2025/2164

28.10.2025

CINNEADH CUR CHUN FEIDHME (AE) 2025/2164 ÓN gCOIMISIÚN

an 27 Deireadh Fómhair 2025

lena leasaítear Cinneadh Cur Chun Feidhme (AE) 2015/1505 a mhéid a bhaineann leis an leagan den chaighdeán ar a bhfuil an teimpléad coiteann le haghaidh na liostaí iontaofa bunaithe

TÁ AN COIMISIÚN EORPACH,

Ag féachaint don Chonradh ar Fheidhmiú an Aontais Eorpaigh,

Ag féachaint do Rialachán (AE) Uimh. 910/2014 ó Pharlaimint na hEorpa agus ón gComhairle an 23 Iúil 2014 maidir le ríomh-shainaitheantas agus seirbhísí iontaoibhe le haghaidh ríomh-idirbheart sa mhargadh inmheánach agus lena n-aisghairtear Treoir 1999/93/CE ([1]), agus go háirithe Airteagal 22(5) de,

De bharr an mhéid seo a leanas:

(1) Tá liostaí iontaofa dá bhforáiltear in Airteagal 22(1) de Rialachán (AE) Uimh. 910/2014 fíor-riachtanach chun muinín a chothú i measc oibreoirí margaidh toisc go gceadaítear leo bailíochtú a dhéanamh ar stádas cáilithe na soláthraithe seirbhísí iontaoibhe agus na seirbhísí iontaoibhe a sholáthraíonn siad. Dá bhrí sin, ní thosóidh soláthraithe cáilithe seirbhísí iontaoibhe ag soláthar seirbhís iontaoibhe cháilithe go dtí go mbeidh an stádas cáilithe curtha in iúl sna liostaí iontaofa.

(2) Le Cinneadh Cur Chun Feidhme (AE) 2015/1505 ón gCoimisiún ([2]), leagtar síos sonraíochtaí teicniúla agus formáidí a bhaineann le liostaí iontaofa. Leis na sonraíochtaí agus na formáidí sin, déantar na sonraíochtaí agus na ceanglais a leagtar amach i leagan 2.1.1 de chaighdeán ETSI TS 119 612 a ghiaráil.

(3) Le Rialachán (AE) 2024/1183 ó Pharlaimint na hEorpa agus ón gComhairle ([3]), leasaíodh Rialachán (AE) Uimh. 910/2014 trí sheirbhísí iontaoibhe cáilithe nua a thabhairt isteach, is iad sin gléasanna cruthaithe ríomhshínithe cáilithe cianda a bhainistiú, gléasanna cruthaithe ríomhshéala cáilithe cianda a bhainistiú, ríomhdhearbhú saintréithe cáilithe a eisiúint, seirbhísí ríomhchartlannaithe cáilithe a sholáthar, agus sonraí leictreonacha a thaifeadadh i mórleabhar leictreonach cáilithe. Tugadh caighdeán ETSI TS 119 612 cothrom le dáta go leagan 2.4.1, agus tá sonraíochtaí ann anois lena gceadaítear do liostaí iontaofa stádas na seirbhísí iontaoibhe cáilithe nua sin a áireamh agus a léiriú. Le leagan nuashonraithe 2.4.1 leasaíodh freisin na sonraíochtaí maidir le formáid na sínithe nó na séalaí atá le húsáid ag na Ballstáit chun a liostaí iontaofa náisiúnta a shíniú nó a shéalú.

(4) Dá bhrí sin, ba cheart Cinneadh Cur Chun Feidhme (AE) 2015/1505 ón gCoimisiún a leasú chun an tagairt do chaighdeán ETSI TS 119 612 a thabhairt cothrom le dáta dá leagan níos nuaí 2.4.1. Mar thoradh ar an leasú sin, tá gá le hathruithe breise áirithe ar an gCinneadh Cur Chun Feidhme sin freisin. Ar an gcéad dul síos, ba cheart an fhaisnéis, a bhfuil tagairt le déanamh di sna liostaí iontaofa, a mhéid a bhaineann le léirmhíniú inneachar na liostaí sin, a shoiléiriú chun go mbeidh na páirtithe is úsáideoirí in ann an fhaisnéis sna liostaí iontaofa a léirmhíniú. Ar an dara dul síos, ba cheart na sonraíochtaí a bhaineann le cruthú na ríomhshínithe nó na ríomhshéalaí atá le cur i bhfeidhm ar na liostaí iontaofa a oiriúnú chun leochaileachtaí áirithe aitheanta agus tuairiscithe a chosc.

