate For The Social Welfare And Healthcare Sector and seal certificate, v. 1.5, 31.01.2024 (OID: 1.2.246.517.1.10.308.1, 1.2.246.517.1.10.358.1, 1.2.246.517.1.10.305.1, 1.2.246.517.1.10.305.2, 1.2.246.517.1.10.305.3, 1.2.246.517.1.10.305.5, 1.2.246.517.1.10.355.1, 1.2.246.517.1.10.355.2, 1.2.246.517.1.10.355.5, 1.2.246.517.1.10.308.2, 1.2.246.517.1.10.358.2, 1.2.246.517.1.10.305.4, 1.2.246.517.1.10.355.4)
- Digi- ja väestötietovirasto., Certification Practice Statement for PRC server certificates for the social welfare and healthcare sector, v. 1.6, 15.09.2023 (OID: 1.2.246.517.1.10.208.1)
- Digi- ja väestötietovirasto., Certification Practice Statement for PRC server certificates for service use in the social welfare and healthcare sector, v. 1.5, 15.09.2023 (OID: 1.2.246.517.1.10.208.2)
- Digi- ja väestötietovirasto., PKI Disclosure Statement, Population Register Centre's citizen certificate, v. 1.6, 15.09.2023
- Digi- ja väestötietovirasto., PKI Disclosure Statement, Digital and Population Data Services Agency's citizen certificate, v. 1.4, 15.09.2023
- Digi- ja väestötietovirasto., PKI Disclosure Statement, Population Register Centre's organisation certificate, v. 1.5, 15.09.2023
- Digi- ja väestötietovirasto., PKI Disclosure Statement, Digital and Population Data Services Agency's organisation certificate, v. 1.3, 15.09.2023
- Digi- ja väestötietovirasto., PKI Disclosure Statement, Temporary certificate of the Digital and Population Data Services Agency, v. 1.5, 15.09.2023
- Digi- ja väestötietovirasto., PKI Disclosure Statement for social welfare and health care professionals' certificate, v1.3, 15.09.2023
- Digi- ja väestötietovirasto., PKI Disclosure Statement for social welfare and health care professionals' certificate, v1.5, 15.09.2023
- Digi- ja väestötietovirasto., PKI Disclosure Statement, The Digital and Population Data Services Agency's temporary certificate for social welfare and healthcare professionals, v.1.3, 15.09.2023
- Digi- ja väestötietovirasto., PKI Disclosure Statement for the Digital and Population Data Services Agency's Service certificates, v1.6, 15.09.2023

Audit Attestation "DSC.1520", issued to "Digi- ja väestötietovirasto (DVV)"

- Digi- ja väestötietovirasto., PKI Disclosure Statement for Digital and Population Data Services Agency's Service Certificate for the Social Welfare and Healthcare Sector, v1.6, 15.09.2023
- Digi- ja väestötietovirasto., PKI Disclosure Statement for the Population Register Centre's Service Certificate, Service Certificate For The Social Welfare And Healthcare Sector and seal certificate, v1.4, 08.01.2024

Findings with regard to ETSI EN 319 401:

6 Policies and practices

- Validation service is not integrated in the Register of processing activities according to Art. 30 GDPR.
- Not clear if a PIA (Privacy Impact Assessment) was conducted. From auditor's perspective there should be a PIA.
- The Terms and Conditions do not reflect the transmission of data from user's site to DVV in case of personal data according to GDPR. According to GDPR there shall be a clear basis for the transmission (see Art. 6 (1) GDPR).
- Policy OIDs for the qualified and non-qualified time-stamping service have the same values.
- The Certificate Policy for the Qualified time-stamping service is not consistent:
 - There should be a clear policy/practice statement for the service, not the certificate.
 - References to time sources are not current.
 - No consistent obligations of subscribers are defined.
- Qualified validation service description is not detailed enough: The terms and conditions or the referred SVS policy shall document how the service will handle the validation of signatures with expired or obsolete elements (e.g. expired certificates or timestamps, revoked certificates, usage period of cryptographic algorithms exceeded. (see OVR-6.2-09).
- For validation service there should be links to Terms and Conditions and Service Policy from the services web page.

5 Risk Assessment

- Risk assessment does not include service specific risks (e.g. risks related to timesources for time-stamping service, risks related to validation of signed closed source files for validation service).

7.5 Cryptographic controls

- SHA1 is not state-of-the-art. There is a process to eliminate SHA1 out of the configuration.

7.11 Business continuity management

- Time-stamping service and validation service should be considered in the recovery plan in more details.

Findings with regard to ETSI EN 319 411-1:

None.

