



# Certificate Authority Trust List

## Cisco Desk Phone 9800 Series and Cisco Video Phone 8875

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The Certificate Authorities for your phone depend on the calling system to which the phone is registered and the firmware version on your phone.

This file is for PhoneOS Release 3.6 to 4.0 and includes two lists:

- Trust list for on-premises phones on Cisco Unified Communications Manager ( see page 2-14)
- Trust list for multiplatform phones on Cisco BroadWorks or a third-party Open SIP platform (see page 14-29)

### Change history

01/23/2026: Added PhoneOS 4.0.1 to the applicable firmware versions. No changes in the CA trust lists.

12/08/2025: Added PhoneOS 3.6.1 to the applicable firmware versions. No changes in the CA trust lists.

08/26/2025: Initial release

## CA trust list for Cisco Unified Communications Manager

Fingerprint	Subject
f4336bc2ac75950beccf1c1f2f9da6dddafd1f41161ca71f59c76889bd474033	CN=ANCERT Certificados CGN V2,O=Agencia Notarial de Certificacion S.L.U. - CIF B83395988,C=ES
02ed0eb28c14da45165c566791700d6451d7fb56f0b2ab1d3b8eb070e56edff5	CN=Entrust Root Certification Authority - EC1,OU=(c) 2012 Entrust\, Inc. - for authorized use only,OU=See www.entrust.net/legal-terms,O=Entrust\,
604d32d036895aed3bfefaeb727c009ec0f2b3cdfa42a1c71730e6a72c3be9d4	CN=MULTICERT Root Certification Authority 01,O=MULTICERT - Serviços de Certificação Electrónica S.A.,C=PT
f1c1b50ae5a20dd8030ec9f6bc24823dd367b5255759b4e71b61fce9f7375d73	CN=SecureTrust CA,O=SecureTrust Corporation,C=US
4348a0e9444c78cb265e058d5e8944b4d84f9662bd26db257f8934a443c70161	CN=DigiCert Global Root CA,OU=www.digicert.com,O=DigiCert Inc,C=US
e6be68ce06fe0da0c140f1aeb00b67b636c5eea9422088929362375ce086db39	CN=Visa Public ECC Root CA,OU=Visa International Service Association,O=VISA,C=US
a040929a02ce53b4acf4f2ffc6981ce4496f755e6d45fe0b2a692bcd52523f36	CN=Hellenic Academic and Research Institutions RootCA 2015,O=Hellenic Academic and Research Institutions Cert. Authority,L=Athens,C=GR
552f7bdcf1a7af9e6ce672017f4f12abf77240c78e761ac203d1d9d20ac89988	CN=DigiCert Trusted Root G4,OU=www.digicert.com,O=DigiCert Inc,C=US
44b545aa8a25e65a73ca15dc27fc36d24c1cb9953a066539b11582dc487b4833	CN=Hellenic Academic and Research Institutions ECC RootCA 2015,O=Hellenic Academic and Research Institutions Cert. Authority,L=Athens,C=GR
5c58468d55f58e497e743982d2b50010b6d165374acf83a7d4a32db768c4408e	CN=Certum Trusted Network CA,OU=Certum Certification Authority,O=Unizeto Technologies S.A.,C=PL
a7c8681042f3675aa8505d3ba313d80f8ac3250fdf874ad29b834689c087fb11	CN=NAVER Cloud Trust Services ECC Root G1,O=NAVER Cloud Trust Services Corp.,C=KR
1a0d20445de5ba1862d19ef880858cbce50102b36e8f0a040c3c69e74522fe6e	CN=COMODO Certification Authority,O=COMODO CA Limited,L=Salford,ST=Greater Manchester,C=GB
554153b13d2cf9ddb753bfbe1a4e0ae08d0aa4187058fe60a2b862b2e4b87bcb	CN=AC RAIZ FNMT-RCM SERVIDORES SEGUROS,2.5.4.97=VATES-Q2826004J,OU=Ceres,O=FNMT-RCM,C=ES
08170d1aa36453901a2f959245e347db0c8d37abaabc56b81aa100dc958970db	CN=D-TRUST EV Root CA 1 2020,O=D-Trust GmbH,C=DE
be4b56cb5056c0136a526df444508daa36a0b54f42e4ac38f72af470e479654c	CN=TrustAsia Global Root CA G4,O=TrustAsia Technologies\, Inc.,C=CN

Fingerprint	Subject
97552015f5ddfc3c8788c006944555408894450084f100867086bc1a2bb58dc8	CN=Trustwave Global Certification Authority,O=Trustwave Holdings\, Inc.,L=Chicago,ST=Illinois,C=US
f1b52392c4a4ec2a8709b1308304a911ffcec2ce0b63a94fbe969164567c4925	CN=Cisco Licensing Root CA,O=Cisco
50df022dfa477185b4032a19196cb9840e29a87298830c5962d23f9b0a07dd5e	CN=Internal Private Root,O=Cisco,OU=Corvus
647987d98d52645da4d3de3b80771a0ce02b9b9285e6e86999882170744ec9aa	CN=Entrust 4K EV TLS Root CA - 2022,O=Entrust\, Inc.,C=US
4b009c1034494f9ab56bba3ba1d62731fc4d20d8955adcec10a925607261e338	CN=SecureSign Root CA14,O=Cybertrust Japan Co.\, Ltd.,C=JP
7a77c6c61eeeb9aa65c4ea410d65d895b26a81123283009db104b48de80b2479	CN=OATI WebCARES Root CA,O=Open Access Technology International
1793927a0614549789adce2f8f34f7f0b66d0f3ae3a3b84d21ec15dbba4fad7	CN=COMODO ECC Certification Authority,O=COMODO CA Limited,L=Salford,ST=Greater Manchester,C=GB
96bcec06264976f37460779acf28c5a7cfe8a3c0aae11a8ffcee05c0bddf08c6	CN=ISRG Root X1,O=Internet Security Research Group,C=US
fb8fec759169b9106b1e511644c618c51304373f6c0643088d8beffd1b997599	CN=ANF Secure Server Root CA,OU=ANF CA Raiz,O=ANF Autoridad de Certificacion,C=ES,2.5.4.5=G63287510
7431e5f4c3c1ce4690774f0b61e05440883ba9a01ed00ba6abd7806ed3b118cf	CN=DigiCert High Assurance EV Root CA,OU=www.digicert.com,O=DigiCert Inc,C=US
0da80cc491638f8c756396e0afac16079829fa06697bfe6d7ee93a6a0c9e212d	CN=IT Private Root CA,O=Cisco,OU=Phoenix
1501f89c5c4dcf36cf588a17c9fd7cfceb9ee01e8729be355e25de80eb6284b4	C=ES,O=EDICOM,CN=CAEDICOM Root
cbb522d7b7f127ad6a0113865bdf1cd4102e7d0759af635a7cf4720dc963c53b	CN=GlobalSign,O=GlobalSign,OU=GlobalSign Root CA - R3
c2157309d9aee17bf34f4df5e88dbaeba57e0361eb814cbc239f4d54d329a38d	CN=Főtanúsítványkiadó - Kormányzati Hitelesítés Szolgáltató,O=NISZ Nemzeti Infokommunikációs Szolgáltató Zrt.,L=Budapest,C=HU
24a55c2ab051442d0617766541239a4ad032d7c55175aa34ffde2fbc4f5c5294	CN=Security Communication RootCA3,O=SECOM Trust Systems
1465fa205397b876faa6f0a9958e5590e40fcc7faa4fb7c2c8677521fb5fb658	OU=Starfield Class 2 Certification Authority,O=Starfield Technologies\,
c1468cf2254e6004b24696aba209d1a30ba6e2dff68a9a4e32c6ab414f90c8d9	CN=DigiCert ECC P384 Root G5,O=DigiCert\, Inc.,C=US
8f9adb6d895dab5adf5c3d3fab83927be0fb64ef82485c62280d584e8bd55d22	CN=Swedish Government Root Authority v3,O=Swedish Social Insurance Agency,C=SE
0a81ec5a929777f145904af38d5d509f66b5e2c58fcd531058b0e17f3f0b41b	CN=AffirmTrust Networking,O=AffirmTrust,C=US