(5) Chun a áirithiú go mbeidh a ndóthain ama ag na páirtithe is úsáideoirí chun oiriúnú do na sonraíochtaí a leagtar amach san Iarscríbhinn, ba cheart moill a chur ar chur i bhfeidhm an Chinnidh seo.

([1]) IO L 257, 28.8.2014, lch. 73, ELI: http://data.europa.eu/eli/reg/2014/910/oj.

([2]) Cinneadh Cur Chun Feidhme (AE) 2015/1505 ón gCoimisiún an 8 Meán Fómhair 2015 lena leagtar síos sonraíochtaí agus formáidí teicniúla a bhaineann le liostaí iontaofa de bhun Airteagal 22(5) de Rialachán (AE) Uimh. 910/2014 ó Pharlaimint na hEorpa agus ón gComhairle maidir le ríomh-shainaitheantas agus seirbhísí iontaoibhe le haghaidh ríomh-idirbheart sa mhargadh inmheánach (IO L 235, 9.9.2015, lch. 26, ELI: http://data.europa.eu/eli/dec_impl/2015/1505/oj).

([3]) Rialachán (AE) 2024/1183 ó Pharlaimint na hEorpa agus ón gComhairle an 11 Aibreán 2024 lena leasaítear Rialachán (AE) Uimh. 910/2014 a mhéid a bhaineann leis an gCreat Eorpach um Chéannacht Dhigiteach a bhunú (IO L, 2024/1183, 30.4.2024, ELI: http://data.europa.eu/eli/reg/2024/1183/oj).

(6) Tá feidhm ag Rialachán (AE) 2016/679 ó Pharlaimint na hEorpa agus ón gComhairle ([4]) agus, i gcás inarb ábhartha, ag Treoir 2002/58/CE ó Pharlaimint na hEorpa agus ón gComhairle ([5]) maidir le gach gníomhaíocht próiseála sonraí pearsanta faoi gCinneadh seo.

(7) Chuathas i gcomhairle leis an Maoirseoir Eorpach ar Chosaint Sonraí i gcomhréir le hAirteagal 42(1) de Rialachán (AE) 2018/1725 ó Pharlaimint na hEorpa agus ón gComhairle ([6]) agus thug an Maoirseoir tuairim an 8 Lúnasa 2025 ([7]).

(8) Tá na bearta dá bhforáiltear sa Chinneadh seo i gcomhréir leis an tuairim ón gCoiste arna bhunú le hAirteagal 48 de Rialachán (AE) Uimh. 910/2014,

TAR ÉIS AN CINNEADH SEO A GHLACADH:

Airteagal 1

Leasaítear Iarscríbhinn I a ghabhann le Cinneadh Cur Chun Feidhme (AE) 2015/1505 mar a leagtar amach san Iarscríbhinn a ghabhann leis an gCinneadh seo.

Airteagal 2

Tiocfaidh an Cinneadh seo i bhfeidhm an fichiú lá tar éis lá a fhoilsithe in *Iris Oifigiúil an Aontais Eorpaigh*.

Beidh feidhm ag an gCinneadh Cur Chun Feidhme seo ón 29 Aibreán 2026.

Arna dhéanamh sa Bhruiséil, an 27 Deireadh Fómhair 2025.

Thar ceann an Choimisiúin
An tUachtarán
Ursula VON DER LEYEN

([4]) Rialachán (AE) 2016/679 ó Pharlaimint na hEorpa agus ón gComhairle an 27 Aibreán 2016 maidir le daoine nádúrtha a chosaint i ndáil le sonraí pearsanta a phróiseáil agus maidir le saorghluaiseacht sonraí den sórt sin, agus lena n-aisghairtear Treoir 95/46/CE (An Rialachán Ginearálta maidir le Cosaint Sonraí) (IO L 119, 4.5.2016, lch. 1, ELI: http://data.europa.eu/eli/reg/2016/679/oj).

