



Audit Attestation for Hellenic Academic & Research Institutions Certification Authority (“HARICA”)

Reference: No. 150621-02-AL

Thessaloniki, 2021-06-15

To whom it may concern,

This is to confirm that QMSCERT 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 “150621-02-AL” and consists of 22 pages.

Kindly find here below the details accordingly.

In case of any question, please contact:

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With best regards,

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<p>Identification of the conformity assessment body (CAB) and assessment organization:</p>	<ul style="list-style-type: none"> • QMSCERT 26th October Str., 90 546 27 Thessaloniki Greece • Registered under n° 042094606000 • Accredited by ACCREDIA under registration 272B¹ for the certification of trust services according to “EN ISO/IEC 17065:2013” and “ETSI EN 319 403 V2.2.2 (2015-08)”. • Insurance Carrier: AIG Europe S.A., Policy No. P2301004773 • Third-party affiliate audit firms involved in the audit: None.
<p>Identification and qualification of the audit team:</p>	<ul style="list-style-type: none"> • 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: <ol style="list-style-type: none"> 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. <p>Furthermore, all team members have language skills appropriate for all organizational levels within the CA/TSP organization; note-taking, report-writing, presentation, and</p>

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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_ORG_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

	<p>interviewing skills; and relevant personal attributes: objective, mature, discerning, analytical, persistent and realistic.</p> <ul style="list-style-type: none"> • 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: <ol style="list-style-type: none"> 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 <ol 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.
<p>Identification and qualification of the reviewer performing</p>	<ul style="list-style-type: none"> • Number of Reviewers/Audit Quality Managers involved independent from the audit team: One (1)

audit quality management:	<ul style="list-style-type: none">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 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
Audit type:	Period of Time (full audit)
Audit period covered for all policies:	2020-03-30 to 2021-03-29
Audit dates:	2021-03-22 to 2021-03-24 (remote) 2021-03-23 (on site)
Audit locations:	MR1, Thessaloniki, Greece (operations) MR4, Thessaloniki, Greece (disaster recovery)

Identification of the audited Root-CA:	Hellenic Academic and Research Institutions RootCA 2015	
	Distinguished Name	C=GR/L=Athens/O=Hellenic Academic and Research Institutions Cert. Authority/CN=Hellenic Academic and Research Institutions RootCA 2015
	SHA-256 fingerprint	A040929A02CE53B4ACF4F2FFC6981CE4496F755E6D45FE0B2A692BCD52523F36
	Certificate Serial number	0
	Applied policy	ETSI EN 319 411-1 V1.2.2: LCP, NCP, NCP+, DVCP, OVCP, IVCP, EVCP ETSI EN 319 411-2 V2.2.2: QCP-I, QCP-I-qscd, QCP-n, QCP-n-qscd, QCP-w ETSI TS 119 495 V1.4.1: QCP-w-psd2 ETSI EN 319 421 V1.1.1: BTSP
	Technical constraints	-

The audit was performed according to the European Standards “ETSI TS 119 495 V1.4.1 (2019-11)”, “ETSI EN 319 421 V1.1.1 (2016-03)”, “ETSI EN 319 411-2, V2.2.2 (2018-04)”, “ETSI EN 319 411-1, V1.2.2 (2018-04)” and “ETSI EN 319 401, V2.2.1 (2018-04)” as well as CA Browser Forum Requirements “EV SSL Certificate Guidelines, version 1.7.4”, “Baseline Requirements for the Issuance and Management of Publicly-Trusted Certificates, version 1.7.3” and “Baseline Requirements for the Issuance and Management of Code Signing Certificates, version 2.1”, considering the requirements of the “ETSI EN 319 403-1 V2.3.1 (2020-06)” and “ETSI TS 119 403-2 V1.2.4 (2020-11)” for the Trust Service Provider Conformity Assessment.

The full annual audit was based on the following policy and practice statement documents of the TSP:

1. [\[CP/CPS\]](#) Certificate Policy/ Certification Practice Statement, version 4.3, dated 2021-02-18²

No major or minor non-conformities have been identified during the audit.

This Audit Attestation also covers the following incidents as documented under

- Bug 1649945, HARICA: Incorrect OCSP Delegated Responder Certificate: https://bugzilla.mozilla.org/show_bug.cgi?id=1649945
- Bug 1651465, HARICA: Delayed revocation for non-BR-compliant CA Certificates within 7 days: https://bugzilla.mozilla.org/show_bug.cgi?id=1651465
- Bug 1699796, HARICA: Certificates with invalid policy tree: https://bugzilla.mozilla.org/show_bug.cgi?id=1699796

The remediation measures taken by HARICA as described on Bugzilla (see links above) have been checked by the auditors and properly addressed the incidents. The long-term effectiveness of the measures will be rechecked at the next regular audit.