Fingerprint	Subject
49a2762987788d4834b32305d767760f244d507742e8c2539fd4ca3ad52c16ee	CN=NAVER Cloud Trust Services RSA Root G1,O=NAVER Cloud Trust Services Corp.,C=KR
574df6931e278039667b720afdc1600fc27eb66dd3092979fb73856487212882	CN=BJCA Global Root CA2,O=BEIJING CERTIFICATE AUTHORITY,C=CN
dec669e322e07cd7c60a56904bf50c29fa1e75071723fc103577e27b226968d5	CN=TRS Bundle Root CA,O=Cisco
e7e12793643f18bee5b8e53ab5803bb3d59d8e63d14ce6346c004b0dfa34fecc	CN=Cisco Root CA 2099,O=Cisco
018e13f0772532cf809bd1b17281867283fc48c6e13be9c69812854a490c1b05	CN=DigiCert TLS ECC P384 Root G5,O=DigiCert\, Inc.,C=US
6ec6614e9a8efd47d6318ffdfd0bf65b493a141f77c38d0b319be1bbbc053dd2	CN=Swiss Government Root CA I,OU=Certification Authorities,OU=Services,O=The Federal Authorities of the Swiss
349dfa4058c5e263123b398ae795573c4e1313c83fe68f93556cd5e8031b3c7d	CN=GTS Root R4,O=Google Trust Services LLC,C=US
c32ffd9f46f936d16c3673990959434b9ad60aafbb9e7cf33654f144cc1ba143	CN=SSL.com TLS ECC Root CA 2022,O=SSL Corporation,C=US
063e4afac491dfd332f3089b8542e94617d893d7fe944e10a7937ee29d9693c0	CN=Chambers of Commerce Root - 2008,O=AC Camerfirma S.A.,2.5.4.5=A82743287,L=Madrid (see current address at <a href="http://www.camerfirma.com/address">www.camerfirma.com/address</a> ),C=EU
f356bea244b7a91eb35d53ca9ad7864ace018e2d35d5f8f96ddf68a6f41aa474	C=DE,O=Atos,CN=Atos TrustedRoot 2011
9d55e2bade8ef7871cdc9e3dcabc0d92d50cd2602c0a70d573178d990a84cb71	CN=Cisco Basic Assurance SUDI Root CA RSA 4096 2099,O=Cisco
2e7bf16cc22485a7bbe2aa8696750761b0ae39be3b2fe9d0cc6d4ef73491425c	CN=SSL.com EV Root Certification Authority RSA R2,O=SSL Corporation,L=Houston,ST=Texas,C=US
847df6a78497943f27fc72eb93f9a637320a02b561d0a91b09e87a7807ed7c61	CN=Microsoft Root Certificate Authority 2011,O=Microsoft Corporation,L=Redmond,ST=Washington,C=US
f9a17a00e5c294ba9614a715819af57f3fd48cc413453fbb8a5fc7e97964e2bc	C=CZ,2.5.4.97=NTRCZ-26439395,O=První certifikační autorita\, a.s.,CN=I.CA TLS Root CA/RSA 05/2022
be6c4da2bbb9ba59b6f3939768374246c3c005993fa98f020d1dedbed48a81d5	CN=SwissSign Silver CA - G2,O=SwissSign AG,C=CH
43df5774b03e7fef5fe40d931a7bedf1bb2e6b42738c4e6d3841103d3aa7f339	CN=Entrust Root Certification Authority - G2,OU=(c) 2009 Entrust\, Inc. - for authorized use only,OU=See <a href="http://www.entrust.net/legal-terms">www.entrust.net/legal-terms</a> ,O=Entrust\,
3e9099b5015e8f486c00bcea9d111ee721faba355a89bcf1df69561e3dc6325c	CN=DigiCert Assured ID Root CA,OU= <a href="http://www.digicert.com">www.digicert.com</a> ,O=DigiCert Inc,C=US

Fingerprint	Subject
46edc3689046d53a453fb3104ab80dcaec658b2660ea1629dd7e867990648716	CN=TUBITAK Kamu SM SSL Kok Sertifikasi - Surum 1,OU=Kamu Sertifikasyon Merkezi - Kamu SM,O=Turkiye Bilimsel ve Teknolojik Arastirma Kurumu - TUBITAK,L=Gebze - Kocaeli,C=TR
3f99cc474acfce4dfed58794665e478d1547739f2e780f1bb4ca9b133097d401	CN=HARICA TLS ECC Root CA 2021,O=Hellenic Academic and Research Institutions CA,C=GR
4200f5043ac8590ebb527d209ed1503029fbcdb41ca1b506ec27f15ade7dac69	CN=Secure Global CA,O=SecureTrust Corporation,C=US
229ccc196d32c98421cc119e78486eebef603aecd525c6b88b47abb740692b96	CN=Cisco RXC-R2,O=Cisco Systems,C=US
d48d3d23eedb50a459e55197601c27774b9d7b18c94d5a059511a10250b93168	CN=Certigna Root CA,OU=0002 48146308100036,O=Dhimyotis,C=FR
2e44102ab58cb85419451c8e19d9acf3662cafbc614b6a53960a30f7d0e2eb41	CN=TunTrust Root CA,O=Agence Nationale de Certification Electronique,C=TN
77b82cd8644c4305f7acc5cb156b45675004033d51c60c6202a8e0c33467d3a0	CN=Certainly Root R1,O=Certainly,C=US
873f4685fa7f563625252e6d36bcd7f16fc24951f264e47e1b954f4908cdca13	CN=E-Tugra Global Root CA ECC v3,OU=E-Tugra Trust Center,O=E-Tugra EBG A.S.,L=Ankara,C=TR
41c923866ab4cad6b7ad578081582e020797a6cbdf4fff78ce8396b38937d7f5	CN=OISTE WISeKey Global Root GA CA,OU=OISTE Foundation Endorsed,OU=Copyright (c) 2005,O=WISeKey,C=CH
5cc3d78e4e1d5e45547a04e6873e64f90cf9536d1ccc2ef800f355c4c5fd70fd	CN=CFCA EV ROOT,O=China Financial Certification Authority,C=CN
8327bc8c9d69947b3de3c27511537267f59c21b9fa7b613fafbccd53b7024000	CN=Cisco Root CA 2048,O=Cisco Systems
1cf341ae35341ac3ae1dc68d5b10dc0c9dc1307656f75fd92ca2c68489d52e9a	CN=MOIS SSL Root CA,O=Ministry of the Interior and Safety,C=KR
b676f2eddae8775cd36cb0f63cd1d4603961f49e6265ba013a2f0307b6d0b804	CN=Certum Trusted Network CA 2,OU=Certum Certification Authority,O=Unizeto Technologies S.A.,C=PL
97f654859cbde586fd90311e82ec7902c238cba0d6e529564c9c88f44895ec50	CN=ACA ROOT,O=CONSEJO GENERAL DE LA
3c4fb0b95ab8b30032f432b86f535fe172c185d0fd39865837cf36187fa6f428	CN=Staat der Nederlanden Root CA - G3,O=Staat der Nederlanden,C=NL
dd6936fe21f8f077c123a1a521c12224f72255b73e03a7260693e8a24b0fa389	CN=TeliaSonera Root CA v1,O=TeliaSonera
45140b3247eb9cc8c5b4f0d7b53091f73292089e6e5a63e2749dd3aca9198eda	CN=Go Daddy Root Certificate Authority - G2,O=GoDaddy.com\, Inc.,L=Scottsdale,ST=Arizona,C=US
34d8a73ee208d9bcdb0d956520934b4e40e69482596e8b6f73c8426b010a6f48	CN=GTS Root R3,O=Google Trust Services LLC,C=US
73c176434f1bc6d5adf45b0e76e727287c8de57616c1e6e6141a2b2cbc7d8e4c	CN=Entrust Root Certification Authority,OU=(c) 2006 Entrust\, Inc.,OU=www.entrust.net/CPS is incorporated by reference,O=Entrust\,

Fingerprint	Subject
657cfe2fa73faa38462571f332a2363a46fce7020951710702cdfbb6eeda3305	OU=certSIGN ROOT CA G2,O=CERTSIGN SA,C=RO
34bb34e14faed0d3392f2fc441c0ecd5fd88ad88118df2d1ba76cdec1eea10b8	OU=Saudi National Root CA,O=National Center for Digital Certification,C=SA
5e4b0e86fcd405d155e6740553b56ded9c598f9be235797693ab3022e268282	CN=Cisco Secure Access Root CA,O=Cisco,OU=Horologium
7d05ebb682339f8c9451ee094eebfefa7953a114edb2f44949452fab7d2fc185	CN=DigiCert Assured ID Root G2,OU=www.digicert.com,O=DigiCert Inc,C=US
85666a562ee0be5ce925c1d8890a6f76a87ec16d4d7d5f29ea7419cf20123b69	CN=SSL.com Root Certification Authority RSA,O=SSL Corporation,L=Houston,ST=Texas,C=US
e35d28419ed02025cfa69038cd623962458da5c695fbdea3c22b0bfb25897092	CN=Amazon Root CA 4,O=Amazon,C=US
2cabeafe37d06ca22aba7391c0033d25982952c453647349763a3ab5ad6ccf69	CN=GlobalSign,O=GlobalSign,OU=GlobalSign Root CA - R6
dd6c44b39401b053dbe61120748bbb0f6056007665c168e5c286750edc8df129	CN=Entrust 4K TLS Root CA - 2022,O=Entrust\, Inc.,C=US
d8e0febcd1db2e38d00940f37d27d41344d993e734b99d5656d9778d4d8143624	CN=Certum CA,O=Unizeto Sp. z o.o.,C=PL
193144f431e0fddb740717d4de926a571133884b4360d30e272913cbe660ce41	CN=SwissSign RSA TLS Root CA 2022 - 1,O=SwissSign AG,C=CH
6e0bff069a26994c15de2c4888cc54af84882e5495b7fbf66be9ccffec7489f6	CN=Autoridade Certificadora Raiz Brasileira v10,OU=Instituto Nacional de Tecnologia da Informacao - ITI,O=ICP-Brasil,C=BR
8560f91c3624daba9570b5fea0dbe36ff11a8323be9486854fb3f34a5571198d	CN=OISTE WISEKey Global Root GC CA,OU=OISTE Foundation Endorsed,O=WISEKey,C=CH
ffe943d793424b4f7c440c1c3d648d5363f34b82dc87aa7a9f118fc5dee101f1	CN=CommScope Public Trust RSA Root-02,O=CommScope,C=US
4ff460d54b9c86dabfbcfc5712e0400d2bed3fbc4d4fbdad86e06adcd2a9ad7a	CN=USERTrust ECC Certification Authority,O=The USERTRUST Network,L=Jersey City,ST=New Jersey,C=US
5d56499be4d2e08bcfcad08a3e38723d50503bde706948e42f55603019e528ae	CN=IdenTrust Commercial Root CA 1,O=IdenTrust,C=US
49e7a442acf0ea6287050054b52564b650e4f49e42e348d6aa38e039e957b1c1	CN=D-TRUST Root Class 3 CA 2 2009,O=D-Trust GmbH,C=DE
8a866fd1b276b57e578e921c65828a2bed58e9f2f288054134b7f1f4bfc9cc74	CN=QuoVadis Root CA 1 G3,O=QuoVadis Limited,C=BM
34ff2a4409dc1383e9f8966e8adfe5719eba373fd0ad5e2f49f90ee07cf5d4c1	CN=VRK Gov. Root CA - G2,OU=Varmennepalvelut,OU=Certification Authority Services,O=Vaestorekisterikeskus CA,C=FI
8a71de6559336f426c26e53880d00d88a18da4c6a91f0dcb6194e206c5c96387	CN=vTrus Root CA,O=iTrusChina Co.\,Ltd.,C=CN
e793c9b02fd8aa13e21c31228accb08119643b749c898964b1746d46c3d4cbd2	CN=USERTrust RSA Certification Authority,O=The USERTRUST Network,L=Jersey City,ST=New Jersey,C=US