Audit Attestation "DSC.1520", issued to "Digi- ja väestötietovirasto (DVV)"

Findings with regard to ETSI EN 319 411-2:

None.

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

Distinguished Name	SHA-256 fingerprint	Applied policy
Complete subject DN: CN = VRK Gov. Root CA - G2, OU = Varmennepalvelut, OU = Certification Authority Services, O = Vaestorekisterikeskus CA, C = FI	SHA-256 fingerprint of the certificate: 34FF2A4409DC1383E9F8966E8ADFE5719EBA373FD0AD5E2F49F90EE07CF5D4C1	ETSI EN policy that this Root has been assessed against: ETSI EN 319 411-1 V1.3.1, NCP

Table 1: Root-CA 1 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
Complete subject DN: CN = VRK Gov. Root CA - G2, OU = Varmennepalvelut, OU = Certification Authority Services, O = Vaestorekisterikeskus CA, C = FI	SHA-256 fingerprint of the certificate: 39A835B14B6B6313F778371C79CB434DD518C8FD325B749D9BE669DFF20384E8	ETSI EN policy that this Root has been assessed against: ETSI EN 319 411-2 V2.3.1 (2021-05), QCP-n-qscd
Complete subject DN: CN = VRK Gov. Root CA - G2, OU = Varmennepalvelut, OU = Certification Authority Services, O = Vaestorekisterikeskus CA, C = FI	SHA-256 fingerprint of the certificate: 9C0B9EBEA95590D0FAFE4A46C62E49DD0BA6CC0A80F89019A23D037E1A4C1B5B	ETSI EN policy that this Root has been assessed against: ETSI EN 319 411-2 V2.3.1 (2021-05), QCP-n-qscd
Complete subject DN: VRK Gov. Root CA - G2, OU = Varmennepalvelut, OU = Certification Authority Services, O = Vaestorekisterikeskus CA, C = FI	SHA-256 fingerprint of the certificate: 1BD3870B842FF0A637284268017E18E455A7FD2D84468F3CDF7D587C7AB35C9D	ETSI EN policy that this Root has been assessed against: ETSI EN 319 411-1 V1.3.1 (2021-05), OVCP ETSI EN 319 411-2 V2.3.1 (2021-05), QCP-w
Complete subject DN: VRK Gov. Root CA - G2, OU = Varmennepalvelut, OU = Certification Authority Services, O = Vaestorekisterikeskus CA, C = FI	SHA-256 fingerprint of the certificate: 0E839EE68B1EEF721D31E62E589E692C03180FAADADE48A71837C25090B3ACC4	ETSI EN policy that this Root has been assessed against: ETSI EN 319 411-2 V2.3.1 (2021-05), QCP-n-qscd

Distinguished Name	SHA-256 fingerprint	Applied policy
Complete subject DN: VRK Gov. Root CA - G2, OU = Varmennepalvelut, OU = Certification Authority Services, O = Vaestorekisterikeskus CA, C = FI	SHA-256 fingerprint of the certificate: A6B34F7B0E87446362BB1A2BF3EE95DD56D8BA97A9FFB03DF41031377ECDD6F8	ETSI EN policy that this Root has been assessed against: ETSI EN 319 411-1 V1.3.1 (2021-05), OVCP ETSI EN 319 411-2 V2.3.1 (2021-05), QCP-w

Table 2: Sub-CA's issued by the Root-CA 1 or its Sub-CA's in scope of the audit

Root 2: DVV Gov. Root CA – G3 RSA

Standards considered:	<p>European Standards:</p> <ul style="list-style-type: none">• ETSI EN 319 411-2 V2.4.1 (2021-11)• ETSI EN 319 411-1 V1.3.1 (2021-05)• ETSI EN 319 401 V2.3.1 (2021-05) <p>For the Trust Service Provider Conformity Assessment:</p> <ul style="list-style-type: none">• ETSI EN 319 403 V2.2.2 (2015-08)• ETSI EN 319 403-1 V2.3.1 (2020-06)• 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:

- see list above

Findings with regard to ETSI EN 319 401:

See list above

Findings with regard to ETSI EN 319 411-1:

None.

Findings with regard to ETSI EN 319 411-2:

None.