The Sub-CAs that have been issued by the aforementioned Root-CA and that have been covered by this audit are listed in table 1 below. The TSP assured that all non-revoked Sub-CAs that are technically capable of issuing client and server authentication, code signing, time-stamping, document signing or email protection certificates and that have been issued by this Root-CA are in the scope of regular audits.

² Other policy and practice statement documents of the TSP within the scope of the audit:

1. [\[CP/CPS\]](#) Certificate Policy/ Certification Practice Statement, version 4.2, dated 2020-09-30
2. [\[CP/CPS\]](#) Certificate Policy/ Certification Practice Statement, version 4.1, dated 2020-08-11
3. [\[CP/CPS\]](#) Certificate Policy/ Certification Practice Statement, version 4.0, dated 2020-03-31

Distinguished Name	SHA-256 fingerprint	Applied policy 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: NCP, NCP+, DVCP, OVCP, IVCP, EVCP	
CN=Hellenic Academic and Research Institutions Code Signing CA R1,O=Hellenic Academic and Research Institutions Cert. Authority,L=Athens,C=GR	68494D765B5E71404F56D06A1A853A27C369B96B7D405EED9BD79E0FC308EB0F	ETSI EN 319 411-1: NCP, NCP+, OVCP, EVCP	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	ETSI EN 319 421: BTSP	Time Stamping
CN=ACER Client RSA SubCA R2,O=Agency for the Cooperation of Energy Regulators,L=Ljubljana,C=SI	EB9DCA726590EB81299EE224807041D97AAF97CF9425A8D146D682B502871EA5	ETSI EN 319 411-1: LCP, NCP, NCP+	TLS Web Client Authentication
CN=HARICA S/MIME RSA SubCA R2,O=Hellenic Academic and Research Institutions Cert. Authority,L=Athens,C=GR	5C97E0FD1EBD6E136A71626F860AB5D65B797E7ED3C1C1BF4E653822375A4644	ETSI EN 319 411-1: LCP, NCP, NCP+	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	ETSI EN 319 411-1: LCP, NCP, NCP+	TLS Web Client Authentication
CN=Greek Federation of Judicial Officers Client SubCA R1,O=Greek Federation of Judicial Officers,L=Athens,C=GR (REVOKED AT 2020-09-03)	2D819AF397E289DC41709C4AAF6DA3B1904749C37A995860745803716D7D5690	ETSI EN 319 411-2: QCP-n, QCP-n-qscd, QCP-l, QCP-l-qscd	TLS Web Client Authentication, E-mail Protection, 1.3.6.1.4.1.311.10.3.12, OCSP Signing

CN=GRnet Client RSA SubCA R1,O=Greek Research and Technology Network,L=Athens,C=GR (REVOKED AT 2020-09-03)	A1A04E4CFC56FD1917EB481FC46629A2E46656756FA08E22487F54B64E1CA3E7	ETSI EN 319 411-1: NCP, NCP+; ETSI EN 319 411-2: QCP-n-qscd, QCP-n, QCP-l-qscd, QCP-l	TLS Web Client Authentication, E-mail Protection, 1.3.6.1.4.1.311.10.3.12, OCSP Signing
CN=HARICA Qualified Legal Entities SubCA R2,O=Hellenic Academic and Research Institutions Cert. Authority,L=Athens,C=GR	CDF27EEA0C3A5512369108FD74635D2D4CF50E94D6CA199BED7DE81B0D09A336	ETSI EN 319 411-2: QCP-l-qscd, QCP-l	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	ETSI EN 319 411-2: QCP-n-qscd, QCP-n	TLS Web Client Authentication, E-mail Protection, 1.3.6.1.4.1.311.10.3.12
CN=Aristotle University of Thessaloniki Client RSA SubCA R1,O=Aristotle University of Thessaloniki,L=Thessaloniki,C=GR (REVOKED AT 2020-09-03)	663FDE94F8836A1FEBD83BE8310979312D65FF8C1B716394E68F41D82396C1F8	ETSI EN 319 411-1: NCP, NCP+; ETSI EN 319 411-2: QCP-n-qscd, QCP-n, QCP-l-qscd, QCP-l	TLS Web Client Authentication, E-mail Protection, 1.3.6.1.4.1.311.10.3.12, OCSP Signing
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, EVCP	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, EVCP	TLS Web Client Authentication, TLS Web Server Authentication

This attestation is based on the template v2.8 as of 2021-04-22, that was approved for use by ACAB-c.