Fingerprint	Subject
b724689b79b2ef9421ef8f5cc733eb093851b170ee715177005a09f226d8c91a	CN=CCA India 2022 SPL,O=India PKI,C=IN
15d5b8774619ea7d54ce1ca6d0b0c403e037a917f131e8a04e1e6b7a71babce5	CN=GTS Root R3,O=Google Trust Services LLC,C=US
2530cc8e98321502bad96f9b1fba1b099e2d299e0f4548bb914f363bc0d4531f	CN=lzenpe.com,O=IZENPE S.A.,C=ES
68ad50909b04363c605ef13581a939ff2c96372e3f12325b0a6861e1d59f6603	CN=Verizon Global Root CA,OU=OmniRoot,O=Verizon Business,C=US
568d6905a2c88708a4b3025190edcfedb1974a606a13c6e5290fcb2ae63edab5	CN=Starfield Services Root Certificate Authority - G2,O=Starfield Technologies\, Inc.,L=Scottsdale,ST=Arizona,C=US
6b9c08e86eb0f767cfad65cd98b62149e5494a67f5845e7bd1ed019f27b86bd6	CN=OISTE WISEKey Global Root GB CA,OU=OISTE Foundation Endorsed,O=WISEKey,C=CH
18ce6cfe7bf14e60b2e347b8dfe868cb31d02ebb3ada271569f50343b46db3a4	CN=Amazon Root CA 3,O=Amazon,C=US
cbb9c44d84b8043e1050ea31a69f514955d7bfd2e2c6b49301019ad61d9f5058	CN=GlobalSign Root E46,O=GlobalSign nv-sa,C=BE
705eaafc3ff488030017d59832603eefad514171b583808675f45c190e6378f8	CN=Cisco Root CA M1,O=Cisco
c741f70f4b2a8d88bf2e71c14122ef53ef10eba0cfa5e64cfa20f418853073e0	CN=Microsoft RSA Root Certificate Authority 2017,O=Microsoft
d3d607a9ff24a19523b6da9d2c649446f8788cb96d9fd130972e120c13677730	2.5.4.5=NTRCZ-26439395,CN=I.CA Root CA/RSA,O=První certifikační autorita\, a.s.,C=CZ
d95d0e8eda79525bf9beb11b14d2100d3294985f0c62d9fabd9cd999eccb7b1d	CN=HARICA TLS RSA Root CA 2021,O=Hellenic Academic and Research Institutions CA,C=GR
2ffb7f813bbbb3c89ab4e8162d0f16d71509a830cc9d73c262e5140875d1ad4a	CN=CommScope Public Trust ECC Root-02,O=CommScope,C=US
df545bf919a2439c36983b54cdfc903dfa4f37d3996d8d84b4c31eec6f3c163e	CN=Microsoft Root Certificate Authority 2010,O=Microsoft Corporation,L=Redmond,ST=Washington,C=US
b085d70b964f191a73e4af0d54ae7a0e07aafdaf9b71dd0862138ab7325a24a2	CN=GlobalSign,O=GlobalSign,OU=GlobalSign ECC Root CA - R4
e3b6a2db2ed7ce48842f7ac53241c7b71d54144bfb40c11f3f1d0b42f5eea12d	CN=Certigna,O=Dhimyotis,C=FR
4be8b5a1c76c6aead0611918fccf9dbd398b67fb12294758bdf994d0f9682f60	CN=ANCERT Certificados Notariales V2,O=Agencia Notarial de Certificacion S.L.U. - CIF B83395988,C=ES
ef66b0b10a3cdb9f2e3648c76bd2af18ead2bfe6f117655e28c4060da1a3f4c2	CN=E-Tugra Global Root CA RSA v3,OU=E-Tugra Trust Center,O=E-Tugra EBG A.S.,L=Ankara,C=TR
8ac552ad577e37ad2c6808d72aa331d6a96b4b3febff34ce9bc0578e08055ec3	CN=A-Trust-Root-07,OU=A-Trust-Root-07,O=A-Trust Ges. f. Sicherheitssysteme im elektr. Datenverkehr GmbH,C=AT

Fingerprint	Subject
f015ce3cc239bfef064be9f1d2c417e1a0264a0a94be1f0c8d121864eb6949cc	CN=HiPKI Root CA - G1,O=Chunghwa Telecom Co.\, Ltd.,C=TW
41dfd9c52d71f6a2c7f1083aa8f80153ff6ec23349d2599de347adbe423504f3	CN=Internal Customer Root CA,O=Cisco,OU=Arcturus
e46a392204a8dca342a71c1ca9a60c9185b9a930370120c3b9c7e3856f0d8f3b	CN=DigiCert RSA4096 Root G5,O=DigiCert\, Inc.,C=US
69729b8e15a86efc177a57afb7171dfc64add28c2fca8cf1507e34453ccb1470	CN=ISRG Root X2,O=Internet Security Research Group,C=US
125609aa301da0a249b97a8239cb6a34216f44dcac9f3954b14292f2e8c8608f	CN=emSign Root CA - C1,O=eMudhra Inc,OU=emSign PKI,C=US
eb7e05aa58e7bd328a282bf8867033f3c035342b516ee85c01673dffffbbfe58	CN=NetLock Platina (Class Platinum) Főtanúsítvány,OU=Tanúsítványkiadók (Certification Services),O=NetLock Kft.,L=Budapest,C=HU
3fd4be8baad2f26e1bde06c7584bb720dd1a972d111f5a4999bc44b08fb4960d	CN=Microsoft ECC TS Root Certificate Authority 2018,O=Microsoft Corporation,L=Redmond,ST=Washington,C=US
6e1fd3ae0d2d477c8f5ee5f335cc5b6356872654e5356a73d8c0a30a17c252a2	CN=QuoVadis TLS ECC P384 Root G4,O=QuoVadis Trustlink B.V.,C=NL
d43af9b35473755c9684fc06d7d8cb70ee5c28e773fb294eb41ee71722924d24	CN=UCA Extended Validation Root,O=UniTrust,C=CN
0c2cd63df7806fa399ede809116b575bf87989f06518f9808c860503178baf66	CN=COMODO Certification Authority,O=COMODO CA Limited,L=Salford,ST=Greater Manchester,C=GB
81a9088ea59fb364c548a6f85559099b6f0405efbf18e5324ec9f457ba00112f	C=DE,O=Atos,CN=Atos TrustedRoot Root CA RSA TLS 2021
136335439334a7698016a0d324de72284e079d7b5220bb8fbd747816eebeBaca	CN=Global Chambersign Root - 2008,O=AC Camerfirma S.A.,2.5.4.5=A82743287,L=Madrid (see current address at <a href="http://www.camerfirma.com/address">www.camerfirma.com/address</a> ),C=EU
9bea11c976fe014764c1be56a6f914b5a560317abd9988393382e5161aa0493c	CN=UCA Global G2 Root,O=UniTrust,C=CN
358df39d764af9e1b766e9c972df352ee15cfac227af6ad1d70e8e4a6edcba02	CN=Microsoft ECC Root Certificate Authority 2017,O=Microsoft
bd71fdf6da97e4cf62d1647add2581b07d79adf8397eb4ecba9c5e8488821423	CN=AffirmTrust Premium ECC,O=AffirmTrust,C=US
1e51942b84fd467bf77d1c89da241c04254dc8f3ef4c22451fe7a89978bdcd4f	CN=ePKI Root Certification Authority - G2,O=Chunghwa Telecom Co.\,
cb3ccbb76031e5e0138f8dd39a23f9de47ffc35e43c1144cea27d46a5ab1cb5f	CN=DigiCert Global Root G2,OU=www.digicert.com,O=DigiCert Inc,C=US
a1339d33281a0b56e557d3d32b1ce7f9367eb094bd5fa72a7e5004c8ded7cafe	CN=SZAFIR ROOT CA2,O=Krajowa Izba Rozliczeniowa S.A.,C=PL
b4585f22e4ac756a4e8612a1361c5d9d031a93fd84febb778fa3068b0fc42dc2	CN=Certainly Root E1,O=Certainly,C=US

