Audit Attestation for

Hellenic Academic & Research Institutions Certification Authority ("HARICA")

Reference: 290623-05-AL

Thessaloniki, 2023-06-29

To whom it may concern,

This is to confirm that "QMSCERT Audits Inspections Certifications S.A. (Q-CERT S.A.), " has audited the CAs of the "GREEK UNIVERSITIES NETWORK (dba "GUNET")", owner of HELLENIC ACADEMIC & RESEARCH INSTITUTIONS CERTIFICATION AUTHORITY ("HARICA"), without findings.

This present Audit Attestation Letter is registered under the unique identifier number "290623-05-AL" covers multiple Root-CAs and consists of 35 pages.

Kindly find here below the details accordingly.

In case of any question, please contact:

Q-CERT S.A.
28, Vlasiou Gavrielidi Str.
546 55 Thessaloniki, Greece
E-Mail: ict-certification@qmscert.com
Phone: +30 2310 443041

With best regards,

_____
Vasileios Nasiopoulos
Managing Director

General audit information

Identification of the conformity assessment body (CAB) and assessment organization acting as ETSI auditor
• QMSCERT Audits Inspections Certifications S.A. (Q-CERT S.A.), 28 Vlasiou Gavrielidi Str., 546 55, Thessaloniki, Greece, registered under nº 042094606000 • Accredited by ACCREDIA under registration no. 272B[1] for the certification of trust services according to "EN ISO/IEC 17065:2012" 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): AIG Europe S.A., Policy No. P2301004773 • Third-party affiliate audit firms involved in the audit: None.
Identification and qualification of the audit team
• Number of team members: Two (2) • 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:

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[1]

https://services.accredia.it/ppsearch/accredia_orgmask.jsp?ID_LINK=1733&area=310&PPSEARCH_ORG_SEARCH_MASK_ORG=3761&PPSEARCH_ORG_SEARCH_MASK_SCHEMI=&PPSEARCH_ORG_SEARCH_MASK_SCHEMI_ALTRI=&PPSEARCH_ODC_SEARCH_MASK_SETTORE_ACCR=&PPSEARCH_ORG_SEARCH_MASK_CITTA=&PPSEARCH_ORG_SEARCH_MASK_PROVINCIA=&PPSEARCH_ORG_SEARCH_MASK_REGIONE=&PPSEARCH_ORG_SEARCH_MASK_STATO=&orgtype=all&PPSEARCH_ORG_SEARCH_MASK_SCOPO=&PPSEARCH_ORG_SEARCH_MASK_PDFACCREDITAMENTO=&submitBtn=Cerca

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Page 2 of 35

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

f) knowledge of security policies and controls.

- 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
  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
- Number of Reviewers/Audit Quality Managers involved independent from the audit team: One (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):	GREEK UNIVERSITIES NETWORK ("GUNET") Network Operation Center, National and Kapodistrian University of Athens, Panepistimioupoli Ilissia, 157 84 Athens, Greece Registered under 13392/28-9-2000

Type of audit:	☒ Period of time, full audit

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Page 3 of 35

Audit period covered for all policies:	2022-03-30 to 2023-03-29
Point in time date:	none, as audit was a period of time audit
Audit dates:	2023-03-27 to 2023-04-07 (on site)
Audit location:	MR1, Thessaloniki, Greece (operations) MR4, Thessaloniki, Greece (disaster recovery)

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Page 4 of 35

Root 1: Hellenic Academic and Research Institutions RootCA 2011

Standards considered:	European Standards: ☒ ETSI EN 319 411-1 V1.3.1 (2021-05) ☒ ETSI EN 319 401 V2.3.1 (2021-05) CA Browser Forum Requirements: ☒ Baseline Requirements for the Issuance and Management of Publicly-Trusted Certificates, version 1.8.7 For the Trust Service Provider Conformity Assessment: ☒ ETSI EN 319 403-1 V2.3.1 (2020-06) ☒ ETSI TS 119 403-2 V1.2.4 (2020-11)

The audit was based on the following policy and practice statement documents of the CA / TSP:

1. [CP/CPS] Certificate Policy/ Certification Practice Statement, version 4.6, dated 2022-10-17

2. [CP/CPS] Certificate Policy/ Certification Practice Statement, version 4.5, dated 2022-03-23

No major or minor 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.

This attestation is based on the template v3.0 as of 2023-02-20, that was approved for use by ACAB-c.

Distinguished Name	SHA-256 fingerprint	Applied policy and OID
C=GR/O=Hellenic Academic and Research Institutions Cert. Authority/CN=Hellenic Academic and Research Institutions RootCA 2011	BC104F15A48BE709DCA542A7E1D4B9DF6F054527E802EAA92D595444258AFE71	ETSI EN 319 411-1: DVCP, OVCP, IVCP

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
CN=Technical University of Crete CA R1,O=Hellenic Academic and Research Institutions Cert. Authority,C=GR **(EXPIRED)**	BDBCFE1193FBB923ABEE14CA66228FEC890B18E02102C0D9A98EF2E8626ECA7B	ETSI EN 319 411-1: DVCP, OVCP, IVCP	Not defined
CN=National and Kapodistrian University of Athens CA R2,O=Hellenic Academic and Research Institutions Cert. Authority,C=GR	58AA92961C1E035054ADDA64E883BFAE1B21439CBF7AD61E33F67DC56E295F6A	ETSI EN 319 411-1: DVCP, OVCP, IVCP	Not defined
CN=Greek Academic Network CA R2,O=Hellenic Academic and Research Institutions Cert. Authority,C=GR	8CFE1315B167FCBFC8B1A9EB54E97F13282EE2507E0D23B0148D053AE8736FE3	ETSI EN 319 411-1: DVCP, OVCP, IVCP	Not defined
CN=Aristotle University of Thessaloniki Central CA R5,O=Aristotle University of Thessaloniki,C=GR	E83566E6F599481678C0D99892169C87F77914C621FDF1E659C7085772D4A487	ETSI EN 319 411-1: DVCP, OVCP, IVCP	Not defined

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CN=Technological Educational Institution of Thessaloniki CA R3,O=Hellenic Academic and Research Institutions Cert. Authority,C=GR	ADEB0AC1B37F5DA44A6848E14B735970F920FF9C7625DA8AA099A89EA6D77C72	ETSI EN 319 411-1: DVCP, OVCP, IVCP	Not defined
CN=Athens University of Economics and Business CA R2,O=Hellenic Academic and Research Institutions Cert. Authority,C=GR	452E84552410D43DE588499E33BB5D28D5E79B871706496A3F4242E854B90A5B	ETSI EN 319 411-1: DVCP, OVCP, IVCP	Not defined
CN=University of Western Macedonia CA R3,O=Hellenic Academic and Research Institutions Cert. Authority,C=GR	08A2773F908B89E35F83DC270AFB8BC65E8D192F0DD24B5211617168D60DD3AB	ETSI EN 319 411-1: DVCP, OVCP, IVCP	Not defined
CN=University of the Peloponnese CA R2,O=Hellenic Academic and Research Institutions Cert. Authority,C=GR	C973BEACA65449451E5C4131570D05E72F34D2ADEBD94DB2E51E9A544E1E0101	ETSI EN 319 411-1: DVCP, OVCP, IVCP	Not defined
CN=Technological Educational Institution of Thessaly CA R2,O=Hellenic Academic and Research Institutions Cert. Authority,C=GR	BF8ABE927D18EB66EF9FB525ED20EE091EB782A48FDA6F4CF232D0668FCD5CC6	ETSI EN 319 411-1: DVCP, OVCP, IVCP	Not defined
CN=HEAL-LINK Hellenic Academic Libraries Link CA R2,O=Hellenic Academic and Research Institutions Cert. Authority,C=GR	FCD733CF243AA322F1890A19B922F6FAADCF33C44985372F1FD40360E5DB4540	ETSI EN 319 411-1: DVCP, OVCP, IVCP	Not defined
CN=Greek School Network CA R2,O=Hellenic Academic and Research Institutions Cert. Authority,C=GR	A046697FB859F0C26BB1360C0DE6E4A914B3BAE8C0631A56EC688923F9541EEA	ETSI EN 319 411-1: DVCP, OVCP, IVCP	Not defined
CN=University of Ioannina CA R2,O=Hellenic Academic and Research Institutions Cert. Authority,C=GR	3A5F4EF758DAD62E4369246445E068E4DADFDD4862DCDC352CBCA3F58CB1028A	ETSI EN 319 411-1: DVCP, OVCP, IVCP	Not defined