CN=Ecclesiastical Academy of Vella SSL RSA SubCA R2,O=University Ecclesiastical Academy of Vella of Ioannina,L=Ioannina,C=GR	CDF27AFA3DAF9F706AA7AC530298337E520C8B10A22F6514E00E21FD2873B79	ETSI EN 319 411-1: DVCP, OVCP, IVCP, EVCP	TLS Web Client Authentication, TLS Web Server Authentication
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, EVCP	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, EVCP; ETSI EN 319 411-2: QCP-w	TLS Web Client Authentication, TLS Web Server Authentication
CN=Academy of Athens Client SubCA R2,O=Academy of Athens,L=Athens,C=GR (REVOKED AT 2020-09-03)	BE6863CB0D3BB57314EE4B627FB346E8CD20581DE17FE0782AFB438EF034AC0B	ETSI EN 319 411-1: NCP, NCP+; ETSI EN 319 411-2: QCP-n-qscd, QCP-n	TLS Web Client Authentication, E-mail Protection, 1.3.6.1.4.1.311.10.3.12, OCSP Signing
CN=Aristotle University of Thessaloniki Client RSA SubCA R2,O=Aristotle University of Thessaloniki,L=Thessaloniki,C=GR (REVOKED AT 2020-11-02)	48395F71CC26F64274BD06C7EB1591F9D4EC62B64FA6C16531F3CB72C2469D82	ETSI EN 319 411-1: NCP, NCP+; ETSI EN 319 411-2: QCP-n-qscd, QCP-n	TLS Web Client Authentication, E-mail Protection, 1.3.6.1.4.1.311.10.3.12, OCSP Signing
CN=Ecclesiastical Academy of Vella Client RSA SubCA R2,O=University Ecclesiastical Academy of Vella of Ioannina,L=Ioannina,C=GR (REVOKED AT 2020-09-03)	77BBABD8E1C2AA51AFCE71D6AD940E219647B9320245C4BBBD6B31DD28E1F32C	ETSI EN 319 411-1: NCP, NCP+; ETSI EN 319 411-2: QCP-n-qscd, QCP-n	TLS Web Client Authentication, E-mail Protection, 1.3.6.1.4.1.311.10.3.12, OCSP Signing

This attestation is based on the template v2.8 as of 2021-04-22, that was approved for use by ACAB-c.

CN=HARICA Qualified Legal Entities SubCA R3,O=Hellenic Academic and Research Institutions Cert. Authority,L=Athens,C=GR	C6CB08B5D6DFE461AECE9AA3CF03AF7FED1341C9E6EE0052129C27CA754933F2	ETSI EN 319 411-2: QCP-l-qscd, QCP-l	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	ETSI EN 319 411-2: QCP-n-qscd, QCP-n	TLS Web Client Authentication, E-mail Protection, 1.3.6.1.4.1.311.10.3.12
CN=GRnet Client RSA SubCA R2,O=Greek Research and Technology Network,L=Athens,C=GR (REVOKED AT 2020-11-02)	1CC3F7B1368F476010DBB254B3970B859C94524C6B62EBCE946C8AE63939E68F	ETSI EN 319 411-1: NCP, NCP+; ETSI EN 319 411-2: QCP-n-qscd, QCP-n	TLS Web Client Authentication, E-mail Protection, 1.3.6.1.4.1.311.10.3.12, OCSP Signing
CN=Greek Federation of Judicial Officers Client SubCA R2,O=Greek Federation of Judicial Officers,L=Athens,C=GR (REVOKED AT 2020-11-02)	0EF3960A0811490F4D53E33FAFC41F5C94EEB1667A1A2CC96BF3F29D619CAF88	ETSI EN 319 411-2: QCP-n-qscd	TLS Web Client Authentication, E-mail Protection, 1.3.6.1.4.1.311.10.3.12, OCSP Signing
CN=HARICA S/MIME RSA SubCA R3,O=Hellenic Academic and Research Institutions Cert. Authority,L=Athens,C=GR	593C4AB6066CDF6185067F562677FDDFF533656DB4BD2D577735301704150218	ETSI EN 319 411-1: LCP, NCP, NCP+	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, EVCP	TLS Web Client Authentication, TLS Web Server Authentication