([5]) Treoir 2002/58/CE ó Pharlaimint na hEorpa agus ón gComhairle an 12 Iúil 2002 maidir le sonraí pearsanta a phróiseáil agus maidir le príobháideachas a chosaint san earnáil cumarsáide leictreonaí (an Treoir um príobháideachas agus cumarsáid leictreonach) (IO L 201, 31.7.2002, lch. 37, ELI: http://data.europa.eu/eli/dir/2002/58/oj).

([6]) Rialachán (AE) 2018/1725 ó Pharlaimint na hEorpa agus ón gComhairle an 23 Deireadh Fómhair 2018 maidir le daoine nádúrtha a chosaint i ndáil le sonraí pearsanta a phróiseáil ag institiúidí, comhlachtaí, oifigí agus gníomhaireachtaí an Aontais agus maidir le saorghluaiseacht sonraí den sórt sin, agus lena n-aisghairtear Rialachán (CE) Uimh. 45/2001 agus Cinneadh Uimh. 1247/2002/CE (IO L 295, 21.11.2018, lch. 39, ELI: http://data.europa.eu/eli/reg/2018/1725/oj).

([7]) *EDPS Formal comments on the draft regarding the version of the standard on which the common template of the trusted lists is based* |an Maoirseoir Eorpach um Chosaint Sonraí.

IARSCRÍBHINN

Leasaítear Iarscríbhinn I a ghabhann le Cinneadh Cur Chun Feidhme (AE) 2015/1505 mar a leanas:

(1) I gCaibidil II, cuirtear an méid seo a leanas in ionad na chéad mhíre:

'Leis na sonraíochtaí atá ann faoi láthair, déantar na sonraíochtaí agus na ceanglais a leagtar amach in ETSI TS 119 612 v2.4.1 (dá ngairtear ETSI TS 119 612 anseo feasta) a ghiaráil.'.

(2) I gCaibidil II, cuirtear an méid seo a leanas in ionad na roinne faoin teideal 'Scheme type/community/rules (clásal 5.3.9)':

'**Scheme type/community/rules (clásal 5.3.9)**

Beidh an réimse seo éigeantach agus comhlíonfaidh sé na sonraíochtaí ó chlásal 5.3.9 ETSI TS 119 612.

Ní áireofar sa réimse seo ach URInna Béarla na Ríochta Aontaithe.

Áireofar dhá URI ar a laghad sa réimse seo:

(1) URI is coiteann do Liostaí Iontaofa na mBallstát uile lena léirítear téacs tuairisciúil a bheidh infheidhme maidir le gach Liosta Iontaofa, mar a leanas:

— URI: http://uri.etsi.org/TrstSvc/TrustedList/schemerules/EUcommon

— Téacs tuairisciúil:

'A. ***Participation in a scheme***

Each Member State must create a trusted list including information related to the qualified trust service providers that are under supervision, together with information related to the qualified trust services they provide, in accordance with the relevant provisions laid down in Regulation (EU) No 910/2014.

The present implementation of such trusted lists is also to be referred to in the list of links (pointers) towards each Member State's trusted list, compiled by the European Commission.

B. ***Policy/rules for the assessment of the listed services***

Member States must supervise qualified trust service providers established in the territory of the designating Member State as laid down in Chapter III of Regulation (EU) No 910/2014 to ensure that those qualified trust service providers and the qualified trust services they provide meet the requirements laid down in that Regulation.

The trusted lists of Member States include, as a minimum, information specified in Articles 1 and 2 of Implementing Decision (EU) 2015/1505.

The trusted lists include both current and historical information about the status of listed trust services.

Each Member State's trusted list must provide information on the national supervisory scheme and, where applicable, national approval, including through accreditation scheme(s) under which the trust service providers and the trust services they provide are listed.