Fingerprint	Subject
945bbc825ea554f489d1fd51a73ddf2ea624ac7019a05205225c22a78ccfa8b4	CN=Trustwave Global ECC P256 Certification Authority,O=Trustwave Holdings\, Inc.,L=Chicago,ST=Illinois,C=US
3f034bb5704d44b2d08545a02057de93ebf3905fce721acbc730c06ddae904e	CN=SecureSign Root CA12,O=Cybertrust Japan Co.\, Ltd.,C=JP
8fe4fb0af93a4d0d67db0bebb23e37c71bf325dcbcd240ea04daf58b47e1840	CN=QuoVadis Root CA 2 G3,O=QuoVadis Limited,C=BM
57de0583efd2b26e0361da99da9df4648def7ee8441c3b728afa9bcde0f9b26a	CN=Autoridad de Certificacion Firmaprofesional CIF A62634068,C=ES
420332ef876ebe78f2af5d28aaacde24aad0c10f8ffaac469efd7bd941929568	CN=Entrust P384 TLS Root CA - 2022,O=Entrust\, Inc.,C=US
86a1ecba089c4a8d3bbe2734c612ba341d813e043cf9e8a862cd5c57a36bbe6b	CN=emSign ECC Root CA - G3,O=eMudhra Technologies Limited,OU=emSign PKI,C=IN
513b2cecb810d4cde5dd85391adfc6c2dd60d87bb736d2b521484aa47a0ebef6	OU=Security Communication RootCA2,O=SECOM Trust Systems
c0a6f4dc63a24bfdcf54ef2a6a082a0a72de35803e2ff5ff527ae5d87206dfd5	OU=ePKI Root Certification Authority,O=Chunghwa Telecom Co.\, Ltd.,C=TW
0376ab1d54c5f9803ce4b2e201a0ee7eef7b57b636e8a93c9b8d4860c96f5fa7	CN=AffirmTrust Commercial,O=AffirmTrust,C=US
cecddc905099d8dadfc5b1d209b737cbe2c18cfb2c10c0ff0bcf0d3286fc1aa2	CN=XRamp Global Certification Authority,O=XRamp Security Services Inc,OU=www.xrampsecurity.com,C=US
88497f01602f3154246ae28c4d5aef10f1d87ebb76626f4ae0b7f95ba7968799	CN=EC-ACC,OU=Jerarquia Entitats de Certificacio Catalanes,OU=Vegeu <a href="https://www.catcert.net/verarrel">https://www.catcert.net/verarrel</a> (c)03,OU=Serveis Publics de Certificacio,O=Agencia Catalana de Certificacio (NIF Q-0801176-I),C=ES
a7dedf5a842167dd12fdaa0f2080e73295b8b8bea71b2094ea0950945a482fc1	CN=AffirmTrust 4K TLS Root CA - 2022,O=AffirmTrust,C=CA
40f6af0346a99aa1cd1d555a4e9cce62c7f9634603ee406615833dc8c8d00367	CN=emSign Root CA - G1,O=eMudhra Technologies Limited,OU=emSign
db3517d1f6732a2d5ab97c533ec70779ee3270a62fb4ac4238372460e6f01e88	CN=Entrust Root Certification Authority - G4,OU=(c) 2015 Entrust\, Inc. - for authorized use only,OU=See <a href="http://www.entrust.net/legal-terms">www.entrust.net/legal-terms</a> ,O=Entrust\,
5546a52504fba74f61ffd4890067529ade3b9c9d07e502592831ccda9b369fd3	CN=DVV Gov. Root CA - G3 ECC,OU=Varmennepalvelut,OU=Certification Authority Services,O=Digi- ja vaestotietovirasto CA,C=FI
5e3571f33f45a7df1537a68b5ffb9e036af9d2f5bc4c9717130dc43d7175aac7	1.2.840.113549.1.9.1=info@globaltrust.info,CN=GLOBALTRUST,OU=GLOBALTRUST Certification Service,O=ARGE DATEN - Austrian Society for Data Protection,ST=Austria,L=Vienna,C=AT
242b69742fcb1e5b2abf98898b94572187544e5b4d9911786573621f6a74b82c	CN=Telia Root CA v2,O=Telia Finland Oyj,C=FI

Fingerprint	Subject
fe7696573855773e37a95e7ad4d9cc96c30157c15d31765ba9b15704e1ae78fd	CN=Certum Trusted Root CA,OU=Certum Certification Authority,O=Asseco Data Systems S.A.,C=PL
30fbba2c32238e2a98547af97931e550428b9b3f1c8eeb6633dcfa86c5b27dd3	CN=vTrus ECC Root CA,O=iTrusChina Co.,Ltd.,C=CN
2a99f5bc1174b73cbb1d620884e01c34e51ccb3978da125f0e33268883bf4158	CN=Certinomis - Root CA,OU=0002 433998903,O=Certinomis,C=FR
578af4ded0853f4e5998db4aeaf9cbea8d945f60b620a38d1a3c13b2bc7ba8e1	CN=Telekom Security TLS ECC Root 2020,O=Deutsche Telekom Security GmbH,C=DE
fad540811afae0dc767cdf6572a088fa3ce8493dd82b3b869a67d10aab4e8124	CN=SI-TRUST Root,2.5.4.97=VATSI-17659957,O=Republika Slovenija,C=SI
d7a7a0fb5d7e2731d771e9484ebcdef71d5f0c3e0a2948782bc83ee0ea699ef4	CN=AAA Certificate Services,O=Comodo CA Limited,L=Salford,ST=Greater Manchester,C=GB
d3ed3fc40ad26b52e001e1e18f4b9449529deb75a81d5eb680d7b62db23ba96d	CN=DVV Gov. Root CA - G3 RSA,OU=Varmennepalvelut,OU=Certification Authority Services,O=Digi- ja vaestotietovirasto CA,C=FI
8e8221b2e7d4007836a1672f0dcc299c33bc07d316f132fa1a206d587150f1ce	CN=D-TRUST EV Root CA 2 2023,O=D-Trust GmbH,C=DE
ebc5570c29018c4d67b1aa127baf12f703b4611ebc17b7dab5573894179b93fa	OU=AC RAIZ FNMT-RCM,O=FNMT-RCM,C=ES
11437cda7bb45e41365f45b39a38986b0de00def348e0c7bb0873633800bc38b	CN=CommScope Public Trust ECC Root-01,O=CommScope,C=US
ebd41040e4bb3ec742c9e381d31ef2a41a48b6685c96e7cef3c1df6cd4331c99	CN=GlobalSign Root CA,OU=Root CA,O=GlobalSign nv-sa,C=BE
beb00b30839b9bc32c32e4447905950641f26421b15ed089198b518ae2ea1b99	CN=e-Szigno Root CA 2017,2.5.4.97=VATHU-23584497,O=Microsec Ltd.,L=Budapest,C=HU
59769007f7685d0fcd50872f9f95d5755a5b2b457d81f3692b610a98672f0e1b	CN=TWCA Global Root CA,OU=Root CA,O=TAIWAN-CA,C=TW
70a73f7f376b60074248904534b11482d5bf0e698ecc498df52577ebf2e93b9a	CN=AffirmTrust Premium,O=AffirmTrust,C=US
caca93b9d23d2b6fa76e8b8471931e0df3ec6f63af3cddb936c41954a1872326	CN=Microsoft ECC Product Root Certificate Authority 2018,O=Microsoft Corporation,L=Redmond,ST=Washington,C=US
3a6308acd77a5a33d8da04d669fa00f8e5ae153f259087678b76bf1654b30a06	CN=Cisco ECC Root CA,O=Cisco
c8a2d38a24f5ac302d8a08ebd38923d9a750b49220f092e82d1c53249e1533d0	CN=QuoVadis TLS RSA 4096 Root G4,O=QuoVadis Trustlink B.V.,C=NL
bfd88fe1101c41ae3e801bf8be56350ee9bad1a6b9bd515edc5c6d5b8711ac44	CN=TWCA Root Certification Authority,OU=Root CA,O=TAIWAN-CA,C=TW
04f1bec36951bc1454a904ce32890c5da3cde1356b7900f6e62dfa2041ebad51	CN=CHAMBERS OF COMMERCE ROOT - 2016,O=AC CAMERFIRMA S.A.,2.5.4.97=VATES-A82743287,2.5.4.5=A82743287,OU=CHAMBERS OF COMMERCE ROOT - 2016,OU=see current address at <a href="http://www.camerfirma.com/address">www.camerfirma.com/address</a> ,L=MADRID,ST=MADRID,C=ES

