

October 2005 Addendum to the Comodo Certification Practice Statement

Comodo Group
October 2005 Addendum to Version 2.4 Amendments
03 February 2005

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Until the time of release of this Addendum, Comodo's Instant SSL and other certificates were signed by the BeTrusted root certificate (named GTE CyberTrust Root). Comodo recently acquired several root certificates from UTN and AddTrust and now also offers the Instant SSL and EnterpriseSSL and LiteSSL product ranges signed by both UTN and AddTrust roots. All Comodo certificates provide 99.6% ubiquity in the current web browsers. The purpose of this Addendum to the Comodo Certification Practice Statement ("ACPS") is to amend version 2.4 of the Comodo Certification Practice Statement ("CPS") to include the UTN/AddTrust-signed products offerings. All provisions of the CPS not specifically amended or added herein remain in full force and effect. Amended portions in this ACPS are included within brackets. Nothing in the CPS shall be deemed omitted, deleted or amended unless expressly stated in this ACPS or identified in brackets below. Information not located in brackets is to be included in addition to all information in the CPS. Unless included within brackets, headings from the CPS are included to identify the location of the Amended information, and are not intended to be duplicative.

1 General

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1.8 Comodo PKI Hierarchy

[Comodo uses both the BeTrusted (www.betrusted.com - AICPA/CICA WebTrust Program for Certification Authorities approved security provider), UTN-USERFIRST-Hardware and AddTrust External CA Root for its Root CA Certificates. This allows Comodo to issue highly trusted digital certificates by inheriting the trust level associated with the BeTrusted root certificate (named GTE CyberTrust Root), the UTN root certificate named UTN-USERFIRST-Hardware and the AddTrust root certificate named AddTrust External CA Root. The ability to issue trusted certificates from three different roots provides Comodo with additional flexibility and trust. The following high-level representation of the Comodo PKI is used to illustrate the hierarchy utilized.]

[1.8.1 Trial and Short Term Certificates

UTN/AddTrust certificates – LiteSSL CA

Visible on IE compatible browsers:

UTN-USERFIRST-Hardware (serial number = 44 be 0c 8b 50 00 24 b4 11 d3 36 2a fe 65 0a fd, expiry = 09 July 2019 19:19:22)

↳ *AddTrust External CA Root (serial number = 1c ce 44 62 95 19 7a 9d 63 52 f9 f2 23 a9 b6 98, expiry = 09 July 2019 19:19:22)*

↳ *LiteSSL CA (serial number = 30 a7 9e 6d b1 e9 19 5a b1 c8 50 d3 96 7d 63 d5, expiry = 09 July 2019 19:19:22)*

↳ *End Entity SSL/End Entity Secure Email (serial number = x, expiry = 1 month or up to 10 year(s) from issuance)*

Cross signed and therefore visible on Netscape compatible browsers as follows:

AddTrust External CA Root (serial number = 01, expiry = 30/05/2020 10:48:38)

↳ *LiteSSL CA (serial number = 30 a7 9e 6d b1 e9 19 5a b1 c8 50 d3 96 7d 63 d5, expiry = 09 July 2019 19:19:22)*

↳ *End Entity SSL/End Entity Secure Email (serial number = x, expiry = 1 month or up to 10 year(s) from issuance)*

UTN/AddTrust certificates – InstantSSL and EnterpriseSSL CA

Visible on IE compatible browsers:

UTN-USERFIRST-Hardware (serial number = 44 be 0c 8b 50 00 24 b4 11 d3 36 2a fe 65 0a fd, expiry = 09 July 2019 19:19:22)

- ↳ *AddTrust External CA Root (serial number = 1c ce 44 62 95 19 7a 9d 63 52 f9 f2 23 a9 b6 98, expiry = 09 July 2019 19:19:22)*
- ↳ *End Entity SSL/End Entity Secure Email (serial number = x, expiry = 1 month or up to 10 year(s) from issuance)*

Cross signed and therefore visible on Netscape compatible browsers as follows

AddTrust External CA Root (serial number = 01, expiry = 30/05/2020 10:48:38)

- ↳ *End Entity SSL/End Entity Secure Email (serial number = x, expiry = 1 month or up to 10 year(s) from issuance)]*

[1.8.2 1-3 year certificates (InstantSSL and EnterpriseSSL), 1-10 year certificates (LiteSSL)]

GTE Certificates

GTE CyberTrust Root (serial number = 01A5, expiry = 14 August 2018)