CN=GRNET Client RSA SubCA R3,O=National Infrastructures for Research and Technology,L=Athens,C=GR (REVOKED AT 2020-09-03)	F808656236725B566F0721C518158A6756C96903CB71EB48DDDA8EDDFEA0F26C	ETSI EN 319 411-1: NCP, NCP+; ETSI EN 319 411-2: QCP-n-qscd, QCP-n	TLS Web Client Authentication, E-mail Protection, 1.3.6.1.4.1.311.10.3.12, OCSP Signing
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, EVCP	TLS Web Client Authentication, TLS Web Server Authentication
CN=International Hellenic University Client RSA SubCA R1,OU=Hellenic Academic and Research Institutions CA,organizationIdentifier=VATGR-099028220,O=Greek Universities Network (GUnet),C=GR (REVOKED AT 2020-11-02)	4E78271768494088ED1F9BB2712531AB5D138C6C59B46650D285B35858E67B13	ETSI EN 319 411-1: NCP, NCP+; ETSI EN 319 411-2: QCP-n-qscd, QCP-n	TLS Web Client Authentication, E-mail Protection, 1.3.6.1.4.1.311.10.3.12, OCSP Signing
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, EVCP	TLS Web Client Authentication, TLS Web Server Authentication
CN=University of Ioannina Client RSA SubCA R1,OU=Hellenic Academic and Research Institutions CA,organizationIdentifier=VATGR-099028220,O=Greek Universities Network (GUnet),C=GR (REVOKED AT 2020-11-02)	42A21F37285804F2E736075CB54874368CF0E2110088B3F138412EEC88590954	ETSI EN 319 411-1: NCP, NCP+; ETSI EN 319 411-2: QCP-n-qscd, QCP-n	TLS Web Client Authentication, E-mail Protection, 1.3.6.1.4.1.311.10.3.12, OCSP Signing
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, EVCP	TLS Web Client Authentication, TLS Web Server Authentication

This attestation is based on the template v2.8 as of 2021-04-22, that was approved for use by ACAB-c.

<p>CN=University of Patras Client RSA SubCA R1,OU=Hellenic Academic and Research Institutions CA,organizationIdentifier=VATGR-099028220,O=Greek Universities Network (GUnet),C=GR</p> <p>(REVOKED AT 2020-11-02)</p>	46716EBF6A22AEA1DF1F97E62A5EF7095127CE4550B6242EBA6907AFC5C482CF	ETSI EN 319 411-1: NCP, NCP+; ETSI EN 319 411-2: QCP-n-qscd, QCP-n	TLS Web Client Authentication, E-mail Protection, 1.3.6.1.4.1.311.10.3.12, OCSP Signing
<p>CN=National Technical University of Athens TLS RSA SubCA R1,O=Hellenic Academic and Research Institutions CA,C=GR</p>	1E8F051F2226F992D17B7CF17F0DECE0AA769902E9FE8D11F35B19B18A5A14F1	ETSI EN 319 411-1: DVCP, OVCP, IVCP, EVCP	TLS Web Client Authentication, TLS Web Server Authentication
<p>CN=National Technical University of Athens Client RSA SubCA R1,OU=Hellenic Academic and Research Institutions CA,organizationIdentifier=VATGR-099028220,O=Greek Universities Network (GUnet),C=GR</p> <p>(REVOKED AT 2020-09-03)</p>	887D7F1DEB7F0712C85AFABF50CADF89BF02EB13E552CBF52D7B5DF3F21DB0DA	ETSI EN 319 411-1: NCP, NCP+; ETSI EN 319 411-2: QCP-n-qscd, QCP-n	TLS Web Client Authentication, E-mail Protection, 1.3.6.1.4.1.311.10.3.12, OCSP Signing
<p>CN=University of the Aegean TLS RSA SubCA R1,O=Hellenic Academic and Research Institutions CA,C=GR</p>	7E2C537397E7B8D9B24D87F304C96EA057A407CE11D0B66D99BA4B8A22BB1167	ETSI EN 319 411-1: DVCP, OVCP, IVCP, EVCP	TLS Web Client Authentication, TLS Web Server Authentication
<p>CN=University of the Aegean Client RSA SubCA R1,OU=Hellenic Academic and Research Institutions CA,organizationIdentifier=VATGR-099028220,O=Greek Universities Network (GUnet),C=GR</p> <p>(REVOKED AT 2020-11-02)</p>	55B80DEF607F88E31C584067D09D43344D94117BAF648365847B1CE5B67677C9	ETSI EN 319 411-1: NCP, NCP+; ETSI EN 319 411-2: QCP-n-qscd, QCP-n	TLS Web Client Authentication, E-mail Protection, 1.3.6.1.4.1.311.10.3.12, OCSP Signing