Fingerprint	Subject
cd85167b3935e27bcc3b0f5fa24c8457882d0bb994f88269a7f72829d957eae9	CN=Cisco Root CA M2,O=Cisco
65353833cf234c79562164f90849c0d104dbabf8ee41064d83e8cbe03ba1c5a5	CN=Netrust Root CA 2,OU=Netrust Certificate Authority,O=Netrust Pte
3417bb06cc6007da1b961c920b8ab4ce3fad820e4aa30b9acbc4a74ebdcebc65	CN=SSL.com Root Certification Authority ECC,O=SSL Corporation,L=Houston,ST=Texas,C=US
c1d80ce474a51128b77e794a98aa2d62a0225da3f419e5c7ed73dfbf660e7109	CN=GLOBAL CHAMBERSIGN ROOT - 2016,O=AC CAMERFIRMA S.A.,2.5.4.97=VATES-A82743287,2.5.4.5=A82743287,OU=GLOBAL CHAMBERSIGN ROOT - 2016,OU=see current address at
c3846bf24b9e93ca64274c0ec67c1ecc5e024ffcacd2d74019350e81fe546ae4	OU=Go Daddy Class 2 Certification Authority,O=The Go Daddy Group\,
2a8da2f8d23e0cd3b5871ecfb0f42276ca73230667f474eede71c5ee32cc3ec6	CN=Thailand National Root Certification Authority - G1,OU=Thailand National Root Certification Authority,O=Electronic Transactions Development Agency (Public Organization),C=TH
d947432abde7b7fa90fc2e6b59101b1280e0e1c7e4e40fa3c6887fff57a7f4cf	CN=GTS Root R1,O=Google Trust Services LLC,C=US
fd73dad31c644ff1b43bef0ccdda96710b9cd9875eca7e31707af3e96d522bbd	CN=T-TeleSec GlobalRoot Class 3,OU=T-Systems Trust Center,O=T-Systems Enterprise Services GmbH,C=DE
efc65cadbb59adb6efe84da22311b35624b71b3b1ea0da8b6655174ec8978646	CN=Telekom Security TLS RSA Root 2023,O=Deutsche Telekom Security GmbH,C=DE
31ad6648f8104138c738f39ea4320133393e3a18cc02296ef97c2ac9ef6731d0	CN=DigiCert Global Root G3,OU=www.digicert.com,O=DigiCert Inc,C=US
937ef8f12276b3c7a3f58e345d09a6eff01f862f8d2794441cd84d511825fa0c	CN=Entrust P384 EV TLS Root CA - 2022,O=Entrust\, Inc.,C=US
371a00dc0533b3721a7eeb40e8419e70799d2b0a0f2c1d80693165f7cec4ad75	CN=DigiCert TLS RSA4096 Root G5,O=DigiCert\, Inc.,C=US
4fa3126d8d3a11d1c4855a4f807cbad6cf919d3a5a88b03bea2c6372d93c40c9	CN=GlobalSign Root R46,O=GlobalSign nv-sa,C=BE
bef256daf26e9c69bdec1602359798f3caf71821a03e018257c53c65617f3d4a	CN=FIRMAPROFESIONAL CA ROOT-A WEB,2.5.4.97=VATES-A62634068,O=Firmaprofesional SA,C=ES
e778f0f095fe843729cd1a0082179e5314a9c291442805e1fb1d8fb6b8886c3a	CN=SecureSign Root CA15,O=Cybertrust Japan Co.\, Ltd.,C=JP
02bdf96e2a45dd9bf18fc7e1dbdf21a0379ba3c9c2610344cfd8d606fec1ed81	CN=CommScope Public Trust RSA Root-01,O=CommScope,C=US
b2fae53e14ccd7ab9212064701ae279c1d8988facb775fa8a008914e663988a8	C=DE,O=Atos,CN=Atos TrustedRoot Root CA ECC TLS 2021
179fbc148a3dd00fd24ea13458cc43bfa7f59c8182d783a513f6ebec100c8924	CN=GlobalSign,O=GlobalSign,OU=GlobalSign ECC Root CA - R5
88f438dcf8ffd1fa8f429115ffe5f82ae1e06e0c70c375faad717b34a49e7265	CN=NAVER Global Root Certification Authority,O=NAVER BUSINESS PLATFORM Corp.,C=KR

Fingerprint	Subject
bc104f15a48be709dca542a7e1d4b9df6f054527e802eaa92d595444258afe71	CN=Hellenic Academic and Research Institutions RootCA 2011,O=Hellenic Academic and Research Institutions Cert. Authority,C=GR
2ce1cb0bf9d2f9e102993fbe215152c3b2dd0cabde1c68e5319b839154dbb7f5	CN=Starfield Root Certificate Authority - G2,O=Starfield Technologies\, Inc.,L=Scottsdale,ST=Arizona,C=US
6dc47172e01cbcb0bf62580d895fe2b8ac9ad4f873801e0c10b9c837d21eb177	CN=Entrust.net Certification Authority (2048),OU=(c) 1999 Entrust.net Limited,OU=www.entrust.net/CPS_2048 incorp. by ref. (limits
30d0895a9a448a262091635522d1f52010b5867acae12c78ef958fd4f4389f2f	CN=IdenTrust Public Sector Root CA 1,O=IdenTrust,C=US
6ab2ab75f51cb4f4f0156203fbf6f646232f514be059f62833308b82b4d72db1	CN=SECOM TLS ECC Root CA 2024,O=SECOM Trust Systems Co.\, Ltd.,C=JP
2605875afcc176b2d66dd66a995d7f8d5ebb86ce120d0e7e9e7c6ef294a27d4c	C=IL,O=ComSign Ltd.,CN=ComSign Global Root CA
07cd9aa9064a9b94c6aef8fb784c1bbc1beda08acbe86878d781a39167626cf8	CN=Visa Public RSA Root CA,OU=Visa International Service Association,O=VISA,C=US
06c08d7dafd876971eb1124fe67f847ec0c7a158d3ea53cbe940e2ea9791f4c3	CN=TrustAsia TLS RSA Root CA,O=TrustAsia Technologies\, Inc.,C=CN
c45d7bb08e6d7e62e4235110b564e5f78fd92ef058c840aea4e6455d7585c60	CN=GTS Root R2,O=Google Trust Services LLC,C=US
9ee289cc39971c15e94beb65142d360b5873feb970de1f9fda53ac26d10b25c6	CN=IT Application Root CA,O=Cisco,OU=Pollux
f3896f88fe7c0a882766a7fa6ad2749fb57a7f3e98fb769c1fa7b09c2c44d5ae	CN=BJCA Global Root CA1,O=BEIJING CERTIFICATE AUTHORITY,C=CN
e23d4a036d7b70e9f595b1422079d2b91edfbb1fb651a0633eaa8a9dc5f80703	CN=CA Disig Root R2,O=Disig a.s.,L=Bratislava,C=SK
9a114025197c5bb95d94e63d55cd43790847b646b23cdf11ada4a00eff15fb48	CN=Buypass Class 2 Root CA,O=Buypass AS-983163327,C=NO
eec5496b988ce98625b934092eec2908bed0b0f316c2d4730c84eaf1f3d34881	CN=D-TRUST Root Class 3 CA 2 EV 2009,O=D-Trust GmbH,C=DE
5a2fc03f0c83b090bbfa40604b0988446c7636183df9846e17101a447fb8efd6	CN=Hongkong Post Root CA 3,O=Hongkong Post,L=Hong Kong,ST=Hong
7e37cb8b4c47090cab36551ba6f45db840680fba166a952db100717f43053fc2	CN=DigiCert Assured ID Root G3,OU=www.digicert.com,O=DigiCert Inc,C=US
62dd0be9b9f50a163ea0f8e75c053b1eca57ea55c8688f647c6881f2c8357b95	CN=SwissSign Gold CA - G2,O=SwissSign AG,C=CH
eea962c4fa4a6bafbe415196d351ccd888d4f53f3fa8ae6d7c466a94e6042bb	OU=certSIGN ROOT CA,O=certSIGN,C=RO
416b1f9e84e74c1d19b23d8d7191c6ad81246e641601f599132729f507beb3cc	CN=GLOBALTRUST 2015,OU=GLOBALTRUST Certification Service,O=e-commerce monitoring GmbH,L=Wien,ST=Wien,C=AT
85a0dd7dd720adb7ff05f83d542b209dc7ff4528f7d677b18389fea5e5c49e86	CN=QuoVadis Root CA 2,O=QuoVadis Limited,C=BM
18f1fc7f205df8adddeb7fe007dd57e3af375a9c4d8d73546bf4f1fed1e18d35	CN=QuoVadis Root CA 3,O=QuoVadis Limited,C=BM

Fingerprint	Subject
5ab4fcdb180b5b6af0d262a2375a2c77d25602015d96648756611e2e78c53ad3	CN=Fina Root CA,O=Financijska agencija,C=HR
bc4d809b15189d78db3e1d8cf4f9726a795da1643ca5f1358e1ddb0edc0d7eb3	CN=emSign ECC Root CA - C3,O=eMudhra Inc,OU=emSign PKI,C=US
d7ba3f4ff8ad05633451470dda3378a3491b90005e5c687d2b68d53647cfdd66	CN=Halcom Root Certificate Authority,2.5.4.97=VATSI-43353126,O=Halcom d.d.,C=SI
8faf7d2e2cb4709bb8e0b33666bf75a5dd45b5de480f8ea8d4bfe6bebc17f2ed	CN=SSL.com TLS RSA Root CA 2022,O=SSL Corporation,C=US
3c5f81fea5fab82c64bfa2eaecafcd8e077fc8620a7cae537163df36edbf378	1.2.840.113549.1.9.1=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU
88ef81de202eb018452e43f864725cea5fbd1fc2d9d205730709c5d8b8690f46	CN=QuoVadis Root CA 3 G3,O=QuoVadis Limited,C=BM
9a296a5182d1d451a2e37f439b74daafa267523329f90f9a0d2007c334e23c9a	CN=GLOBALTRUST 2020,O=e-commerce monitoring GmbH,C=AT
6c61dac3a2def031506be036d2a6fe401994fbd13df9c8d466599274c446ec98	CN=NetLock Arany (Class Gold) Főtanúsítvány,OU=Tanúsítványkiadók (Certification Services),O=NetLock Kft.,L=Budapest,C=HU
55926084ec963a64b96e2abe01ce0ba86a64fbfcbcc7aab5afc155b37fd76066	CN=Actalis Authentication Root CA,O=Actalis
04048028bf1f2864d48f9ad4d83294366a828856553f3b14303f90147f5d40ef	CN=Autoridad de Certificacion Firmaprofesional CIF A62634068,C=ES
0552e6f83fd65e8fa9670e666df28a4e21340b510cbe52566f97c4fb94b2bd1	CN=D-TRUST BR Root CA 2 2023,O=D-Trust GmbH,C=DE
d649c40830aab9869f2536ff933c4050746659b31dfa735405e4f7ad447c20d5	CN=Cisco Basic Assurance Root CA 2099,O=Cisco
2a575471e31340bc21581cbd2cf13e158463203ece94bcf9d3cc196bf09a5472	CN=GTS Root R1,O=Google Trust Services LLC,C=US
6b328085625318aa50d173c98d8bda09d57e27413d114cf787a0f5d06c030cf6	CN=Certum EC-384 CA,OU=Certum Certification Authority,O=Asseco Data Systems S.A.,C=PL
9a6ec012e1a7da9dbe34194d478ad7c0db1822fb071df12981496ed104384113	C=ES,O=ACCV,OU=PKIACCV,CN=ACCVRAIZ1
c0076b9ef0531fb1a656d67c4ebe97cd5dbaa41ef44598acc2489878c92d8711	CN=TrustAsia TLS ECC Root CA,O=TrustAsia Technologies\, Inc.,C=CN
407c276bead2e4af0661ef6697341dec0a1f9434e4eafb2d3d32a90549d9de4a	CN=GPKIRootCA1,OU=GPKI,O=Government of Korea,C=KR
7a38f708a35a31e42e1cf3220f9a2d273e7666354618b2464657d43d8e77adc2	CN=A-Trust-Root-09,OU=A-Trust-Root-09,O=A-Trust GmbH,C=AT
a3cc68595dfe7e86d8ad1772a8b5284add54ace3b8a798df47bccafb1fdb84df	CN=Hotspot 2.0 Trust Root CA - 03,O=WFA Hotspot 2.0,C=US
8d25cd97229dbf70356bda4eb3cc734031e24cf00fafcfd32dc76eb5841c7ea8	CN=GTS Root R2,O=Google Trust Services LLC,C=US
22a2c1f7bded704cc1e701b5f408c310880fe956b5de2a4a44f99c873a25a7c8	CN=SSL.com EV Root Certification Authority ECC,O=SSL Corporation,L=Houston,ST=Texas,C=US
edf7ebbca27a2a384d387b7d4010c666e2edb4843e4c29b4ae1d5b9332e6b24d	CN=Buypass Class 3 Root CA,O=Buypass AS-983163327,C=NO