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CN=Technological Educational Institution of Central Macedonia CA R3,O=Hellenic Academic and Research Institutions Cert. Authority,C=GR	6777464451C99B85B12AD323F73F7136C82BF4D13E175E9508258FC1375C73C7	ETSI EN 319 411-1: DVCP, OVCP, IVCP	Not defined
CN=Technological Educational Institute of Epirus CA R3,O=Hellenic Academic and Research Institutions Cert. Authority,C=GR	FD2954A6BC7F47DD443F6164D8454245BB0CFE9CF55ACE37DBB35B8E4895A7D9	ETSI EN 319 411-1: DVCP, OVCP, IVCP	Not defined
CN=University of Macedonia CA R1,O=Hellenic Academic and Research Institutions Cert. Authority,C=GR	17B4E0AD0482A3D027F58BDFC8A9BD55F75CABC8DF059A4056A16CC8DEE533EF	ETSI EN 319 411-1: DVCP, OVCP, IVCP	Not defined
CN=University of Patras CA R1,O=Hellenic Academic and Research Institutions Cert. Authority,C=GR	1BA440F7EB048A402A87091C4940740462549A2AF3962F8BC7184AD0B04B831D	ETSI EN 319 411-1: DVCP, OVCP, IVCP	Not defined
CN=Democritus University of Thrace CA R1,O=Hellenic Academic and Research Institutions Cert. Authority,C=GR	F71DA328231C30D7E3C059C6261423D10C4FF2C8EB92EB9093A5D9AF7160AB55	ETSI EN 319 411-1: DVCP, OVCP, IVCP	Not defined
CN=University of Piraeus CA R1,O=Hellenic Academic and Research Institutions Cert. Authority,C=GR	3ABCE953019DF2581EDACAB58BE8E143FE690A7F93C28C373C207627F818264E	ETSI EN 319 411-1: DVCP, OVCP, IVCP	Not defined
CN=CEDEFOP CA R1,O=Hellenic Academic and Research Institutions Cert. Authority,C=GR	0619905C92CAEC89788DB557AB177B0A4CD50531E3ED57F27370B7EC8DAC1B5A	ETSI EN 319 411-1: DVCP, OVCP, IVCP	Not defined
CN=Technological Educational Institute of Western Greece CA R1,O=Hellenic Academic and Research Institutions Cert. Authority,C=GR	0B89633F122F75821950AE27E0BADD40D49BB50F0CB1B75EE4F4662ACE4CB3D8	ETSI EN 319 411-1: DVCP, OVCP, IVCP	Not defined

This attestation is based on the template v3.0 as of 2023-02-20, that was approved for use by ACAB-c.

CN=Piraeus University of Applied Sciences CA R1,O=Hellenic Academic and Research Institutions Cert. Authority,C=GR	BA8ED190E9325AED4382C684463102501F831B96F63E88CA35F2FE1BBC8C22C0	ETSI EN 319 411-1: DVCP, OVCP, IVCP	Not defined
CN=Harokopio University CA R1,O=Hellenic Academic and Research Institutions Cert. Authority,C=GR	26F7ADB721CC2D3E26DF063A6FE28739894B1847060C351DC6F5311C57DF0B5F	ETSI EN 319 411-1: DVCP, OVCP, IVCP	Not defined
CN=University of Crete CA R3,O=Hellenic Academic and Research Institutions Cert. Authority,C=GR	FC8889A411D1910B7A6DE159FB328F84DFFD2756A39A78E91CB9BB90C6FEA6E4	ETSI EN 319 411-1: DVCP, OVCP, IVCP	Not defined
CN=International Hellenic University CA R1,O=Hellenic Academic and Research Institutions Cert. Authority,C=GR	884C51D643BE1126E72F3B1B7238BA57E0268C1D6C4A22ACDD6249C1758A53B6	ETSI EN 319 411-1: DVCP, OVCP, IVCP	Not defined
CN=Panteion University of Social and Political Sciences CA R1,O=Hellenic Academic and Research Institutions Cert. Authority,C=GR	23D3AA2C53136F789FF7C231E92B6210FCC7B80E5DA4287C5DF1BC525B4F4612	ETSI EN 319 411-1: DVCP, OVCP, IVCP	Not defined
CN=Eastern Macedonia and Thrace Institute of Technology CA R1,O=Hellenic Academic and Research Institutions Cert. Authority,C=GR	FBEACB1EE5BD5F33515C64AC752FF078224D88EE406474C331F9543D4B721846	ETSI EN 319 411-1: DVCP, OVCP, IVCP	Not defined
CN=Hellenic Academic and Research Institutions AdminCA R6,O=Hellenic Academic and Research Institutions Cert. Authority,C=GR	A3077125D69FC9CD99B5DAA7CFE80A0EF2B2E984E6D71ED078BF2424E9A6CFD5	ETSI EN 319 411-1: DVCP, OVCP, IVCP	Not defined
CN=HARICA SSL Intermediate CA R1,O=Hellenic Academic and Research Institutions Cert. Authority,C=GR	F470AE8A7371800FC9F394EED7167B45E6AA38EAB020093864985C15C1E8B8CB	ETSI EN 319 411-1: DVCP, OVCP, IVCP	TLS Web Client Authentication, TLS Web Server Authentication