<p>CN=Ionian University Client RSA SubCA R2,OU=Hellenic Academic and Research Institutions CA,organizationIdentifier=VATGR-099028220,O=Greek Universities Network (GUnet),C=GR</p> <p>(REVOKED AT 2020-11-02)</p>	FC3A98938E2ED3BD36E0D41F18517649322906B2E6B33690891325AAECD19644	ETSI EN 319 411-1: NCP, NCP+; ETSI EN 319 411-2: QCP-n-qscd, QCP-n	TLS Web Client Authentication, E-mail Protection, 1.3.6.1.4.1.311.10.3.12, OCSP Signing
<p>CN=Aristotle University of Thessaloniki Client RSA SubCA R3,OU=Hellenic Academic and Research Institutions CA,organizationIdentifier=VATGR-099028220,O=Greek Universities Network (GUnet),C=GR</p> <p>(REVOKED AT 2020-11-02)</p>	523575047371BBA88263E5AB5DED8F6B0695C5D2A192A6DD11406C476BA3C72F	ETSI EN 319 411-1: NCP, NCP+; ETSI EN 319 411-2: QCP-n-qscd, QCP-n	TLS Web Client Authentication, E-mail Protection, 1.3.6.1.4.1.311.10.3.12, OCSP Signing
<p>CN=Greek Federation of Judicial Officers Client RSA SubCA R3,OU=Hellenic Academic and Research Institutions CA,organizationIdentifier=VATGR-099028220,O=Greek Universities Network (GUnet),C=GR</p> <p>(REVOKED AT 2020-11-02)</p>	2A508A5FE6173C4E8F0126694A1A6A71D9000451FA31DB033B8705890441ECC5	ETSI EN 319 411-2: QCP-n-qscd	TLS Web Client Authentication, E-mail Protection, 1.3.6.1.4.1.311.10.3.12, OCSP Signing
<p>CN=Academy of Athens Client RSA SubCA R3,OU=Hellenic Academic and Research Institutions CA,organizationIdentifier=VATGR-099028220,O=Greek Universities Network (GUnet),C=GR</p> <p>(REVOKED AT 2020-09-03)</p>	FD2F33248F3964564687980235A5F0BCB3AB562E47F404F742E53342C5375280	ETSI EN 319 411-1: NCP, NCP+; ETSI EN 319 411-2: QCP-n-qscd, QCP-n	TLS Web Client Authentication, E-mail Protection, 1.3.6.1.4.1.311.10.3.12, OCSP Signing
<p>CN=GRNET Client RSA SubCA R4,OU=Hellenic Academic and Research Institutions CA,organizationIdentifier=VATGR-099028220,O=Greek Universities Network (GUnet),C=GR</p> <p>(REVOKED AT 2020-11-02)</p>	538A45AAF9003D4D3988BBFCF9F859B325CE5F775DC0601205058517F9BC15E5	ETSI EN 319 411-1: NCP, NCP+; ETSI EN 319 411-2: QCP-n-qscd, QCP-n	TLS Web Client Authentication, E-mail Protection, 1.3.6.1.4.1.311.10.3.12, OCSP Signing

CN=Ecclesiastical Academy of Vella of Ioannina Client RSA SubCA R3,OU=Hellenic Academic and Research Institutions CA,organizationIdentifier=VATGR-099028220,O=Greek Universities Network (GUnet),C=GR (REVOKED AT 2020-09-03)	E74AD44B0D56EEBE39BB185C52AB9BEFE4F75899B6A81416E9103D5C29BF27FB	ETSI EN 319 411-1: NCP, NCP+; ETSI EN 319 411-2: QCP-n-qscd, QCP-n	TLS Web Client Authentication, E-mail Protection, 1.3.6.1.4.1.311.10.3.12, OCSP Signing
CN=HARICA EV Code Signing RSA SubCA R1,O=Hellenic Academic and Research Institutions CA,L=Athens,C=GR	0324BF1DE988B39D2A86F6A217B21940D631EFB746898E838C49120DA63749AC	ETSI EN 319 411-1: NCP+, EVCP	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: EVCP	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: OVCP, EVCP; ETSI EN 319 411-2: QCP-w, QCP-w-psd2	TLS Web Client Authentication, TLS Web Server Authentication
CN=Athens University of Economics and Business Client RSA SubCA R1,OU=Hellenic Academic and Research Institutions CA,organizationIdentifier=VATGR-099028220,O=Greek Universities Network (GUnet),C=GR (REVOKED AT 2020-11-02)	E77AC02DB6EAA0E9A6B573A99870C6DF4DBDB8339DDA3BC40786F70E2BD7F7F6	ETSI EN 319 411-1: NCP, NCP+	TLS Web Client Authentication, E-mail Protection, 1.3.6.1.4.1.311.10.3.12, OCSP Signing
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, EVCP	TLS Web Client Authentication, TLS Web Server Authentication