Fingerprint	Subject
e74fbda55bd564c473a36b441aa799c8a68e077440e8288b9fa1e50e4bbaca11	CN=Security Communication ECC RootCA1,O=SECOM Trust Systems CO.,LTD.,C=JP
e0d3226aeb1163c2e48ff9be3b50b4c6431be7bb1eacc5c36b5d5ec509039a08	CN=TrustAsia Global Root CA G3,O=TrustAsia Technologies\, Inc.,C=CN
2399561127a57125de8cefea610ddf2fa078b5c8067f4e828290bfb860e84b3c	CN=VeriSign Universal Root Certification Authority,OU=(c) 2008 VeriSign\, Inc. - For authorized use only,OU=VeriSign Trust Network,O=VeriSign\, Inc.,C=US
1435f225c5d252d7a21948cc3ce62aecfa88001e3dd72d1cc3555100eb372f93	CN=SECOM TLS RSA Root CA 2024,O=SECOM Trust Systems Co.\, Ltd.,C=JP
71cca5391f9e794b04802530b363e121da8a3043bb26662fea4dca7fc951a4bd	CN=GTS Root R4,O=Google Trust Services LLC,C=US
8ecde6884f3d87b1125ba31ac3fcb13d7016de7f57cc904fe1cb97c6ae98196e	CN=Amazon Root CA 1,O=Amazon,C=US
55903859c8c0c3ebb8759ece4e2557225ff5758bbd38ebd48276601e1bd58097	CN=Trustwave Global ECC P384 Certification Authority,O=Trustwave Holdings\, Inc.,L=Chicago,ST=Illinois,C=US
ac7f7862e685c7a7d9826a58ea32d183d4893fcc8f8fd6d900c9769a987e77f0	CN=PostSignum Root QCA 4,O=Česká pošta\, s.p.,2.5.4.97=NTRCZ-
1ba5b2aa8c65401a82960118f80bec4f62304d83cec4713a19c39c011ea46db4	CN=Amazon Root CA 2,O=Amazon,C=US
bfff8fd04433487d6a8aa60c1a29767a9fc2bbb05e420f713a13b992891d3893	CN=GDCA TrustAUTH R5 ROOT,O=GUANG DONG CERTIFICATE AUTHORITY CO.,LTD.,C=CN
209e956af04df3996507c887d356230d6eb49fdbdd2d8a058ff50b8f80f690aa	CN=Australian Defence Public Root CA,OU=CAs,OU=PKI,OU=DoD,O=GOV,C=AU
b49141502d00663d740f2e7ec340c52800962666121a36d09cf7dd2b90384fb4	CN=e-Szigno TLS Root CA 2023,2.5.4.97=VATHU-23584497,O=Microsec Ltd.,L=Budapest,C=HU
c90f26f0fb1b4018b22227519b5ca2b53e2ca5b3be5cf18efe1bef47380c5383	CN=Sectigo Public Server Authentication Root E46,O=Sectigo Limited,C=GB
bec94911c2955676db6c0a550986d76e3ba005667c442c9762b4fbb773de228c	CN=GlobalSign,O=GlobalSign,OU=GlobalSign ECC Root CA - R4
3f63bb2814be174ec8b6439cf08d6d56f0b7c405883a5648a334424d6b3ec558	CN=TWCA CYBER Root CA,OU=Root CA,O=TAIWAN-CA,C=TW
7bb647a62aeac88bf257aa522d01ffea395e0ab45c73f93f65654ec38f25a06	CN=Sectigo Public Server Authentication Root R46,O=Sectigo Limited,C=GB
3f548ce635f4fdcd819d6f237ce47bc42b01ae14db2b8733656eb52dcca49d6	CN=Device Identity Basic Assurance Root CA 2099
52f0e1c4e58ec629291b60317f074671b85d7ea80d5b07273463534b32b40234	CN=COMODO RSA Certification Authority,O=COMODO CA Limited,L=Salford,ST=Greater Manchester,C=GB
e59aaa816009c22bff5b25bad37df306f049797c1f81d85ab089e657bd8f0044	CN=D-TRUST BR Root CA 1 2020,O=D-Trust GmbH,C=DE
91e2f5788d5810eba7ba58737de1548a8ecacd014598bc0b143e041b17052552	CN=T-TeleSec GlobalRoot Class 2,OU=T-Systems Trust Center,O=T-Systems Enterprise Services GmbH,C=DE

Fingerprint	Subject
<b>CA trust list for Multiplatform Phones</b>	
Fingerprint	Subject
f4336bc2ac75950beccf1c1f2f9da6dddafd1f41161ca71f59c76889bd474033	CN=ANCERT Certificados CGN V2,O=Agencia Notarial de Certificacion S.L.U. - CIF B83395988,C=ES
02ed0eb28c14da45165c566791700d6451d7fb56f0b2ab1d3b8eb070e56edff5	CN=Entrust Root Certification Authority - EC1,OU=(c) 2012 Entrust\, Inc. - for authorized use only,OU=See www.entrust.net/legal-terms,O=Entrust\,
604d32d036895aed3bfefaeb727c009ec0f2b3cdfa42a1c71730e6a72c3be9d4	CN=MULTICERT Root Certification Authority 01,O=MULTICERT - Serviços de Certificação Electrónica S.A.,C=PT
f1c1b50ae5a20dd8030ec9f6bc24823dd367b5255759b4e71b61fce9f7375d73	CN=SecureTrust CA,O=SecureTrust Corporation,C=US
4348a0e9444c78cb265e058d5e8944b4d84f9662bd26db257f8934a443c70161	CN=DigiCert Global Root CA,OU=www.digicert.com,O=DigiCert Inc,C=US
e6be68ce06fe0da0c140f1aeb00b67b636c5eea9422088929362375ce086db39	CN=Visa Public ECC Root CA,OU=Visa International Service Association,O=VISA,C=US
a040929a02ce53b4acf4f2ffc6981ce4496f755e6d45fe0b2a692bcd52523f36	CN=Hellenic Academic and Research Institutions RootCA 2015,O=Hellenic Academic and Research Institutions Cert. Authority,L=Athens,C=GR
552f7bdcf1a7af9e6ce672017f4f12abf77240c78e761ac203d1d9d20ac89988	CN=DigiCert Trusted Root G4,OU=www.digicert.com,O=DigiCert Inc,C=US
44b545aa8a25e65a73ca15dc27fc36d24c1cb9953a066539b11582dc487b4833	CN=Hellenic Academic and Research Institutions ECC RootCA 2015,O=Hellenic Academic and Research Institutions Cert. Authority,L=Athens,C=GR
5c58468d55f58e497e743982d2b50010b6d165374acf83a7d4a32db768c4408e	CN=Certum Trusted Network CA,OU=Certum Certification Authority,O=Unizeto Technologies S.A.,C=PL
a7c8681042f3675aa8505d3ba313d80f8ac3250fdf874ad29b834689c087fb11	CN=NAVER Cloud Trust Services ECC Root G1,O=NAVER Cloud Trust Services Corp.,C=KR
1a0d20445de5ba1862d19ef880858cbce50102b36e8f0a040c3c69e74522fe6e	CN=COMODO Certification Authority,O=COMODO CA Limited,L=Salford,ST=Greater Manchester,C=GB
554153b13d2cf9ddb753bfbe1a4e0ae08d0aa4187058fe60a2b862b2e4b87bcb	CN=AC RAIZ FNMT-RCM SERVIDORES SEGUROS,2.5.4.97=VATES-Q2826004J,OU=Ceres,O=FNMT-RCM,C=ES