- ↳ *Comodo Class 3 Security Services CA (serial number = 0200 029A, expiry = 27 August 2012)*
- ↳ *End Entity SSL/End Entity Secure Email (serial number = x, expiry = 1, 2 or 3 years from issuance)*

UTN/AddTrust certificates – LiteSSL CA

Visible on IE compatible browsers:

UTN-USERFIRST-Hardware (serial number = 44 be 0c 8b 50 00 24 b4 11 d3 36 2a fe 65 0a fd, expiry = 09 July 2019 19:19:22)

- ↳ *AddTrust External CA Root (serial number = 1c ce 44 62 95 19 7a 9d 63 52 f9 f2 23 a9 b6 98, expiry = 09 July 2019 19:19:22)*
- ↳ *LiteSSL CA (serial number = 30 a7 9e 6d b1 e9 19 5a b1 c8 50 d3 96 7d 63 d5, expiry = 09 July 2019 19:19:22)*
- ↳ *End Entity SSL/End Entity Secure Email (serial number = x, expiry = 1 month or up to 10 year(s) from issuance)*

Cross signed and therefore visible on Netscape compatible browsers as follows:

AddTrust External CA Root (serial number = 01, expiry = 30/05/2020 10:48:38)

- ↳ *LiteSSL CA (serial number = 30 a7 9e 6d b1 e9 19 5a b1 c8 50 d3 96 7d 63 d5, expiry = 09 July 2019 19:19:22)*
- ↳ *End Entity SSL/End Entity Secure Email (serial number = x, expiry = 1 month or up to 10 year(s) from issuance)*

UTN/AddTrust certificates – InstantSSL and EnterpriseSSL CA

Visible on IE compatible browsers as follows:

UTN-USERFIRST-Hardware (serial number = 44 be 0c 8b 50 00 24 b4 11 d3 36 2a fe 65 0a fd, expiry = 09 July 2019 19:19:22)

↳ AddTrust External CA Root (serial number = 1c ce 44 62 95 19 7a 9d 63 52 f9 f2 23 a9 b6 98, expiry = 09 July 2019 19:19:22)

↳ End Entity SSL/End Entity Secure Email (serial number = x, expiry = 1 month or up to 10 year(s) from issuance)

Cross signed and therefore visible on Netscape compatible browsers as follows:

AddTrust External CA Root (serial number = 01, expiry = 30/05/2020 10:48:38)

↳ End Entity SSL/End Entity Secure Email (serial number = x, expiry = 1 month or up to 10 year(s) from issuance)]

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2 Technology

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2.1.1 Root CA Signing Key Protection & Recovery

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CA Number	Description	Usage	Lifetime	Size
2	Class 1 Public Primary CA	Self signed root certificate for Class1 intermediates	20 years	2048
3	Class 2 Public Primary CA	Self signed root certificate for Class2 intermediates (not commercially active)	20 years	2048
4	Class 3 Public Primary CA	Self signed root certificate for Class3 intermediates	20 years	2048
5	Class 4 Public Primary CA	Self signed root certificate for Class4 intermediates (not commercially active)	20 years	2048
6	Comodo Class 1 TTB Intermediate CA	Intermediate certificate for IdAuthority Website Certificates	10 years	2048
7	Comodo Class 3 TTB/Verification Engine Intermediate CA	Intermediate certificate for IdAuthority Premium, Card Payment, & Verification Engine Certificates	10 years	2048
8	Comodo Class 1 Individual Subscriber CA – Persona Not Validated	Intermediate certificate for Class 1 email certificates	10 years	2048
9	Comodo Class 3 Secure Server CA	Intermediate certificate for SSL certificates (not commercially active)	10 years	2048
10	Comodo Class 3 Software Developer CA	Intermediate certificate for code signing certificates (not commercially active)	10 years	2048
11	'Global Sign' Class 3 Security Services CA	Intermediate certificate for SSL certificates	To 28-jan-2014	2048
11	'BeTrusted' Signed Class 3 Security Services CA (2018)	Intermediate certificate for code signing	To 27 August 2012	2048