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CN=Hellenic Academic and Research Institutions RootCA 2015,O=Hellenic Academic and Research Institutions Cert. Authority,L=Athens,C=GR	F28A97AC28CFED10A93A7F078F978C8F6204C9D8451F745D5FEBBD6E0B6D4D7C	[Cross-Certificate]	Not defined
CN=Academy of Athens Client CA R1,O=Academy of Athens,L=Athens,C=GR	DDAA5F72E10FD3AD072AD2C0D21958DBF1709E7AED13B38C264728FCE5C9BA1E	[Technically-constrained non-TLS CA]	TLS Web Client Authentication, E-mail Protection, 1.3.6.1.4.1.311.10.3.12
CN=HARICA Qualified Legal Entities SubCA R1,O=Hellenic Academic and Research Institutions Cert. Authority,L=Athens,C=GR	93ADD7C8486BF15A416949E1637BC219A3455E374E0EAF980153035AB17F3EC5	[Technically-constrained non-TLS CA]	TLS Web Client Authentication, E-mail Protection, 1.3.6.1.4.1.311.10.3.12
CN=HARICA Qualified Natural Entities SubCA R1,O=Hellenic Academic and Research Institutions Cert. Authority,L=Athens,C=GR	357554CED3C49BA13DDD55A5682629B6FCE2ACFC4519AB2BE04B3A8601A59F2F	[Technically-constrained non-TLS CA]	TLS Web Client Authentication, E-mail Protection, 1.3.6.1.4.1.311.10.3.12
CN=Institute of Accelerating Systems and Applications SSL CA R1,O=Institute of Accelerating Systems and Applications,L=Athens,C=GR	918D2995DA1BE219E3A7E4BA2DAFA11A025EEBF4D4A35A3A8B2DB99E792C687E	ETSI EN 319 411-1: DVCP, OVCP, IVCP	TLS Web Client Authentication, TLS Web Server Authentication
CN=Ionian University SSL CA R1,O=Ionian University,L=Kerkyra,C=GR	9DF0D3D5540DEAE996C1B26DA31D0ED4E60EFDF3A3DA39B63FA8381D3BA893DA	ETSI EN 319 411-1: DVCP, OVCP, IVCP	TLS Web Client Authentication, TLS Web Server Authentication
CN=Institute of Accelerating Systems and Applications Client CA R1,O=Institute of Accelerating Systems and Applications,L=Athens,C=GR	DC1AB1EFCA2083FE1EA6D0D3DC4A7879D5CC6D3DA3F0A81E94C8699D3AA7CB0E	[Technically-constrained non-TLS CA]	TLS Web Client Authentication, E-mail Protection, 1.3.6.1.4.1.311.10.3.12
CN=Ionian University Client CA R1,O=Ionian University,L=Kerkyra,C=GR	C95A9426410E11E70EED947806FD87F6F0DE77B98F1C454BE10D35C4442DC1DD	[Technically-constrained non-TLS CA]	TLS Web Client Authentication, E-mail Protection, 1.3.6.1.4.1.311.10.3.12

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CN=HARICA S/MIME RSA SubCA R1,O=Hellenic Academic and Research Institutions Cert. Authority,L=Athens,C=GR	E530511259D33FB3EDD38E0E799FF9E8F99D4DB2DA0DEE08EAF5A6D15CCE9BFC	[Technically-constrained non-TLS CA]	TLS Web Client Authentication, E-mail Protection
CN=HARICA Client Authentication RSA SubCA R1,O=Hellenic Academic and Research Institutions Cert. Authority,L=Athens,C=GR	D25B6C50594F6119DC3AB2E59F5509FC904F10C4FFA757C0129EEBDA86BFFCB1	[Technically-constrained non-TLS CA]	TLS Web Client Authentication

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

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Page 11 of 35

Root 2: Hellenic Academic and Research Institutions RootCA 2015

Standards considered:	European Standards: ☒ ETSI TS 119 495 V1.5.1 (2021-04) ☒ 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) CA Browser Forum Requirements: ☒ Baseline Requirements for the Issuance and Management of Publicly-Trusted Certificates, version 1.8.7 For the Trust Service Provider Conformity Assessment: ☒ ETSI EN 319 403-1 V2.3.1 (2020-06) ☒ ETSI TS 119 403-2 V1.2.4 (2020-11)

The audit was based on the following policy and practice statement documents of the CA / TSP:

1. [CP/CPS] Certificate Policy/ Certification Practice Statement, version 4.6, dated 2022-10-17

2. [CP/CPS] Certificate Policy/ Certification Practice Statement, version 4.5, dated 2022-03-23

No major or minor 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.

This attestation is based on the template v3.0 as of 2023-02-20, that was approved for use by ACAB-c.

page 12 of 35

Distinguished Name	SHA-256 fingerprint	Applied policy and OID
C=GR/L=Athens/O=Hellenic Academic and Research Institutions Cert. Authority/CN=Hellenic Academic and Research Institutions RootCA 2015	A040929A02CE53B4ACF4F2FFC6981CE4496F755E6D45FE0B2A692BCD52523F36	ETSI EN 319 411-1: DVCP, OVCP, IVCP; ETSI EN 319 411-2: QNCP-w; ETSI TS 119 495: QCP-w-psd2

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
CN=Hellenic Academic and Research Institutions AdminCA R5,O=Hellenic Academic and Research Institutions Cert. Authority,C=GR	7BEC7827E05D1931DD82689AF6B2F19A3F5E4C756EFA162BD708C9279D1A9E4E	ETSI EN 319 411-1: DVCP, OVCP, IVCP	not defined
CN=Hellenic Academic and Research Institutions Code Signing CA R1,O=Hellenic Academic and Research Institutions Cert. Authority,L=Athens,C=GR	68494D765B5E71404F56D06A1A853A27C369B96B7D405EED9BD79E0FC308EB0F	[Technically-constrained non-TLS CA]	Code Signing
CN=Hellenic Academic and Research Institutions Time Stamping CA R1,O=Hellenic Academic and Research Institutions Cert. Authority,L=Athens,C=GR	F78AAE1DF78D403F2B3A4EFF20083E189925780DB3FD56DECB9C6133714D7F3E	[Technically-constrained non-TLS CA]	Time Stamping

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CN=ACER Client RSA SubCA R2,O=Agency for the Cooperation of Energy Regulators,L=Ljubljana,C=SI	EB9DCA726590EB81299EE224807041D97AAF97CF9425A8D146D682B502871EA5	[Technically-constrained non-TLS CA]	TLS Web Client Authentication
CN=HARICA S/MIME RSA SubCA R2,O=Hellenic Academic and Research Institutions Cert. Authority,L=Athens,C=GR	5C97E0FD1EBD6E136A71626F860AB5D65B797E7ED3C1C1BF4E653822375A4644	[Technically-constrained non-TLS CA]	TLS Web Client Authentication, E-mail Protection
CN=HARICA Client Authentication RSA SubCA R2,O=Hellenic Academic and Research Institutions Cert. Authority,L=Athens,C=GR	15DACB49F048B95408A0EEC6891729D9235CCAE32F45CFDA07175402BEE78300	[Technically-constrained non-TLS CA]	TLS Web Client Authentication
CN=HARICA Qualified Legal Entities SubCA R2,O=Hellenic Academic and Research Institutions Cert. Authority,L=Athens,C=GR	CDF27EEA0C3A5512369108FD74635D2D4CF50E94D6CA199BED7DE81B0D09A336	[Technically-constrained non-TLS CA]	TLS Web Client Authentication, E-mail Protection, 1.3.6.1.4.1.311.10.3.12
CN=HARICA Qualified Natural Entities SubCA R2,O=Hellenic Academic and Research Institutions Cert. Authority,L=Athens,C=GR	094F78C53EC5D8082BC5D5AAD1B11D5DF952BE56933358DBF5963542913A50CD	[Technically-constrained non-TLS CA]	TLS Web Client Authentication, E-mail Protection, 1.3.6.1.4.1.311.10.3.12
CN=Aristotle University of Thessaloniki SSL RSA SubCA R2,O=Aristotle University of Thessaloniki,L=Thessaloniki,C=GR	0EE82CEB7ECA241CCC29D4E588062C43E447EDE6C696F135ACC411966126BA83	ETSI EN 319 411-1: DVCP, OVCP, IVCP	TLS Web Client Authentication, TLS Web Server Authentication
CN=Academy of Athens SSL SubCA R2,O=Academy of Athens,L=Athens,C=GR	DC9455CA47F5FD9BF3BBABBEACF88F3DEB3B58BFA85AF404DFD21617CE90A0DD	ETSI EN 319 411-1: DVCP, OVCP, IVCP	TLS Web Client Authentication, TLS Web Server Authentication
CN=Ecclesiastical Academy of Vella SSL RSA SubCA R2,O=University Ecclesiastical Academy of Vella of Ioannina,L=Ioannina,C=GR	CDFF27AFA3DAF9F706AA7AC530298337E520C8B10A22F6514E00E21FD2873B79	ETSI EN 319 411-1: DVCP, OVCP, IVCP	TLS Web Client Authentication, TLS Web Server Authentication