CN=CEDEFOP Client RSA SubCA R1,OU=Hellenic Academic and Research Institutions CA,organizationIdentifier=VATGR-099028220,O=Greek Universities Network (GUnet),C=GR (REVOKED AT 2020-11-02)	1E953E15123A95E47044BFAF06B1974FB9976B84F4371EBD77F8AD81EFD05C00	ETSI EN 319 411-1: NCP, NCP+	TLS Web Client Authentication, E-mail Protection, 1.3.6.1.4.1.311.10.3.12, OCSP Signing
CN=CEDEFOP TLS RSA SubCA R1,O=Hellenic Academic and Research Institutions CA,C=GR	44CE97F5C957DD056D44C3E1BDFCEB2CF9A7B428ED089839264336303BCAC7EF	ETSI EN 319 411-1: DVCP, OVCP, IVCP, EVCP	TLS Web Client Authentication, TLS Web Server Authentication
CN=Democritus University of Thrace Client RSA SubCA R1,OU=Hellenic Academic and Research Institutions CA,organizationIdentifier=VATGR-099028220,O=Greek Universities Network (GUnet),C=GR (REVOKED AT 2020-11-02)	E57BBF5079F98293B4142F348972E68E351E52B90373F05F46F09CCB30AF5BF0	ETSI EN 319 411-1: NCP, NCP+; ETSI EN 319 411-2: QCP-n-qscd, QCP-n	TLS Web Client Authentication, E-mail Protection, 1.3.6.1.4.1.311.10.3.12, OCSP Signing
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, EVCP	TLS Web Client Authentication, TLS Web Server Authentication
CN=Greek Universities Network Client RSA SubCA R1,OU=Hellenic Academic and Research Institutions CA,organizationIdentifier=VATGR-099028220,O=Greek Universities Network (GUnet),C=GR (REVOKED AT 2020-09-03)	BD4420C592A6F7F252AE898124E002F1B9CFE1F2538864D56B34A7B4DFB31FC8	ETSI EN 319 411-1: NCP, NCP+; ETSI EN 319 411-2: QCP-n-qscd, QCP-n	TLS Web Client Authentication, E-mail Protection, 1.3.6.1.4.1.311.10.3.12, OCSP Signing
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, EVCP	TLS Web Client Authentication, TLS Web Server Authentication

This attestation is based on the template v2.8 as of 2021-04-22, that was approved for use by ACAB-c.

<p>CN=HEAL-LINK Hellenic Academic Libraries Link Client RSA SubCA R1,OU=Hellenic Academic and Research Institutions CA,organizationIdentifier=VATGR-099028220,O=Greek Universities Network (GUnet),C=GR</p> <p>(REVOKED AT 2020-09-03)</p>	084ECA70A9B40E4E1563E35776B716E410A972BB27ED51C248C48D3242FA8DAF	ETSI EN 319 411-1: NCP, NCP+	TLS Web Client Authentication, E-mail Protection, 1.3.6.1.4.1.311.10.3.12, OCSP Signing
<p>CN=HEAL-LINK Hellenic Academic Libraries Link TLS RSA SubCA R1,O=Hellenic Academic and Research Institutions CA,C=GR</p>	8C0994B2AED0085FE542813EE03C4B2D732ECDCC257AE6453114C6C875933BD4	ETSI EN 319 411-1: DVCP, OVCP, IVCP, EVCP	TLS Web Client Authentication, TLS Web Server Authentication
<p>CN=Harokopio University Client RSA SubCA R1,OU=Hellenic Academic and Research Institutions CA,organizationIdentifier=VATGR-099028220,O=Greek Universities Network (GUnet),C=GR</p> <p>(REVOKED AT 2020-11-02)</p>	6EC8D3551BD0454B0CC4B9DB876366AE08764C5FCF15B00F9411BDE30D5336AE	ETSI EN 319 411-1: NCP, NCP+; ETSI EN 319 411-2: QCP-n-qscd, QCP-n	TLS Web Client Authentication, E-mail Protection, 1.3.6.1.4.1.311.10.3.12, OCSP Signing
<p>CN=Harokopio University TLS RSA SubCA R1,O=Hellenic Academic and Research Institutions CA,C=GR</p>	BA425122F31D9BAE7CBE1E7FA2FF437ADF283E014333485F7691CB856AEC776A	ETSI EN 319 411-1: DVCP, OVCP, IVCP, EVCP	TLS Web Client Authentication, TLS Web Server Authentication
<p>CN=Inst. of Accelerating Sys and Applications Client RSA SubCA R2,OU=Hellenic Academic and Research Institutions CA,organizationIdentifier=VATGR-099028220,O=Greek Universities Network (GUnet),C=GR</p> <p>(REVOKED AT 2020-09-03)</p>	A8E352DB0C8E27BAE583D015146E8B79DEE091D5638F583A0C442F3BF55DEEB3	ETSI EN 319 411-1: NCP, NCP+	TLS Web Client Authentication, E-mail Protection, 1.3.6.1.4.1.311.10.3.12, OCSP Signing