C. ***Interpretation of the trusted list***

The general user guidelines for applications, services or products relying on a trusted list published in accordance with Regulation (EU) No 910/2014 are as follows:

C.1 ***Qualified status of a trust service***

The qualified status of a trust service is indicated by the combination of:

— the 'Service type identifier' ('Sti') value in a service entry;

— where applicable, the presence of one of the following values in all the fields 'additionalServiceInformation extension' in the service entry:

— 'http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/ForeSignatures': further specifying the 'Sti' identified service as being provided for electronic signatures;

— 'http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/ForeSeals': further specifying the 'Sti' identified service as being provided for electronic seals; or

— 'http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/ForWebSiteAuthentication': further specifying the 'Sti' identified service as being provided for website authentication; and

— the status according to the 'Service current status' field value as from the date indicated in the 'Current status starting date and time'.

Historical information about such a qualified status is similarly provided when applicable.

C.1.1 ***Service status under Regulation (EU) No 910/2014***

Including and after 1 July 2016 (UTC+2), the value of the 'Service current status' field used by the Supervisory Body designated in a Member State to indicate that a trust service entry is representing a qualified trust service is the URI 'http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/granted'.

C.1.2 ***Service status under Directive 1999/93/EC***

Strictly before 1st July 2016 (UTC+2), the value of the 'Service current status' field used by the Supervisory Body designated in a Member State to indicate that a trust service entry is representing a certification-service-provider issuing qualified certificates is one of the following URIs:

— 'http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision';

— 'http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/supervisionincessation'; or

— 'http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/accredited'.

C.2 ***Qualified status of a certificate***

Regarding qualified trust service providers issuing qualified certificates for electronic signatures, for electronic seals and/or for website authentication, a 'CA/QC' 'Service type identifier' ('Sti') entry indicates that any end-entity certificate issued by or under the CA represented by the CA's public key and CA's name (both CA data to be considered as trust anchor input) present in the 'Service digital identifier' ('Sdi'), is or was a qualified certificate (QC) at a certain date and time provided that the trust service entry indicates a granted qualified status (see clause C.1) and that the below requirements are met with reference to that date and time.

C.2.1 ***Default rules***

C.2.1.1 *Certificate status standardised rule*

The end-entity certificate contains the ETSI standardised QcStatements extension as specified in standard ETSI EN 319 412-5 with the following requirements:

— the id-etsi-qcs-QcCompliance (urn:oid:0.4.0.1862.1.1) QcStatement is present; and

— where present, the id-etsi-qcs-QcType (urn:oid:0.4.0.1862.1.6) QcStatement contains exactly one of the following values:

  — the id-etsi-qct-esign (urn:oid:0.4.0.1862.6.1) ETSI defined QC type identifier;

  — the id-etsi-qct-eseal (urn:oid:0.4.0.1862.6.2) ETSI defined QC type identifier; or

  — the id-etsi-qct-web (urn:oid:0.4.0.1862.6.3) ETSI defined QC type identifier.

Optionally, the id-etsi-qct-QcSSCD (urn:oid:0.4.0.1862.4) QcStatement may be present.

C.2.1.2 *Certificate status under Directive 1999/93/EC*

Restricted to the context of Directive 1999/93/EC and as a legacy alternative to the above standardised rule, the end-entity certificate contains:

— the ETSI standardised QcStatements extension (as specified in ETSI EN 319 412-5) with the id-etsi-qcs-QcCompliance (urn:oid:0.4.0.1862.1.1) QcStatement being present;

— the legacy QCP+ (urn:oid:0.4.0.1456.1.1) ETSI defined certificate policy OID; or

— the legacy QCP (urn:oid:0.4.0.1456.1.2) ETSI defined certificate policy OID.

C.2.2 ***Additional rules: Presence of Qualifications Extension***

If 'Sie' 'Qualifications Extension' information as specified in clause 5.5.9.2 of standard ETSI TS 119 612 is present, then in addition to the above default rules, those certificates that are identified through the use of 'Sie' 'Qualifications Extension' information must be considered according to the associated qualifiers. Those qualifiers are used when necessary to compensate for a lack of standardised machine processable information in the corresponding certificate content. They are not to be used to compensate for a lack of machine processable information in certificates issued after 1 July 2016 where that lack would result in a non-compliance with Annex I, III or IV of Regulation (EU) No 910/2014. However, they can be used to provide further machine processable information when the information provided in the certificate, while compliant with the Regulation, does not align with the above default interpretation rules. Where used, they provide additional information regarding:

— their qualified status:

  — 'QCStatement' ('http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/QCStatement') meaning the identified certificates are qualified under Directive 1999/93/EC or under Regulation (EU) No 910/2014; or

  — 'NotQualified' ('http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/NotQualified') meaning the identified certificates are not to be considered as qualified.