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CN=GRnet SSL RSA SubCA R2,O=Greek Research and Technology Network,L=Athens,C=GR	C161F5AADE40FBC9723F0892DE963D4D10405561A6BDC69A72798F918BED19CD	ETSI EN 319 411-1: DVCP, OVCP, IVCP	TLS Web Client Authentication, TLS Web Server Authentication
CN=HARICA SSL RSA SubCA R3,O=Hellenic Academic and Research Institutions Cert. Authority,L=Athens,C=GR	70B6A10C0CA76DECE7ADBE970B76A37D8A02857B134C7505B184EBD5FCA4F3EA	ETSI EN 319 411-1: DVCP, OVCP, IVCP; ETSI EN 319 411-2: QNCP-w; ETSI TS 119 495: QCP-w-psd2	TLS Web Client Authentication, TLS Web Server Authentication
CN=HARICA Qualified Legal Entities SubCA R3,O=Hellenic Academic and Research Institutions Cert. Authority,L=Athens,C=GR	C6CB08B5D6DFE461AECE9AA3CF03AF7FED1341C9E6EE0052129C27CA754933F2	[Technically-constrained non-TLS CA]	TLS Web Client Authentication, E-mail Protection, 1.3.6.1.4.1.311.10.3.12
CN=HARICA Qualified Natural Entities SubCA R3,O=Hellenic Academic and Research Institutions Cert. Authority,L=Athens,C=GR	ADDBE88B468154CF8F7773288C8C50F760879E490892AA9272815B814E721E7D	[Technically-constrained non-TLS CA]	TLS Web Client Authentication, E-mail Protection, 1.3.6.1.4.1.311.10.3.12
CN=HARICA S/MIME RSA SubCA R3,O=Hellenic Academic and Research Institutions Cert. Authority,L=Athens,C=GR	593C4AB6066CDF6185067F562677FDDFF533656DB4BD2D577735301704150218	[Technically-constrained non-TLS CA]	TLS Web Client Authentication, E-mail Protection
CN=GRNET TLS RSA SubCA R1,O=National Infrastructures for Research and Technology,L=Athens,C=GR	88CE49E3A4FA37EAE28E8E35F8FF8CF7568CA845639CEF3B8DFDF4E4693AC14A	ETSI EN 319 411-1: DVCP, OVCP, IVCP	TLS Web Client Authentication, TLS Web Server Authentication
CN=International Hellenic University TLS RSA SubCA R1,O=Hellenic Academic and Research Institutions CA,C=GR	9C782F6B0558ADCB1CC9EF845320D14592C9220FCF0030C0980D9D753B06624F	ETSI EN 319 411-1: DVCP, OVCP, IVCP	TLS Web Client Authentication, TLS Web Server Authentication
CN=University of Ioannina TLS RSA SubCA R1,O=Hellenic Academic and Research Institutions CA,C=GR	46727B90C5A5F73375082D9B1BC9F17B445F5020A95E37DFDF1EF20B287C5115	ETSI EN 319 411-1: DVCP, OVCP, IVCP	TLS Web Client Authentication, TLS Web Server Authentication

This attestation is based on the template v3.0 as of 2023-02-20, that was approved for use by ACAB-c.

Page 15 of 35

CN=University of Patras TLS RSA SubCA R1,O=Hellenic Academic and Research Institutions CA,C=GR	673E34D7E1E6B25C187F391CC49138B4722A907E33F5B7487B613BB6DFE78909	ETSI EN 319 411-1: DVCP, OVCP, IVCP	TLS Web Client Authentication, TLS Web Server Authentication
CN=National Technical University of Athens TLS RSA SubCA R1,O=Hellenic Academic and Research Institutions CA,C=GR	1E8F051F2226F992D17B7CF17F0DECE0AA769902E9FE8D11F35B19B18A5A14F1	ETSI EN 319 411-1: DVCP, OVCP, IVCP	TLS Web Client Authentication, TLS Web Server Authentication
CN=University of the Aegean TLS RSA SubCA R1,O=Hellenic Academic and Research Institutions CA,C=GR	7E2C537397E7B8D9B24D87F304C96EA057A407CE11D0B66D99BA4B8A22BB1167	ETSI EN 319 411-1: DVCP, OVCP, IVCP	TLS Web Client Authentication, TLS Web Server Authentication
CN=HARICA EV Code Signing RSA SubCA R1,O=Hellenic Academic and Research Institutions CA,L=Athens,C=GR	0324BF1DE988B39D2A86F6A217B21940D631EFB746898E838C49120DA63749AC	[Technically-constrained non-TLS CA]	Code Signing
CN=HARICA EV TLS RSA SubCA R1,O=Hellenic Academic and Research Institutions CA,L=Athens,C=GR	F628264C79DBFBDFCFDEC643171BDCBD4DE7483F9C80EA59068887AE449A2E48	ETSI EN 319 411-1: DVCP, OVCP, IVCP	TLS Web Client Authentication, TLS Web Server Authentication
CN=HARICA QWAC RSA SubCA R1,OU=Hellenic Academic and Research Institutions CA,organizationIdentifier=VATGR-099028220,O=Greek Universities Network (GUnet),L=Athens,C=GR	DAB3FA0D6E821006FE709AE12176ABA2F397706CC9C71F5C1C0D098044DAEBDC	ETSI EN 319 411-1: DVCP, OVCP, IVCP; ETSI EN 319 411-2: QNCP-w; ETSI TS 119 495: QCP-w-psd2	TLS Web Client Authentication, TLS Web Server Authentication
CN=Athens University of Economics and Business TLS RSA SubCA R1,O=Hellenic Academic and Research Institutions CA,C=GR	3995B01A17800AECF5480E939D9DA44EDCCC7CF2935657C6179D5A1EFA25D74D	ETSI EN 319 411-1: DVCP, OVCP, IVCP	TLS Web Client Authentication, TLS Web Server Authentication

This attestation is based on the template v3.0 as of 2023-02-20, that was approved for use by ACAB-c.