Fingerprint	Subject
08170d1aa36453901a2f959245e347db0c8d37abaabc56b81aa100dc958970db	CN=D-TRUST EV Root CA 1 2020,O=D-Trust GmbH,C=DE
be4b56cb5056c0136a526df444508daa36a0b54f42e4ac38f72af470e479654c	CN=TrustAsia Global Root CA G4,O=TrustAsia Technologies\, Inc.,C=CN
97552015f5ddfc3c8788c006944555408894450084f100867086bc1a2bb58dc8	CN=Trustwave Global Certification Authority,O=Trustwave Holdings\, Inc.,L=Chicago,ST=Illinois,C=US
f1b52392c4a4ec2a8709b1308304a911ffcec2ce0b63a94fbe969164567c4925	CN=Cisco Licensing Root CA,O=Cisco
50df022dfa477185b4032a19196cb9840e29a87298830c5962d23f9b0a07dd5e	CN=Internal Private Root,O=Cisco,OU=Corvus
647987d98d52645da4d3de3b80771a0ce02b9b9285e6e86999882170744ec9aa	CN=Entrust 4K EV TLS Root CA - 2022,O=Entrust\, Inc.,C=US
4b009c1034494f9ab56bba3ba1d62731fc4d20d8955adcec10a925607261e338	CN=SecureSign Root CA14,O=Cybertrust Japan Co.\, Ltd.,C=JP
7a77c6c61eeeb9aa65c4ea410d65d895b26a81123283009db104b48de80b2479	CN=OATI WebCARES Root CA,O=Open Access Technology International Inc,L=Minneapolis,ST=MN,C=US
1793927a0614549789adce2f8f34f7f0b66d0f3ae3a3b84d21ec15dbba4fad7	CN=COMODO ECC Certification Authority,O=COMODO CA Limited,L=Salford,ST=Greater Manchester,C=GB
96bcec06264976f37460779acf28c5a7cfe8a3c0aae11a8ffcee05c0bddf08c6	CN=ISRG Root X1,O=Internet Security Research Group,C=US
fb8fec759169b9106b1e511644c618c51304373f6c0643088d8beffd1b997599	CN=ANF Secure Server Root CA,OU=ANF CA Raiz,O=ANF Autoridad de Certificacion,C=ES,2.5.4.5=G63287510
7431e5f4c3c1ce4690774f0b61e05440883ba9a01ed00ba6abd7806ed3b118cf	CN=DigiCert High Assurance EV Root CA,OU=www.digicert.com,O=DigiCert Inc,C=US
0da80cc491638f8c756396e0afac16079829fa06697bfe6d7ee93a6a0c9e212d	CN=IT Private Root CA,O=Cisco,OU=Phoenix
1501f89c5c4dcf36cf588a17c9fd7cfceb9ee01e8729be355e25de80eb6284b4	C=ES,O=EDICOM,CN=CAEDICOM Root
cbb522d7b7f127ad6a0113865bdf1cd4102e7d0759af635a7cf4720dc963c53b	CN=GlobalSign,O=GlobalSign,OU=GlobalSign Root CA - R3
c2157309d9aee17bf34f4df5e88dbaeba57e0361eb814cbc239f4d54d329a38d	CN=Főtanúsítványkiadó - Kormányzati Hitelesítés Szolgáltató,O=NISZ Nemzeti Infokommunikációs Szolgáltató Zrt.,L=Budapest,C=HU
24a55c2ab051442d0617766541239a4ad032d7c55175aa34ffde2fbc4f5c5294	CN=Security Communication RootCA3,O=SECOM Trust Systems CO.\,LTD.,C=JP
1465fa205397b876faa6f0a9958e5590e40fcc7faa4fb7c2c8677521fb5fb658	OU=Starfield Class 2 Certification Authority,O=Starfield Technologies\, Inc.,C=US
c1468cf2254e6004b24696aba209d1a30ba6e2dff68a9a4e32c6ab414f90c8d9	CN=DigiCert ECC P384 Root G5,O=DigiCert\, Inc.,C=US
8f9adb6d895dab5adf5c3d3fab83927be0fb64ef82485c62280d584e8bd55d22	CN=Swedish Government Root Authority v3,O=Swedish Social Insurance Agency,C=SE

Fingerprint	Subject
0a81ec5a929777f145904af38d5d509f66b5e2c58fcd531058b0e17f3f0b41b	CN=AffirmTrust Networking,O=AffirmTrust,C=US
49a2762987788d4834b32305d767760f244d507742e8c2539fd4ca3ad52c16ee	CN=NAVER Cloud Trust Services RSA Root G1,O=NAVER Cloud Trust Services Corp.,C=KR
574df6931e278039667b720afdc1600fc27eb66dd3092979fb73856487212882	CN=BJCA Global Root CA2,O=BEIJING CERTIFICATE AUTHORITY,C=CN
dec669e322e07cd7c60a56904bf50c29fa1e75071723fc103577e27b226968d5	CN=TRS Bundle Root CA,O=Cisco
e7e12793643f18bee5b8e53ab5803bb3d59d8e63d14ce6346c004b0dfa34fecc	CN=Cisco Root CA 2099,O=Cisco
018e13f0772532cf809bd1b17281867283fc48c6e13be9c69812854a490c1b05	CN=DigiCert TLS ECC P384 Root G5,O=DigiCert\, Inc.,C=US
6ec6614e9a8efd47d6318ffdfd0bf65b493a141f77c38d0b319be1bbbc053dd2	CN=Swiss Government Root CA I,OU=Certification Authorities,OU=Services,O=The Federal Authorities of the Swiss Confederation,C=CH
349dfa4058c5e263123b398ae795573c4e1313c83fe68f93556cd5e8031b3c7d	CN=GTS Root R4,O=Google Trust Services LLC,C=US
c32ffd9f46f936d16c3673990959434b9ad60aafbb9e7cf33654f144cc1ba143	CN=SSL.com TLS ECC Root CA 2022,O=SSL Corporation,C=US
063e4afac491dfd332f3089b8542e94617d893d7fe944e10a7937ee29d9693c0	CN=Chambers of Commerce Root - 2008,O=AC Camerfirma S.A.,2.5.4.5=A82743287,L=Madrid (see current address at <a href="http://www.camerfirma.com/address">www.camerfirma.com/address</a> ),C=EU
f356bea244b7a91eb35d53ca9ad7864ace018e2d35d5f8f96ddf68a6f41aa474	C=DE,O=Atos,CN=Atos TrustedRoot 2011
9d55e2bade8ef7871cdc9e3dcabc0d92d50cd2602c0a70d573178d990a84cb71	CN=Cisco Basic Assurance SUDI Root CA RSA 4096 2099,O=Cisco
2e7bf16cc22485a7bbe2aa8696750761b0ae39be3b2fe9d0cc6d4ef73491425c	CN=SSL.com EV Root Certification Authority RSA R2,O=SSL Corporation,L=Houston,ST=Texas,C=US
847df6a78497943f27fc72eb93f9a637320a02b561d0a91b09e87a7807ed7c61	CN=Microsoft Root Certificate Authority 2011,O=Microsoft Corporation,L=Redmond,ST=Washington,C=US
f9a17a00e5c294ba9614a715819af57f3fd48cc413453fbb8a5fc7e97964e2bc	C=CZ,2.5.4.97=NTRCZ-26439395,O=První certifikační autorita\, a.s.,CN=I.CA TLS Root CA/RSA 05/2022
be6c4da2bbb9ba59b6f3939768374246c3c005993fa98f020d1dedbed48a81d5	CN=SwissSign Silver CA - G2,O=SwissSign AG,C=CH
43df5774b03e7fef5fe40d931a7bedf1bb2e6b42738c4e6d3841103d3aa7f339	CN=Entrust Root Certification Authority - G2,OU=(c) 2009 Entrust\, Inc. - for authorized use only,OU=See <a href="http://www.entrust.net/legal-terms">www.entrust.net/legal-terms</a> ,O=Entrust\,
3e9099b5015e8f486c00bcea9d111ee721faba355a89bcf1df69561e3dc6325c	CN=DigiCert Assured ID Root CA,OU= <a href="http://www.digicert.com">www.digicert.com</a> ,O=DigiCert Inc,C=US