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, EVCP	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, EVCP	TLS Web Client Authentication, TLS Web Server Authentication
CN=Panteion Univ. of Social and Political Sciences Client SubCA R1,OU=Hellenic Academic and Research Institutions CA,organizationIdentifier=VATGR-099028220,O=Greek Universities Network (GUnet),C=GR (REVOKED AT 2020-11-02)	2D1B244FACEAFAD94755B5E99AABF7AC91C599DA73BFA461EEEBAFB4B969B5C9	ETSI EN 319 411-1: NCP, NCP+; ETSI EN 319 411-2: QCP- n-qscd, QCP-n	TLS Web Client Authentication, E-mail Protection, 1.3.6.1.4.1.311 .10.3.12, OCSP Signing
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, EVCP	TLS Web Client Authentication, TLS Web Server Authentication
CN=Greek School Network Client RSA SubCA R1,OU=Hellenic Academic and Research Institutions CA,organizationIdentifier=VATGR-099028220,O=Greek Universities Network (GUnet),C=GR (REVOKED AT 2020-09-03)	EADC80F7DF630560CC1B353F68EA660159CE966E22D404588780787C0476D0E4	ETSI EN 319 411-1: NCP, NCP+	TLS Web Client Authentication, E-mail Protection, 1.3.6.1.4.1.311 .10.3.12, OCSP Signing
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, EVCP	TLS Web Client Authentication, TLS Web Server Authentication

<p>CN=Technical University of Crete Client RSA SubCA R1,OU=Hellenic Academic and Research Institutions CA,organizationIdentifier=VATGR-099028220,O=Greek Universities Network (GUnet),C=GR</p> <p>(REVOKED AT 2020-11-02)</p>	22E5E6DB5CAE428EDA96AED0564E2B9770ECA2CC025158E37A9DDEEDE31F45E5	ETSI EN 319 411-1: NCP, NCP+; ETSI EN 319 411-2: QCP-n-qscd, QCP-n	TLS Web Client Authentication, E-mail Protection, 1.3.6.1.4.1.311.10.3.12, OCSP Signing
<p>CN=Technical University of Crete TLS RSA SubCA R1,O=Hellenic Academic and Research Institutions CA,C=GR</p>	1AF8B4D49C5A7B6DA536DEA92FDFAF45736205AFCA2DAFFFAECB712DA9C3EBD1	ETSI EN 319 411-1: DVCP, OVCP, IVCP, EVCP	TLS Web Client Authentication, TLS Web Server Authentication
<p>CN=University of Piraeus Client RSA SubCA R1,OU=Hellenic Academic and Research Institutions CA,organizationIdentifier=VATGR-099028220,O=Greek Universities Network (GUnet),C=GR</p> <p>(REVOKED AT 2020-11-02)</p>	BC489C6DC2BDE253F586DA34134D6640B8B583A312089CE10933C4BC03FC5F33	ETSI EN 319 411-1: NCP, NCP+; ETSI EN 319 411-2: QCP-n-qscd, QCP-n	TLS Web Client Authentication, E-mail Protection, 1.3.6.1.4.1.311.10.3.12, OCSP Signing
<p>CN=University of Piraeus TLS RSA SubCA R1,O=Hellenic Academic and Research Institutions CA,C=GR</p>	25EED131D7193597E48D4E36536CC5CFFBF9EB2042C62573AE8968D8A3695F1C	ETSI EN 319 411-1: DVCP, OVCP, IVCP, EVCP	TLS Web Client Authentication, TLS Web Server Authentication
<p>CN=National and Kapodistrian Univ. of Athens Client RSA SubCA R1,OU=Hellenic Academic and Research Institutions CA,organizationIdentifier=VATGR-099028220,O=Greek Universities Network (GUnet),C=GR</p> <p>(REVOKED AT 2020-11-02)</p>	F3D916D1B73201F049EDA7E597FE0A5CCD5711A6958FBC0B7A6F7FA64F7AFE47	ETSI EN 319 411-1: NCP, NCP+; ETSI EN 319 411-2: QCP-n-qscd, QCP-n	TLS Web Client Authentication, E-mail Protection, 1.3.6.1.4.1.311.10.3.12, OCSP Signing