CN=CEDEFOP TLS RSA SubCA R1,O=Hellenic Academic and Research Institutions CA,C=GR	44CE97F5C957DD056D44C3E1BDFCEB2CF9A7B428ED089839264336303BCAC7EF	ETSI EN 319 411-1: DVCP, OVCP, IVCP	TLS Web Client Authentication, TLS Web Server Authentication
CN=Democritus University of Thrace TLS RSA SubCA R1,O=Hellenic Academic and Research Institutions CA,C=GR	220040DDA377C944429E8CE913B7D81B36DE34EBF2DC218D2066393D94863439	ETSI EN 319 411-1: DVCP, OVCP, IVCP	TLS Web Client Authentication, TLS Web Server Authentication
CN=Greek Universities Network TLS RSA SubCA R1,O=Hellenic Academic and Research Institutions CA,C=GR	DC9993DC33A71FD95808787D19A4B55704E601D57EBCEACC8802C78B5C36F5C7	ETSI EN 319 411-1: DVCP, OVCP, IVCP	TLS Web Client Authentication, TLS Web Server Authentication
CN=HEAL-LINK Hellenic Academic Libraries Link TLS RSA SubCA R1,O=Hellenic Academic and Research Institutions CA,C=GR	8C0994B2AED0085FE542813EE03C4B2D732ECDCC257AE6453114C6C875933BD4	ETSI EN 319 411-1: DVCP, OVCP, IVCP	TLS Web Client Authentication, TLS Web Server Authentication
CN=Harokopio University TLS RSA SubCA R1,O=Hellenic Academic and Research Institutions CA,C=GR	BA425122F31D9BAE7CBE1E7FA2FF437ADF283E014333485F7691CB856AEC776A	ETSI EN 319 411-1: DVCP, OVCP, IVCP	TLS Web Client Authentication, TLS Web Server Authentication
CN=Inst. of Accelerating Systems and Applications TLS RSA SubCA R1,O=Hellenic Academic and Research Institutions CA,C=GR	146C1CF9BB7D231060D0FABD986E9850F00501F5A3B7B6AC42C51B38C8E22A23	ETSI EN 319 411-1: DVCP, OVCP, IVCP	TLS Web Client Authentication, TLS Web Server Authentication
CN=Ionian University TLS RSA SubCA R1,O=Hellenic Academic and Research Institutions CA,C=GR	DA0C4981F6336E06C129F7E8143B2A54AA85A14A63CA44FCE2CDDC69EEE788C9	ETSI EN 319 411-1: DVCP, OVCP, IVCP	TLS Web Client Authentication, TLS Web Server Authentication
CN=Panteion Univ. of Social and Political Sciences TLS RSA SubCA R1,O=Hellenic Academic and Research Institutions CA,C=GR	F0043E9FEFB37AEA794E690437DC239D6BD2C5CA0FB58A12244555A1A8A2A01A	ETSI EN 319 411-1: DVCP, OVCP, IVCP	TLS Web Client Authentication, TLS Web Server Authentication

This attestation is based on the template v3.0 as of 2023-02-20, that was approved for use by ACAB-c.

CN=Greek School Network TLS RSA SubCA R1,O=Hellenic Academic and Research Institutions CA,C=GR	CFDFEF037CFDBD6BB0E311E9BB281CA60271C5DAE2695312033806FA4B0E94B7	ETSI EN 319 411-1: DVCP, OVCP, IVCP	TLS Web Client Authentication, TLS Web Server Authentication
CN=Technical University of Crete TLS RSA SubCA R1,O=Hellenic Academic and Research Institutions CA,C=GR	1AF8B4D49C5A7B6DA536DEA92FDFAF45736205AFCA2DAFFFAECB712DA9C3EBD1	ETSI EN 319 411-1: DVCP, OVCP, IVCP	TLS Web Client Authentication, TLS Web Server Authentication
CN=University of Piraeus TLS RSA SubCA R1,O=Hellenic Academic and Research Institutions CA,C=GR	25EED131D7193597E48D4E36536CC5CFFBF9EB2042C62573AE8968D8A3695F1C	ETSI EN 319 411-1: DVCP, OVCP, IVCP	TLS Web Client Authentication, TLS Web Server Authentication
CN=National and Kapodistrian University of Athens TLS RSA SubCA R1,O=Hellenic Academic and Research Institutions CA,C=GR	1744B474101FE6A91936F5E60307C63DA58B88405B045323DEC8C8C00176AF77	ETSI EN 319 411-1: DVCP, OVCP, IVCP	TLS Web Client Authentication, TLS Web Server Authentication
CN=University of Crete TLS RSA SubCA R1,O=Hellenic Academic and Research Institutions CA,C=GR	5DABDA046272EEC89ECB95A6297DBA910D0144F7EEB5814D073AE54A4A8CF646	ETSI EN 319 411-1: DVCP, OVCP, IVCP	TLS Web Client Authentication, TLS Web Server Authentication
CN=University of Macedonia TLS RSA SubCA R1,O=Hellenic Academic and Research Institutions CA,C=GR	6539235A5A1F94180C5233EAF8A5D67102DEAA16C0751AEF35B3E67CE5607F29	ETSI EN 319 411-1: DVCP, OVCP, IVCP	TLS Web Client Authentication, TLS Web Server Authentication
CN=University of the Peloponnese TLS RSA SubCA R1,O=Hellenic Academic and Research Institutions CA,C=GR	1C9D3E8E0CF1E4F39C734D19E479AE971FC3066C000353A2B6AF32795A97EA1B	ETSI EN 319 411-1: DVCP, OVCP, IVCP	TLS Web Client Authentication, TLS Web Server Authentication
CN=University of Western Macedonia TLS RSA SubCA R1,O=Hellenic Academic and Research Institutions CA,C=GR	EFB44844F37EE6DE3FB4CC8D2C0C832FC8FEEBA9506237E0D1FC7AD4574A4CCA	ETSI EN 319 411-1: DVCP, OVCP, IVCP	TLS Web Client Authentication, TLS Web Server Authentication

This attestation is based on the template v3.0 as of 2023-02-20, that was approved for use by ACAB-c.

CN=HARICA Qualified Time Stamping RSA SubCA R1,OU=Hellenic Academic and Research Institutions CA,organizationIdentifier=VATGR-099028220,O=Greek Universities Network (GUnet),C=GR	1D3BDB9882F3D16AD807903DA797EC4ABAC27365D9B3C9B0E227B6B7E265972A	[Technically-constrained non-TLS CA]	Time Stamping
CN=University of West Attica TLS RSA SubCA R1,O=Hellenic Academic and Research Institutions CA,C=GR	1E3349CD366A93E59EF4152A1E483DAC6076184C5D46D4CDA00E6093EFC9E6A3	ETSI EN 319 411-1: DVCP, OVCP, IVCP	TLS Web Client Authentication, TLS Web Server Authentication
CN=HARICA Institutional Client SubCA R1,OU=Hellenic Academic and Research Institutions CA,organizationIdentifier=VATGR-099028220,O=Greek Universities Network (GUnet),C=GR	FEE2CD981C00C5CF3B0A47F3F4BC5DB1E6F4307AD45CE78F998F9BCBD82478EA	[Technically-constrained non-TLS CA]	TLS Web Client Authentication, E-mail Protection, 1.3.6.1.4.1.311.10.3.12
CN=Greek Federation of Judicial Officers Client RSA SubCA R4,OU=Hellenic Academic and Research Institutions CA,organizationIdentifier=VATGR-099028220,O=Greek Universities Network (GUnet),C=GR	8884A7E1A5E7FED19E60E3598E10EF2105ADFF02A0B91DF227069097F9DFDB62	[Technically-constrained non-TLS CA]	TLS Web Client Authentication, E-mail Protection, 1.3.6.1.4.1.311.10.3.12
CN=Ministry of Digital Governance (Hellenic Republic) SubCA R1,OU=Hellenic Academic and Research Institutions CA,organizationIdentifier=VATGR-099028220,O=Greek Universities Network (GUnet),C=GR	6014F88C181CA075E2F7B82A1F518FA604A22486ABB72A76591962FB08646C63	[Technically-constrained non-TLS CA]	1.3.6.1.4.1.311.10.3.12, 1.2.840.113583.1.1.5

This attestation is based on the template v3.0 as of 2023-02-20, that was approved for use by ACAB-c.