— the nature of their qualification:

  — 'QCForESig' ('http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/QCForESig') meaning the identified certificates, when claimed or stated as qualified, are qualified certificates for electronic signature under Regulation (EU) No 910/2014;

  — 'QCForESeal' ('http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/QCForESeal') meaning the identified certificates, when claimed or stated as qualified, are qualified certificates for electronic seal under Regulation (EU) No 910/2014; or

  — 'QCForWSA' ('http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/QCForWSA') meaning the identified certificates, when claimed or stated as qualified, are qualified certificates for website authentication under Regulation (EU) No 910/2014.

— whether or not the private key resides in a qualified signature or qualified seal creation device (QSCD) and the nature thereof:

  — 'QCWithQSCD' ('http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/QCWithQSCD') meaning the identified certificates, when claimed or stated as qualified, have their private key residing in a QSCD;

  — 'QCNoQSCD' ('http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/QCNoQSCD') meaning the identified certificates, when claimed or stated as qualified, have not their private key residing in a QSCD;

  — 'QCQSCDStatusAsInCert' ('http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/QCQSCDStatusAsInCert') meaning the identified certificates, when claimed or stated as qualified, do contain proper machine processable information about whether or not their private key is residing in a QSCD; or

  — 'QCQSCDManagedOnBehalf' ('http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/QCQSCDManagedOnBehalf') meaning the identified certificates, when they are claimed or stated as qualified, have their private key is residing in a QSCD for which the generation and management of that private key is done by a qualified TSP on behalf of the entity whose identity is certified in the certificate;

Restricted to the context of certificates issued under Directive 1999/93/EC, the following qualifiers are defined and provide additional information regarding:

— whether or not the private key resides in a secure signature creation device (SSCD):

  — 'QCWithSSCD' ('http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/QCWithSSCD') meaning the identified certificates, when claimed or stated as qualified, have their private key residing in an SSCD;

  — 'QCNoSSCD' ('http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/QCNoSSCD') meaning the identified certificates, when claimed or stated as qualified, do not have their private key residing in an SSCD; or

  — 'QCSSCDStatusAsInCert' ('http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/QCSSCDStatusAsInCert') meaning the identified certificates, when claimed or stated as qualified, do contain proper machine processable information about whether or not their private key is residing in an SSCD.

— the issuance to a Legal Person:

  — 'QCForLegalPerson' ('http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/QCForLegalPerson') meaning the identified certificates, when claimed or stated as qualified, are issued to a Legal Person under Directive 1999/93/EC.

Tabhair faoi deara: The information provided in the trusted list is to be considered as accurate meaning that the certificate is not to be considered as qualified if the end-entity certificate does not follow any of the default rules defined above, and:

  — if no 'Sie' 'Qualifications Extension' information is present for the trust anchor CA/QC corresponding service entry to qualify the certificate with a 'QCStatement' qualifier, or

  — a 'Sie' 'Qualifications Extension' information is present for the trust anchor CA/QC corresponding service entry to qualify the certificate with a 'NotQualified' qualifier.

C.3 ***Trust anchors***

'Service digital identifiers' are to be used as Trust Anchors in the context of validating electronic signatures or seals for which signer's or seal creator's certificate is to be validated against information in the trusted list, hence only the public key and the associated subject name are needed as Trust Anchor information. When more than one certificate represents the public key identifying the service, they are to be considered as Trust Anchor certificates conveying identical information with regard to the information strictly required as Trust Anchor information.