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

Distinguished Name	SHA-256 fingerprint	Applied policy
Complete subject DN: DVV Gov. Root CA - G3 RSA, OU = Varmennepalvelut, OU = Certification Authority Services, O = Digi- ja vaestotietovirasto CA, C = FI	SHA-256 fingerprint of the certificate: D3ED3FC40AD26B52E001E1E18F4B9449529DEB75A81D5EB680D7B62DB23BA96D	ETSI EN policy that this Root has been assessed against: ETSI EN 319 411-1 V1.3.1 (2021-05), NCP

Table 3: Root-CA 2 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
Complete subject DN: CN = DVV Gov. Root CA - G3 RSA, OU = Varmennepalvelut, OU = Certification Authority Services, O = Digi- ja vaestotietovirasto CA, C = FI	SHA-256 fingerprint of the certificate: 2176C05E69EE24946A140D13F9EFA222B3F1E768E1E2A67B313969CC03B82064	ETSI EN policy that this Root has been assessed against: ETSI EN 319 411-2 V2.3.1 (2021-05), QCP-n-qscd
Complete subject DN: CN = DVV Gov. Root CA - G3 RSA, OU = Varmennepalvelut, OU = Certification Authority Services, O = Digi- ja vaestotietovirasto CA, C = FI	SHA-256 fingerprint of the certificate: DFC3E965176F883A9CF0F68CEAEEAB663EDFD8E79DE3294373C28A856984006F	ETSI EN policy that this Root has been assessed against: ETSI EN 319 411-2 V2.3.1 (2021-05), QCP-n-qscd
Complete subject DN: CN = DVV Gov. Root CA - G3 RSA, OU = Varmennepalvelut, OU = Certification Authority Services, O = Digi- ja vaestotietovirasto CA, C = FI	SHA-256 fingerprint of the certificate: 46319C69041DB9A0D93DAE802E3002CC615365931FE0976D392E8863E3F3BE31	ETSI EN policy that this Root has been assessed against: ETSI EN 319 411-1 V1.3.1 (2021-05), OVCP ETSI EN 319 411-2 V2.3.1 (2021-05), QCP-w

<p>Complete subject DN: CN = DVV Gov. Root CA - G3 RSA, OU = Varmennepalvelut, OU = Certification Authority Services, O = Digi- ja vaestotietovirasto CA, C = FI</p>	<p>SHA-256 fingerprint of the certificate: 6073359DE6BDFBF83874CBD53D4BDE3D8165A8E7A9F772F02A7C6A48A8E7B77B</p>	<p>ETSI EN policy that this Root has been assessed against: ETSI EN 319 411-2 V2.3.1 (2021-05), QCP-n-qscd</p>
<p>Complete subject DN: CN = DVV Gov. Root CA - G3 RSA, OU = Varmennepalvelut, OU = Certification Authority Services, O = Digi- ja vaestotietovirasto CA, C = FI</p>	<p>SHA-256 fingerprint of the certificate: 9D433C237C3AEE7A676C9A2ED4ECCB9E40ED17914655571624F0A89969B634BF</p>	<p>ETSI EN policy that this Root has been assessed against: ETSI EN 319 411-1 V1.3.1 (2021-05), OVCP ETSI EN 319 411-2 V2.3.1 (2021-05), QCP-w</p>
<p>Complete subject DN: CN = DVV Gov. Root CA - G3 RSA, OU = Varmennepalvelut, OU = Certification Authority Services, O = Digi- ja vaestotietovirasto CA, C = FI</p>	<p>SHA-256 fingerprint of the certificate: 428089726472CA75A47F8E011AEB6483036973C72CF05478953B2FC2E012B731</p>	<p>ETSI EN policy that this Root has been assessed against: ETSI EN 319 411-2 V2.3.1 (2021-05), QCP-n-qscd</p>
<p>Complete subject DN: CN = DVV Gov. Root CA - G3 RSA, OU = Varmennepalvelut, OU = Certification Authority Services, O = Digi- ja vaestotietovirasto CA, C = FI</p>	<p>SHA-256 fingerprint of the certificate: 6E73C6A3422AE3BB37AF6D3933092A1F6959C09EB17F0A7E14F539665F50C949</p>	<p>ETSI EN policy that this Root has been assessed against: ETSI EN 319 411-2 V2.3.1 (2021-05), QCP-n-qscd</p>

Table 4: Sub-CA’s issued by the Root-CA 2 or its Sub-CA’s in scope of the audit

Root 3: DVV Gov. Root CA – G3 ECC

Standards considered:	European Standards: <ul style="list-style-type: none">• ETSI EN 319 411-2 V2.4.1 (2021-11)• ETSI EN 319 411-1 V1.3.1 (2021-05)• ETSI EN 319 401 V2.3.1 (2021-05) For the Trust Service Provider Conformity Assessment: <ul style="list-style-type: none">• ETSI EN 319 403 V2.2.2 (2015-08)• ETSI EN 319 403-1 V2.3.1 (2020-06)• 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:

- see list above

Findings with regard to ETSI EN 319 401:

See list above

Findings with regard to ETSI EN 319 411-1:

None.