CN=HARICA TLS RSA Root CA 2021,O=Hellenic Academic and Research Institutions CA,C=GR	4ACD8DC6020A545A858943A553B5E0F3FC5B859AEA1746650D69CF1210F956D8	[Cross-Certificate]	TLS Web Client Authentication, TLS Web Server Authentication
CN=HARICA Institutional TLS RSA,O=Hellenic Academic and Research Institutions CA,C=GR	C5B4ABBD3BAE38114A3A823A8AC4CD31C45465B7C1CEBD84F36D72054AFBE8BB	ETSI EN 319 411-1: DVCP, OVCP, IVCP	TLS Web Client Authentication, TLS Web Server Authentication
CN=ACER Client RSA SubCA R3,O=Agency for the Cooperation of Energy Regulators,L=Ljubljana,C=SI	B8355501E3658AAA20986EFB67A1064ED9E9ACE94CA9E87C8BEE93946E0333E6	[Technically-constrained non-TLS CA]	TLS Web Client Authentication
CN=HARICA Code Signing RSA 2,O=Hellenic Academic and Research Institutions CA,C=GR	9B92D7AA0D29B18AFE9E7A66A1BB1A332361B5EE061964A2FC12085093C0D799	[Technically-constrained non-TLS CA]	Code Signing
CN=HARICA Time-stamping Certificates RSA 2,O=Hellenic Academic and Research Institutions CA,C=GR	668A4E057F27DF063D0D37C0A6142AAAF786F405DFC5A30F7A7DD5B02DD5A922	[Technically-constrained non-TLS CA]	Time Stamping
CN=HARICA CodeSigning RSA Root CA 2021,O=Hellenic Academic and Research Institutions CA,C=GR **(REVOKED 2022-07-21)**	BC0DED687E37BC2D1671D5E24BB5AFAC4FB003FDF5C2371F497165BFABA288BC	[Cross-Certificate]	Code Signing
CN=HARICA Code Signing RSA Root CA 2021,O=Hellenic Academic and Research Institutions CA,C=GR	2EDB3472C14ABB088840B8CD3EA70A65A620F4D2C54A05291DA786F685AFE8F4	[Cross-Certificate]	Code Signing

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

This attestation is based on the template v3.0 as of 2023-02-20, that was approved for use by ACAB-c.

Page 20 of 35

Root 3: Hellenic Academic and Research Institutions ECC RootCA 2015

Standards considered:	European Standards: ☒ ETSI TS 119 495 V1.5.1 (2021-04) ☒ 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) CA Browser Forum Requirements: ☒ Baseline Requirements for the Issuance and Management of Publicly-Trusted Certificates, version 1.8.7 For the Trust Service Provider Conformity Assessment: ☒ ETSI EN 319 403-1 V2.3.1 (2020-06) ☒ ETSI TS 119 403-2 V1.2.4 (2020-11)

The audit was based on the following policy and practice statement documents of the CA / TSP:

1. [CP/CPS] Certificate Policy/ Certification Practice Statement, version 4.6, dated 2022-10-17

2. [CP/CPS] Certificate Policy/ Certification Practice Statement, version 4.5, dated 2022-03-23

No major or minor 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.

This attestation is based on the template v3.0 as of 2023-02-20, that was approved for use by ACAB-c.

page 21 of 35

Distinguished Name	SHA-256 fingerprint	Applied policy and OID
C=GR/L=Athens/O=Hellenic Academic and Research Institutions Cert. Authority/CN=Hellenic Academic and Research Institutions ECC RootCA 2015	44B545AA8A25E65A73CA15DC27FC36D24C1CB9953A066539B11582DC487B4833	ETSI EN 319 411-1: DVCP, OVCP, IVCP; ETSI EN 319 411-2: QNCP-w; ETSI TS 119 495: QCP-w-psd2

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
CN=HARICA Code Signing ECC SubCA R2,O=Hellenic Academic and Research Institutions Cert. Authority,L=Athens,C=GR	013932465EE4FC2448D0C9AEEEA049DE9063AF5E773E8A501AB626F0957E1345	[Technically-constrained non-TLS CA]	Code Signing
CN=HARICA Client Authentication ECC SubCA R2,O=Hellenic Academic and Research Institutions Cert. Authority,L=Athens,C=GR	4D63F8747A9680F81882B62D0FA993C33581D314C5B596FA373DF92B2C65D4FF	[Technically-constrained non-TLS CA]	TLS Web Client Authentication
CN=HARICA Qualified Legal Entities ECC SubCA R2,O=Hellenic Academic and Research Institutions Cert. Authority,L=Athens,C=GR	DD5BAC4F1BB5356AE98D3F0C8E24C59DF84199A56F78F1C161196AAD70283094	[Technically-constrained non-TLS CA]	TLS Web Client Authentication, E-mail Protection, 1.3.6.1.4.1.311.10.3.12
CN=HARICA Qualified Natural Entities ECC SubCA R2,O=Hellenic Academic and Research Institutions Cert. Authority,L=Athens,C=GR	4D961AEE0D2DD0ADF433B4AAC261CE5871665CF39FCA1B4838AE6620DA685046	[Technically-constrained non-TLS CA]	TLS Web Client Authentication, E-mail Protection, 1.3.6.1.4.1.311.10.3.12

This attestation is based on the template v3.0 as of 2023-02-20, that was approved for use by ACAB-c.

CN=HARICA S/MIME ECC SubCA R2,O=Hellenic Academic and Research Institutions Cert. Authority,L=Athens,C=GR	9CD07290E8BEDD99CF7397F94CB012B22EEC13DA52ED94F3017A2EA4146EA98D	[Technically-constrained non-TLS CA]	TLS Web Client Authentication, E-mail Protection
CN=HARICA SSL ECC SubCA R2,O=Hellenic Academic and Research Institutions Cert. Authority,L=Athens,C=GR	11D5EF460DAB3582B742123127127D54040FB1C206E26F025CB58458F225111A	ETSI EN 319 411-1: DVCP, OVCP, IVCP; ETSI EN 319 411-2: QNCP-w; ETSI TS 119 495: QCP-w-psd2	TLS Web Client Authentication, TLS Web Server Authentication
CN=HARICA Administration SSL ECC SubCA R2,O=Hellenic Academic and Research Institutions Cert. Authority,L=Athens,C=GR	3E1479804765A62BB7BD4F0DDEBB55A946A2063CD2882F05461B1754F1B667B1	ETSI EN 319 411-1: DVCP, OVCP, IVCP	TLS Web Client Authentication, TLS Web Server Authentication
CN=HARICA EV Code Signing ECC SubCA R1,O=Hellenic Academic and Research Institutions CA,L=Athens,C=GR	523EC59EC9E637E635F8BE2954D56D7624371B10BAEC6D123C11D84BFD7D5261	[Technically-constrained non-TLS CA]	Code Signing
CN=HARICA EV TLS ECC SubCA R1,O=Hellenic Academic and Research Institutions CA,L=Athens,C=GR	701EB23F95564CD5569CD20E5F05C2888900BAE9BA03ABF5ABE57BFE04B54A60	ETSI EN 319 411-1: DVCP, OVCP, IVCP	TLS Web Client Authentication, TLS Web Server Authentication
CN=HARICA QWAC ECC SubCA R1,OU=Hellenic Academic and Research Institutions CA,organizationIdentifier=VATGR-099028220,O=Greek Universities Network (GUnet),L=Athens,C=GR	BA0312F7B72F6B64B4CCEE34B5F628CF65A1F3B9F16B8DFE7ADA90C54E475A1C	ETSI EN 319 411-1: DVCP, OVCP, IVCP; ETSI EN 319 411-2: QNCP-w; ETSI TS 119 495: QCP-w-psd2	TLS Web Client Authentication, TLS Web Server Authentication

This attestation is based on the template v3.0 as of 2023-02-20, that was approved for use by ACAB-c.