11	'BeTrusted' Signed Class 3 Security Services CA (2006)	Intermediate certificate for SSL certificates, Class 1 & 3 email certificates	To 23-feb-2006	2048
12	Comodo Certified Delivery Plug-in CA	Intermediate certificate for "Certified Delivery Plug-in" certificates (not commercially active)	10 years	2048
13	Comodo Certified Delivery Manager CA	Intermediate certificate for "Certified Delivery Manager" certificates (not commercially active)	10 years	2048
14	Comodo Certified Delivery Authority CA	Intermediate certificate for "certified delivery authority" certificates (not commercially active)	10 years	2048
15	Comodo Licensing CA	Self signed root certificate for Comodo Licence Certificates	20 years	2048
16	AAA Certificate Services	AAA Certificate Services	31-Dec-2028	2048
17	Secure Certificate Services	Secure Certificate Services	31-Dec-2028	2048
18	Trusted Certificate Services	Trusted Certificate Services	31-Dec-2028	2048
19	Custom CA	Covered by alternative CPS	11-Nov-2024	1024
20	Custom CA	Covered by alternative CPS	11-Nov-2021	2048
22	Custom CA	Covered by alternative CPS	28-May-2008	2048
22	Custom CA	Covered by alternative CPS	15-Jun-2012	2048
23	Custom CA	Covered by alternative CPS	27-Aug-2012	2048
24		Comodo Time Stamping CA	14-Jul-2014	2048
25	Custom CA	Covered by alternative CPS	14-Jul-2008	2048
25	Custom CA	Covered by alternative CPS	13-Oct-2011	2048
26		Comodo Code Signing CA	15-Jul-2004	2048
27	Custom CA	Covered by alternative CPS	30-Sep-2011	2048
28	Custom CA	Covered by alternative CPS	08-Feb-2012	2048
29	Custom CA	Covered by alternative CPS	01-Jun-2012	2048
30	UTN-USERFirst-Client Authentication and Email	UTN-USERFirst-Client Authentication and Email	09-Jul-2019	2048
31	UTN - DATACorp SGC	UTN - DATACorp SGC	24-Jun-2019	2048
32	UTN-USERFirst-Hardware	UTN-USERFirst-Hardware	09-Jul-2019	2048
33	UTN-USERFirst-Object	UTN-USERFirst-Object	09-Jul-2019	2048
34	Content Verification Authority	Content Verification Authority	31-Mar-2030	2048
35	Comodo Content Verification Services	Comodo Content Verification Services	31-Mar-2015	2048
36	Custom CA	Covered by alternative CPS	31-Mar-2015	2048
37	AddTrust Class 1 CA Root	AddTrust Class 1 CA Root	30-May-2020	2048
37	AddTrust/UTN Client CA	AddTrust/UTN Client CA	09-Jul-2019	2048
38	AddTrust External CA Root	AddTrust External CA Root	30-May-2020	2048
38	AddTrust/UTN SGC CA	AddTrust/UTN SGC CA	24-Jun-2019	2048
38	AddTrust/UTN Server CA	AddTrust/UTN Server CA	09-Jul-2019	2048
39	AddTrust Public CA Root	AddTrust Public CA Root	30-May-2020	2048
40	AddTrust Qualified CA Root	AddTrust Qualified CA Root	30-May-2020	2048
40	AddTrust/UTN Object CA	AddTrust/UTN Object CA	09-Jul-2019	2048

41	AddTrust Global Client CA v.2	AddTrust Global Client CA v.2	12-May-2012	2048
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[BeTrusted ensures the protection of its CA Root signing key pair in accordance with its AICPA/CICA WebTrust program compliant infrastructure and CPS. Details of BeTrusted's WebTrust compliancy are available at its official website (www.betrusted.com).

In a similar manner, Comodo protects its UTN and AddTrust CA Root key pairs in accordance with its AICPA/CICA WebTrust program compliant infrastructure and CPS. Details of Comodo's WebTrust compliancy are available at its official website (www.comodogroup.com).

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2.1.5 CA Root Public Key Delivery to Subscribers

[Comodo makes all its CA Root Certificates available in online repositories at www.comodogroup.com/repository. The GTE CyberTrust Root certificate is present in Internet Explorer 5.00 and above, Netscape 4.x and above and Opera 5.0 and above and is made available to relying parties through these browsers. The UTN USERFirst Hardware certificate is present in Explorer 5.01 and above and is made available through this browser. The AddTrust External CA Root certificate is present in Netscape 4.x and above and Opera 5.0 and above and is made available to relying parties through these browsers.]

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Document Control

This document is the Addendum to Comodo CPS Version 2.4, created on 5 October 2005 and signed off by the Comodo Certificate Policy Authority.

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