Findings with regard to ETSI EN 319 411-2:

None.

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

Distinguished Name	SHA-256 fingerprint	Applied policy
Complete subject DN: CN = DVV Gov. Root CA - G3 ECC, OU = Varmennepalvelut, OU = Certification Authority Services, O = Digi- ja vaestotietovirasto CA, C = FI	SHA-256 fingerprint of the certificate: 5546A52504FBA74F61FFD4890067529ADE3B9C9D07E502592831CCDA9B369FD3	ETSI EN policy that this Root has been assessed against: ETSI EN 319 411-1 V1.3.1 (2021-05), NCP

Table 5: Root-CA 3 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
Complete subject DN: CN = DVV Gov. Root CA - G3 ECC, OU = Varmennepalvelut, OU = Certification Authority Services, O = Digi- ja vaestotietovirasto CA, C = FI	SHA-256 fingerprint of the certificate: AAD1BEAC4696102A88BF9D518D64F8B014F78F9B152579C959998313197924D7	ETSI EN policy that this Root has been assessed against: ETSI EN 319 411-2 V2.3.1 (2021-05), QCP-n-qscd
Complete subject DN: CN = DVV Gov. Root CA - G3 ECC, OU = Varmennepalvelut, OU = Certification Authority Services, O = Digi- ja vaestotietovirasto CA, C = FI	SHA-256 fingerprint of the certificate: 8FDBDCCB5820F1C79EF8BCE190E2B3CD2CC3D0B6BD8311B1F75FBD48BBC230D4	ETSI EN policy that this Root has been assessed against: ETSI EN 319 411-2 V2.3.1 (2021-05), QCP-n-qscd
Complete subject DN: CN = DVV Gov. Root CA - G3 ECC, OU = Varmennepalvelut, OU = Certification Authority Services, O = Digi- ja vaestotietovirasto CA, C = FI	SHA-256 fingerprint of the certificate: 93C176167ECA02A1B262B16517AC5FB5FC25D3568D97ECDDD04E3A6126B6C7BA	ETSI EN policy that this Root has been assessed against: ETSI EN 319 411-1 V1.3.1 (2021-05), OVCP ETSI EN 319 411-2 V2.3.1 (2021-05), QCP-w

<p>Complete subject DN: CN = DVV Gov. Root CA - G3 ECC, OU = Varmennepalvelut, OU = Certification Authority Services, O = Digi- ja vaestotietovirasto CA, C = FI</p>	<p>SHA-256 fingerprint of the certificate: A155B9FB8A372683A3825054F9A5265C55430A68616BAD8A1726E70F09F95A26</p>	<p>ETSI EN policy that this Root has been assessed against: ETSI EN 319 411-2 V2.3.1 (2021-05), QCP-n-qscd</p>
<p>Complete subject DN: CN = DVV Gov. Root CA - G3 ECC, OU = Varmennepalvelut, OU = Certification Authority Services, O = Digi- ja vaestotietovirasto CA, C = FI</p>	<p>SHA-256 fingerprint of the certificate: A5C53CF6843A395E6EC244E9B27D58413295428DED97586FD4F67AA4AB8D49A0</p>	<p>ETSI EN policy that this Root has been assessed against: ETSI EN 319 411-1 V1.3.1 (2021-05), OVCP ETSI EN 319 411-2 V2.3.1 (2021-05), QCP-w</p>
<p>Complete subject DN: CN = DVV Gov. Root CA - G3 ECC, OU = Varmennepalvelut, OU = Certification Authority Services, O = Digi- ja vaestotietovirasto CA, C = FI</p>	<p>SHA-256 fingerprint of the certificate: 1909d871df44093975764f011b224aedfd058b8c</p>	<p>ETSI EN policy that this Root has been assessed against: ETSI EN 319 411-2 V2.3.1 (2021-05), QCP-n-qscd</p>
<p>Complete subject DN: CN = DVV Gov. Root CA - G3 ECC, OU = Varmennepalvelut, OU = Certification Authority Services, O = Digi- ja vaestotietovirasto CA, C = FI</p>	<p>SHA-256 fingerprint of the certificate: 525d3b37fe5c4168222e2c606f4d6e3bb581bf3e</p>	<p>ETSI EN policy that this Root has been assessed against: ETSI EN 319 411-2 V2.3.1 (2021-05), QCP-n-qscd</p>

Table 6: Sub-CA’s issued by the Root-CA 3 or its Sub-CA’s in scope of the audit

Modifications record

Version	Issuing Date	Changes
Version 1	2024-09-30	Initial attestation

End of the audit attestation letter.