CN=HARICA Administration Client ECC SubCA R3,OU=Hellenic Academic and Research Institutions CA,organizationIdentifier=VATGR-099028220,O=Greek Universities Network (GUnet),C=GR	978011D478E7BC4C3BCBB2F2659759278AA41A17F53F0AED132726281CE34BAF	[Technically-constrained non-TLS CA]	TLS Web Client Authentication, E-mail Protection, 1.3.6.1.4.1.311.10.3.12
CN=HARICA TLS ECC Root CA 2021,O=Hellenic Academic and Research Institutions CA,C=GR	50E27F90EB6AF495B0E6EEB655CC89444C27D3C95B6823FA02ABDC95F1636AE1	[Cross-Certificate]	TLS Web Client Authentication, TLS Web Server Authentication
CN=HARICA Institutional TLS ECC,O=Hellenic Academic and Research Institutions CA,C=GR	B67E4E92286E168A916F3DBCADC3F0B83DBC0ADBE43F995C1FAAD316DDEC75D8	ETSI EN 319 411-1: DVCP, OVCP, IVCP	TLS Web Client Authentication, TLS Web Server Authentication
CN=HARICA Code Signing ECC 2,O=Hellenic Academic and Research Institutions CA,C=GR	F2CB382030F2910E8D5E4D1BA98992AFA7635BFECB5F76BEF53FD822ED691F0E	[Technically-constrained non-TLS CA]	Code Signing
CN=HARICA Code Signing ECC Root CA 2021,O=Hellenic Academic and Research Institutions CA,C=GR	AC70544B35F91FB5CAD41698ABDD6825FCDEBDF6E082100190B8F1F437F92195	[Cross-Certificate]	Code Signing

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

This attestation is based on the template v3.0 as of 2023-02-20, that was approved for use by ACAB-c.

Root 4: HARICA TLS RSA Root CA 2021

Standards considered:	European Standards: ☒ ETSI TS 119 495 V1.5.1 (2021-04) ☒ 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) CA Browser Forum Requirements: ☒ Baseline Requirements for the Issuance and Management of Publicly-Trusted Certificates, version 1.8.7 For the Trust Service Provider Conformity Assessment: ☒ ETSI EN 319 403-1 V2.3.1 (2020-06) ☒ ETSI TS 119 403-2 V1.2.4 (2020-11)

The audit was based on the following policy and practice statement documents of the CA / TSP:

1. [CP/CPS] Certificate Policy/ Certification Practice Statement, version 4.6, dated 2022-10-17

2. [CP/CPS] Certificate Policy/ Certification Practice Statement, version 4.5, dated 2022-03-23

No major or minor 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.

This attestation is based on the template v3.0 as of 2023-02-20, that was approved for use by ACAB-c.

page 25 of 35

Distinguished Name	SHA-256 fingerprint	Applied policy and OID
CN=HARICA TLS RSA Root CA 2021,O=Hellenic Academic and Research Institutions CA,C=GR	D95D0E8EDA79525BF9BEB11B14D2100D3294985F0C62D9FABD9CD999ECCB7B1D	ETSI EN 319 411-1: DVCP, OVCP, IVCP; ETSI EN 319 411-2: QNCP-w; ETSI TS 119 495: QCP-w-psd2

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
CN=HARICA DV TLS RSA,O=Hellenic Academic and Research Institutions CA,C=GR	28101EE3CD2FF6F225FBF0EDE94AB50D6762AFDBAB964F7C9D3CCF7F02EE9838	ETSI EN 319 411-1: DVCP, OVCP, IVCP; ETSI EN 319 411-2: QNCP-w; ETSI TS 119 495: QCP-w-psd2	TLS Web Client Authentication, TLS Web Server Authentication
CN=HARICA EV TLS RSA,O=Hellenic Academic and Research Institutions CA,C=GR	CA623354A31C7878815E0D901FA47E30D10A61F6945D3CBEFC4757F447FA8AEA	ETSI EN 319 411-1: DVCP, OVCP, IVCP; ETSI EN 319 411-2: QNCP-w; ETSI TS 119 495: QCP-w-psd2	TLS Web Client Authentication, TLS Web Server Authentication
CN=HARICA IV TLS RSA,O=Hellenic Academic and Research Institutions CA,C=GR	1DF929D90B3AD4EF94D36402F483462E8CB678495C687022423545B19E2F0615	ETSI EN 319 411-1: DVCP, OVCP, IVCP; ETSI EN 319 411-2: QNCP-w; ETSI TS 119 495: QCP-w-psd2	TLS Web Client Authentication, TLS Web Server Authentication

CN=HARICA OV TLS RSA,O=Hellenic Academic and Research Institutions CA,C=GR	9FBD886945FB6CB63EEBF11077DAC980E45368D2458BA5EF0A8D727046FCD292	ETSI EN 319 411-1: DVCP, OVCP, IVCP; ETSI EN 319 411-2: QNCP-w; ETSI TS 119 495: QCP-w-psd2	TLS Web Client Authentication, TLS Web Server Authentication
CN=HARICA EV TLS RSA 2,O=Hellenic Academic and Research Institutions CA,C=GR	75E328643BFE7642DD840E3169F942C66BF04919D8A7FB0AF96602612003C3E3	ETSI EN 319 411-1: DVCP, OVCP, IVCP; ETSI EN 319 411-2: QNCP-w; ETSI TS 119 495: QCP-w-psd2	TLS Web Client Authentication, TLS Web Server Authentication
CN=HARICA Institutional TLS RSA 2,O=Hellenic Academic and Research Institutions CA,C=GR	3DC08077F76064634D6EDE29B438D1287A797D9276DA1B7147D1EB80E235EB47	ETSI EN 319 411-1: DVCP, OVCP, IVCP; ETSI EN 319 411-2: QNCP-w; ETSI TS 119 495: QCP-w-psd2	TLS Web Client Authentication, TLS Web Server Authentication

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

This attestation is based on the template v3.0 as of 2023-02-20, that was approved for use by ACAB-c.

Root 5: HARICA Qualified RSA Root CA 2021

Standards considered:	European Standards: ☒ ETSI TS 119 495 V1.5.1 (2021-04) ☒ 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: ☒ ETSI EN 319 403-1 V2.3.1 (2020-06) ☒ ETSI TS 119 403-2 V1.2.4 (2020-11)

The audit was based on the following policy and practice statement documents of the CA / TSP:

1. [CP/CPS] Certificate Policy/ Certification Practice Statement, version 4.6, dated 2022-10-17

2. [CP/CPS] Certificate Policy/ Certification Practice Statement, version 4.5, dated 2022-03-23

No major or minor 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.

This attestation is based on the template v3.0 as of 2023-02-20, that was approved for use by ACAB-c.