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, EVCP	TLS Web Client Authentication, TLS Web Server Authentication
CN=University of Crete Client RSA SubCA R1,OU=Hellenic Academic and Research Institutions CA,organizationIdentifier=VATGR- 099028220,O=Greek Universities Network (GUnet),C=GR (REVOKED AT 2020-11-02)	87AAD978A5FE2EE941E4068F9963EA29BDAA58878D2412249A82CD22F8126D82	ETSI EN 319 411-1: NCP, NCP+; ETSI EN 319 411-2: QCP- n-qscd, QCP-n	TLS Web Client Authentication, E-mail Protection, 1.3.6.1.4.1.311 .10.3.12, OCSP Signing
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, EVCP	TLS Web Client Authentication, TLS Web Server Authentication
CN=University of Macedonia Client RSA SubCA R1,OU=Hellenic Academic and Research Institutions CA,organizationIdentifier=VATGR- 099028220,O=Greek Universities Network (GUnet),C=GR (REVOKED AT 2020-11-02)	444CEFEDD83F6315C5EC86B2F1CD63B1DBF2387CFA2BEB0FB400153F2AF9408F	ETSI EN 319 411-1: NCP, NCP+; ETSI EN 319 411-2: QCP- n-qscd, QCP-n	TLS Web Client Authentication, E-mail Protection, 1.3.6.1.4.1.311 .10.3.12, OCSP Signing
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, EVCP	TLS Web Client Authentication, TLS Web Server Authentication
CN=University of the Peloponnese Client RSA SubCA R1,OU=Hellenic Academic and Research Institutions CA,organizationIdentifier=VATGR- 099028220,O=Greek Universities Network (GUnet),C=GR (REVOKED AT 2020-11-02)	EA4793E2EB814D43261F8068AEFDE783B837E7C021AC19C8E9B08551F2D6C83F	ETSI EN 319 411-1: NCP, NCP+; ETSI EN 319 411-2: QCP- n-qscd, QCP-n	TLS Web Client Authentication, E-mail Protection, 1.3.6.1.4.1.311 .10.3.12, OCSP Signing

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, EVCP	TLS Web Client Authentication, TLS Web Server Authentication
CN=University of Western Macedonia Client RSA SubCA R1,OU=Hellenic Academic and Research Institutions CA,organizationIdentifier=VATGR-099028220,O=Greek Universities Network (GUnet),C=GR (REVOKED AT 2020-11-02)	0CB6684F601C416F992A89409914A32A0C2099716875F5F78EC0C46B1B57099C	ETSI EN 319 411-1: NCP, NCP+; ETSI EN 319 411-2: QCP-n-qscd, QCP-n	TLS Web Client Authentication, E-mail Protection, 1.3.6.1.4.1.311.10.3.12, OCSP Signing
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, EVCP	TLS Web Client Authentication, TLS Web Server Authentication
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	ETSI EN 319 421: BTSP	Time Stamping
CN=University of West Attica Client RSA SubCA R1,OU=Hellenic Academic and Research Institutions CA,organizationIdentifier=VATGR-099028220,O=Greek Universities Network (GUnet),C=GR (REVOKED AT 2020-11-02)	7D35BF04C857282B422E851EA8A622B75D2ECCBAB65D5BA62598C1DA4A11D502	ETSI EN 319 411-1: NCP, NCP+; ETSI EN 319 411-2: QCP-n-qscd, QCP-n	TLS Web Client Authentication, E-mail Protection, 1.3.6.1.4.1.311.10.3.12, OCSP Signing
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, EVCP	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	ETSI EN 319 411-1: NCP, NCP+; ETSI EN 319 411-2: QCP- n-qscd, QCP-n	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	ETSI EN 319 411-2: QCP-n-qscd	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	ETSI EN 319 411-2: QCP-n-qscd	1.3.6.1.4.1.311 .10.3.12, 1.2.840.11358 3.1.1.5

Table 1: Sub-CA's issued by the Root-CA or its Sub-CA's

Modifications record

Version	Issuing Date	Changes
Version 1	2021-06-15	Initial attestation

End of the audit attestation letter.