C.4 ***General rule for the interpretation of trust service entries***

The general rule for interpretation of any 'Sti' type entry, possibly further specified through a 'Sie' 'additionalServiceInformation', not corresponding to qualified trust services is that, for that 'Sti' identified service type, and possibly in combination with a 'Sie' 'additionalServiceInformation' URI, the listed service named according to the 'Service name' field value and uniquely identified by the 'Service digital identity' field value has the current approval status according to the 'Service current status' field value as from the date indicated in the 'Current status starting date and time'.

Specific interpretation rules for any additional information with regard to a listed service (e.g. 'Service information extensions' field) may be found, when applicable, in the Member State specific URI as part of the present 'Scheme type/community/rules' field.

Please refer to the implementing acts adopted pursuant to Article 22(5) of Regulation (EU) No 910/2014 for further details on the specifications of the fields of the Member States' trusted lists.'

(2) URI a bhaineann go sonrach le liosta iontaofa gach Ballstáit lena léirítear téacs tuairisciúil a bheidh infheidhme maidir le liosta iontaofa an Bhallstáit sin:

(a) http://uri.etsi.org/TrstSvc/TrustedList/schemerules/CC i gcás CC = ISO 3166-1 ([1]) alfa-2 a úsáidtear sa réimse 'Scheme territory' (clásal 5.3.10)

— inar féidir le húsáideoirí beartais shonracha/rialacha sonracha an Bhallstáit dá dtagraítear a fháil ar ina leith a dhéantar measúnú ar sheirbhísí iontaoibhe a áirítear ar an liosta, i gcomhréir le córas maoirseachta an Bhallstáit agus, i gcás inarb infheidhme, le scéim formheasa an Bhallstáit.

— inar féidir le húsáideoirí tuairisc shonrach an Bhallstáit dá dtagraítear a fháil maidir le conas inneachar an liosta iontaofa a úsáid agus a léirmhíniú i ndáil leis na seirbhísí iontaoibhe neamhcháilithe liostaithe agus/nó maidir le seirbhísí iontaoibhe arna sainiú go náisiúnta. Féadfar é sin a úsáid chun gráinneacht fhéideartha a léiriú sa chóras formheasa náisiúnta a bhaineann le soláthraithe néalseirbhíse/soláthraithe seirbhísí iontaoibhe nach n-eisíonn deimhnithe cáilithe agus conas a úsáidtear an réimse 'Scheme service definition URI' (clásal 5.5.6) agus an réimse 'Service information extension' (clásal 5.5.9) chun na críche sin.

(b) Féadfaidh na Ballstáit URInna breise a shainiú agus a úsáid lena leathnaítear an URI a bhaineann go sonrach leis an mBallstát thuas (i.e. URInna a shainítear ón URI ordlathach sonrach sin).'

(3) I gCaibidil II, i ndiaidh na roinne faoin teideal 'Service current status (clásal 5.5.4)', cuirtear isteach an roinn seo a leanas:

'**The Signature element (clásal B.1), General (clásal B.1.0)**

Beidh an clásal seo éigeantach agus comhlíonfaidh sé na sonraíochtaí ó chlásal B.1.0 TS 119 612 i gcás ina gcuirtear an méid seo a leanas in ionad phointe 2:

'2) Beidh eilimint 'ds:Reference' agus an tréith URI socraithe chuig teaghrán folamh (i.e. URI='') ag 'ds:SignedInfo' chun tagairt a dhéanamh don doiciméad iomlán. Comhlíonfaidh an eilimint 'ds:Reference' na ceanglais seo a leanas:

(a) Ní bheidh ach eilimint 'ds:Transforms' amháin ann;

(b) Beidh dhá eilimint 'ds:Transforms' sa 'ds:Transforms' seo. Leis an gcéad cheann, léireoidh a thréith algartamach an claochlú imchlúdaithe leis an luach: 'http://www.w3.org/2000/09/xmldsig#enveloped-signature'. Leis an dara ceann, ordóidh a thréith algartamach an leagan canónta eisiach 'http://www.w3.org/2001/10/xml-exc-c14n#' dhéanamh.'

([1]) ISO 3166-1:2006: 'Cóid chun ainmneacha tíortha agus a bhforanna a léiriú Cuid 1: Cóid tíre'.