Distinguished Name	SHA-256 fingerprint	Applied policy and OID
C=GR, O=Greek Universities Network (GUnet), OU=Hellenic Academic and Research Institutions CA, organizationIdentifier=VATGR-099028220, CN=HARICA Qualified RSA Root CA 2021	DC73BCAA133E4AC2E72A3971A35DA701A30794F91A439110AE377CC097AA9EC5	ETSI EN 319 411-1: DVCP, OVCP, IVCP; ETSI EN 319 411-2: QNCP-w; ETSI TS 119 495: QCP-w-psd2

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
CN=HARICA Qualified Web Authentication Certificates RSA,OU=Hellenic Academic and Research Institutions CA,organizationIdentifier=VATGR-099028220,O=Greek Universities Network (GUnet),C=GR	9A8FD69BF4F5DAD68DEDF9B732264DF3644D2E2D1FBD463F726CC77087636B71	ETSI EN 319 411-1: DVCP, OVCP, IVCP; ETSI EN 319 411-2: QNCP-w; ETSI TS 119 495: QCP-w-psd2	TLS Web Client Authentication, TLS Web Server Authentication

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

This attestation is based on the template v3.0 as of 2023-02-20, that was approved for use by ACAB-c.

Root 6: HARICA TLS ECC Root CA 2021

Standards considered:	European Standards: ☒ ETSI TS 119 495 V1.5.1 (2021-04) ☒ 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) CA Browser Forum Requirements: ☒ Baseline Requirements for the Issuance and Management of Publicly-Trusted Certificates, version 1.8.7 For the Trust Service Provider Conformity Assessment: ☒ ETSI EN 319 403-1 V2.3.1 (2020-06) ☒ ETSI TS 119 403-2 V1.2.4 (2020-11)

The audit was based on the following policy and practice statement documents of the CA / TSP:

1. [CP/CPS] Certificate Policy/ Certification Practice Statement, version 4.6, dated 2022-10-17

2. [CP/CPS] Certificate Policy/ Certification Practice Statement, version 4.5, dated 2022-03-23

No major or minor 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.

This attestation is based on the template v3.0 as of 2023-02-20, that was approved for use by ACAB-c.

Distinguished Name	SHA-256 fingerprint	Applied policy and OID
C=GR, O=Hellenic Academic and Research Institutions CA, CN=HARICA TLS ECC Root CA 2021	3F99CC474ACFCE4DFED58794665E478D1547739F2E780F1BB4CA9B133097D401	ETSI EN 319 411-1: DVCP, OVCP, IVCP; ETSI EN 319 411-2: QNCP-w; ETSI TS 119 495: QCP-w-psd2

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
CN=HARICA DV TLS ECC,O=Hellenic Academic and Research Institutions CA,C=GR	392377A719E3E65A40D8651B92361DB95320B39CA361072A3A3CF42C66E00DBC	ETSI EN 319 411-1: DVCP, OVCP, IVCP; ETSI EN 319 411-2: QNCP-w; ETSI TS 119 495: QCP-w-psd2	TLS Web Client Authentication, TLS Web Server Authentication
CN=HARICA EV TLS ECC,O=Hellenic Academic and Research Institutions CA,C=GR	223ADE0E45CCC4BECB255DB009DF1E239AA5D71B17CF3DB0A582C292C25ECC52	ETSI EN 319 411-1: DVCP, OVCP, IVCP; ETSI EN 319 411-2: QNCP-w; ETSI TS 119 495: QCP-w-psd2	TLS Web Client Authentication, TLS Web Server Authentication
CN=HARICA IV TLS ECC,O=Hellenic Academic and Research Institutions CA,C=GR	2D923F67980DA53AAD5E5E6A61BAAD9FC645DD208D76C51C8EDA5C73870A8F95	ETSI EN 319 411-1: DVCP, OVCP, IVCP; ETSI EN 319 411-2: QNCP-w; ETSI TS 119 495: QCP-w-psd2	TLS Web Client Authentication, TLS Web Server Authentication

This attestation is based on the template v3.0 as of 2023-02-20, that was approved for use by ACAB-c.

CN=HARICA OV TLS ECC,O=Hellenic Academic and Research Institutions CA,C=GR	3293500CAA507B1E920A441F277BADCBB75002CAEC6282D23A3578F7817D2380	ETSI EN 319 411-1: DVCP, OVCP, IVCP; ETSI EN 319 411-2: QNCP-w; ETSI TS 119 495: QCP-w-psd2	TLS Web Client Authentication, TLS Web Server Authentication
CN=HARICA EV TLS ECC 2,O=Hellenic Academic and Research Institutions CA,C=GR	7CFE34378E73069F3A6813BEC89A0E47693C21AE26A3760D50CDF4D05E40D1F3	ETSI EN 319 411-1: DVCP, OVCP, IVCP; ETSI EN 319 411-2: QNCP-w; ETSI TS 119 495: QCP-w-psd2	TLS Web Client Authentication, TLS Web Server Authentication
CN=HARICA Institutional TLS ECC 2,O=Hellenic Academic and Research Institutions CA,C=GR	94802F1B0DB27426293B12C8775880EFF0345E6620079F714A7513E1946579C3	ETSI EN 319 411-1: DVCP, OVCP, IVCP; ETSI EN 319 411-2: QNCP-w; ETSI TS 119 495: QCP-w-psd2	TLS Web Client Authentication, TLS Web Server Authentication

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

This attestation is based on the template v3.0 as of 2023-02-20, that was approved for use by ACAB-c.

Page 32 of 35

Root 7: HARICA Qualified ECC Root CA 2021

Standards considered:	European Standards: ☒ ETSI TS 119 495 V1.5.1 (2021-04) ☒ 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: ☒ ETSI EN 319 403-1 V2.3.1 (2020-06) ☒ ETSI TS 119 403-2 V1.2.4 (2020-11)

The audit was based on the following policy and practice statement documents of the CA / TSP:

1. [CP/CPS] Certificate Policy/ Certification Practice Statement, version 4.6, dated 2022-10-17

2. [CP/CPS] Certificate Policy/ Certification Practice Statement, version 4.5, dated 2022-03-23

No major or minor 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.

This attestation is based on the template v3.0 as of 2023-02-20, that was approved for use by ACAB-c.

page 33 of 35

Distinguished Name	SHA-256 fingerprint	Applied policy and OID
C=GR, O=Greek Universities Network (GUnet), OU=Hellenic Academic and Research Institutions CA, organizationIdentifier=VATGR-099028220, CN=HARICA Qualified ECC Root CA 2021	AC1CC116B03545F6D3E62CE32043198F527AB9E6E4F19FCCAA1D2F50C6438B0C	ETSI EN 319 411-1: DVCP, OVCP, IVCP; ETSI EN 319 411-2: QNCP-w; ETSI TS 119 495: QCP-w-psd2

Table 13: 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
CN=HARICA Qualified Web Authentication Certificates ECC,OU=Hellenic Academic and Research Institutions CA,organizationIdentifier=VATGR-099028220,O=Greek Universities Network (GUnet),C=GR	3572CC46440D3F79056CD041F3BBE358292965043B4CE52DBB9EAF9D96278307	ETSI EN 319 411-1: DVCP, OVCP, IVCP; ETSI EN 319 411-2: QNCP-w; ETSI TS 119 495: QCP-w-psd2	TLS Web Client Authentication, TLS Web Server Authentication

Table 14: Sub-CAs issued by the Root-CA or its Sub-CAs in scope of the audit

This attestation is based on the template v3.0 as of 2023-02-20, that was approved for use by ACAB-c.

Modifications record

Version	Issuing Date	Changes
Version 1	2023-06-29	Initial attestation

End of the audit attestation letter.

This attestation is based on the template v3.0 as of 2023-02-20, that was approved for use by ACAB-c.

page 35 of 35