Fingerprint	Subject
46edc3689046d53a453fb3104ab80dcaec658b2660ea1629dd7e867990648716	CN=TUBITAK Kamu SM SSL Kok Sertifikasi - Surum 1,OU=Kamu Sertifikasyon Merkezi - Kamu SM,O=Turkiye Bilimsel ve Teknolojik Arastirma Kurumu - TUBITAK,L=Gebze - Kocaeli,C=TR
3f99cc474acfce4dfed58794665e478d1547739f2e780f1bb4ca9b133097d401	CN=HARICA TLS ECC Root CA 2021,O=Hellenic Academic and Research Institutions CA,C=GR
4200f5043ac8590ebb527d209ed1503029fbcdb41ca1b506ec27f15ade7dac69	CN=Secure Global CA,O=SecureTrust Corporation,C=US
229ccc196d32c98421cc119e78486eebef603aecd525c6b88b47abb740692b96	CN=Cisco RXC-R2,O=Cisco Systems,C=US
d48d3d23eedb50a459e55197601c27774b9d7b18c94d5a059511a10250b93168	CN=Certigna Root CA,OU=0002 48146308100036,O=Dhimyotis,C=FR
2e44102ab58cb85419451c8e19d9acf3662cafbc614b6a53960a30f7d0e2eb41	CN=TunTrust Root CA,O=Agence Nationale de Certification Electronique,C=TN
77b82cd8644c4305f7acc5cb156b45675004033d51c60c6202a8e0c33467d3a0	CN=Certainly Root R1,O=Certainly,C=US
873f4685fa7f563625252e6d36bcd7f16fc24951f264e47e1b954f4908cdca13	CN=E-Tugra Global Root CA ECC v3,OU=E-Tugra Trust Center,O=E-Tugra EBG A.S.,L=Ankara,C=TR
41c923866ab4cad6b7ad578081582e020797a6cbdf4fff78ce8396b38937d7f5	CN=OISTE WISEKey Global Root GA CA,OU=OISTE Foundation Endorsed,OU=Copyright (c) 2005,O=WISEKey,C=CH
5cc3d78e4e1d5e45547a04e6873e64f90cf9536d1ccc2ef800f355c4c5fd70fd	CN=CFCA EV ROOT,O=China Financial Certification Authority,C=CN
8327bc8c9d69947b3de3c27511537267f59c21b9fa7b613fafbccd53b7024000	CN=Cisco Root CA 2048,O=Cisco Systems
1cf341ae35341ac3ae1dc68d5b10dc0c9dc1307656f75fd92ca2c68489d52e9a	CN=MOIS SSL Root CA,O=Ministry of the Interior and Safety,C=KR
b676f2eddae8775cd36cb0f63cd1d4603961f49e6265ba013a2f0307b6d0b804	CN=Certum Trusted Network CA 2,OU=Certum Certification Authority,O=Unizeto Technologies S.A.,C=PL
97f654859cbde586fd90311e82ec7902c238cba0d6e529564c9c88f44895ec50	CN=ACA ROOT,O=CONSEJO GENERAL DE LA ABOGACIA,2.5.4.5=Q2863006I,C=ES
3c4fb0b95ab8b30032f432b86f535fe172c185d0fd39865837cf36187fa6f428	CN=Staat der Nederlanden Root CA - G3,O=Staat der Nederlanden,C=NL
dd6936fe21f8f077c123a1a521c12224f72255b73e03a7260693e8a24b0fa389	CN=TeliaSonera Root CA v1,O=TeliaSonera
45140b3247eb9cc8c5b4f0d7b53091f73292089e6e5a63e2749dd3aca9198eda	CN=Go Daddy Root Certificate Authority - G2,O=GoDaddy.com\, Inc.,L=Scottsdale,ST=Arizona,C=US
34d8a73ee208d9bcdb0d956520934b4e40e69482596e8b6f73c8426b010a6f48	CN=GTS Root R3,O=Google Trust Services LLC,C=US

Fingerprint	Subject
73c176434f1bc6d5adf45b0e76e727287c8de57616c1e6e6141a2b2cbc7d8e4c	CN=Entrust Root Certification Authority,OU=(c) 2006 Entrust\, Inc.,OU=www.entrust.net/CPS is incorporated by reference,O=Entrust\, Inc.,C=US
657cfe2fa73faa38462571f332a2363a46fce7020951710702cdfbb6eeda3305	OU=certSIGN ROOT CA G2,O=CERTSIGN SA,C=RO
34bb34e14faed0d3392f2fc441c0ecd5fd88ad88118df2d1ba76cdec1eea10b8	OU=Saudi National Root CA,O=National Center for Digital Certification,C=SA
5e4b0e86fcd405d155e6740553b56ded9c598f9be235797693ab3022e268282	CN=Cisco Secure Access Root CA,O=Cisco,OU=Horologium
7d05ebb682339f8c9451ee094eebfefa7953a114edb2f44949452fab7d2fc185	CN=DigiCert Assured ID Root G2,OU=www.digicert.com,O=DigiCert Inc,C=US
85666a562ee0be5ce925c1d8890a6f76a87ec16d4d7d5f29ea7419cf20123b69	CN=SSL.com Root Certification Authority RSA,O=SSL Corporation,L=Houston,ST=Texas,C=US
e35d28419ed02025cfa69038cd623962458da5c695fbdea3c22b0bfb25897092	CN=Amazon Root CA 4,O=Amazon,C=US
2cabeafe37d06ca22aba7391c0033d25982952c453647349763a3ab5ad6ccf69	CN=GlobalSign,O=GlobalSign,OU=GlobalSign Root CA - R6
dd6c44b39401b053dbe61120748bbb0f6056007665c168e5c286750edc8df129	CN=Entrust 4K TLS Root CA - 2022,O=Entrust\, Inc.,C=US
d8e0febcb1db2e38d00940f37d27d41344d993e734b99d5656d9778d4d8143624	CN=Certum CA,O=Unizeto Sp. z o.o.,C=PL
193144f431e0fddb740717d4de926a571133884b4360d30e272913cbe660ce41	CN=SwissSign RSA TLS Root CA 2022 - 1,O=SwissSign AG,C=CH
6e0bff069a26994c15de2c4888cc54af84882e5495b7fbf66be9ccffec7489f6	CN=Autoridade Certificadora Raiz Brasileira v10,OU=Instituto Nacional de Tecnologia da Informacao - ITI,O=ICP-Brasil,C=BR
8560f91c3624daba9570b5fea0dbe36ff11a8323be9486854fb3f34a5571198d	CN=OISTE WISEKey Global Root GC CA,OU=OISTE Foundation Endorsed,O=WISEKey,C=CH
ffe943d793424b4f7c440c1c3d648d5363f34b82dc87aa7a9f118fc5dee101f1	CN=CommScope Public Trust RSA Root-02,O=CommScope,C=US
4ff460d54b9c86dabfbcfc5712e0400d2bed3fbc4d4fbdad86e06adcd2a9ad7a	CN=USERTrust ECC Certification Authority,O=The USERTRUST Network,L=Jersey City,ST=New Jersey,C=US
5d56499be4d2e08bcfcad08a3e38723d50503bde706948e42f55603019e528ae	CN=IdenTrust Commercial Root CA 1,O=IdenTrust,C=US
49e7a442acf0ea6287050054b52564b650e4f49e42e348d6aa38e039e957b1c1	CN=D-TRUST Root Class 3 CA 2 2009,O=D-Trust GmbH,C=DE
8a866fd1b276b57e578e921c65828a2bed58e9f2f288054134b7f1f4bfc9cc74	CN=QuoVadis Root CA 1 G3,O=QuoVadis Limited,C=BM
34ff2a4409dc1383e9f8966e8adfe5719eba373fd0ad5e2f49f90ee07cf5d4c1	CN=VRK Gov. Root CA - G2,OU=Varmennepalvelut,OU=Certification Authority Services,O=Vaestorekisterikeskus CA,C=FI
8a71de6559336f426c26e53880d00d88a18da4c6a91f0dcb6194e206c5c96387	CN=vTrus Root CA,O=iTrusChina Co.\,Ltd.,C=CN

Fingerprint	Subject
e793c9b02fd8aa13e21c31228accb08119643b749c898964b1746d46c3d4cbd2	CN=USERTrust RSA Certification Authority,O=The USERTRUST Network,L=Jersey City,ST=New Jersey,C=US
b724689b79b2ef9421ef8f5cc733eb093851b170ee715177005a09f226d8c91a	CN=CCA India 2022 SPL,O=India PKI,C=IN
15d5b8774619ea7d54ce1ca6d0b0c403e037a917f131e8a04e1e6b7a71babce5	CN=GTS Root R3,O=Google Trust Services LLC,C=US
2530cc8e98321502bad96f9b1fba1b099e2d299e0f4548bb914f363bc0d4531f	CN=lzenpe.com,O=IZENPE S.A.,C=ES
68ad50909b04363c605ef13581a939ff2c96372e3f12325b0a6861e1d59f6603	CN=Verizon Global Root CA,OU=OmniRoot,O=Verizon Business,C=US
568d6905a2c88708a4b3025190edcfedb1974a606a13c6e5290fcb2ae63edab5	CN=Starfield Services Root Certificate Authority - G2,O=Starfield Technologies\, Inc.,L=Scottsdale,ST=Arizona,C=US
6b9c08e86eb0f767cfad65cd98b62149e5494a67f5845e7bd1ed019f27b86bd6	CN=OISTE WISEKey Global Root GB CA,OU=OISTE Foundation Endorsed,O=WISEKey,C=CH
18ce6cfe7bf14e60b2e347b8dfe868cb31d02ebb3ada271569f50343b46db3a4	CN=Amazon Root CA 3,O=Amazon,C=US
cbb9c44d84b8043e1050ea31a69f514955d7bfd2e2c6b49301019ad61d9f5058	CN=GlobalSign Root E46,O=GlobalSign nv-sa,C=BE
705eaafc3ff488030017d59832603eefad514171b583808675f45c190e6378f8	CN=Cisco Root CA M1,O=Cisco
c741f70f4b2a8d88bf2e71c14122ef53ef10eba0cfa5e64cfa20f418853073e0	CN=Microsoft RSA Root Certificate Authority 2017,O=Microsoft Corporation,C=US
d3d607a9ff24a19523b6da9d2c649446f8788cb96d9fd130972e120c13677730	2.5.4.5=NTRCZ-26439395,CN=I.CA Root CA/RSA,O=První certifikační autorita\, a.s.,C=CZ
d95d0e8eda79525bf9beb11b14d2100d3294985f0c62d9fabd9cd999eccb7b1d	CN=HARICA TLS RSA Root CA 2021,O=Hellenic Academic and Research Institutions CA,C=GR
2ffb7f813bbbb3c89ab4e8162d0f16d71509a830cc9d73c262e5140875d1ad4a	CN=CommScope Public Trust ECC Root-02,O=CommScope,C=US
df545bf919a2439c36983b54cdfc903dfa4f37d3996d8d84b4c31eec6f3c163e	CN=Microsoft Root Certificate Authority 2010,O=Microsoft Corporation,L=Redmond,ST=Washington,C=US
b085d70b964f191a73e4af0d54ae7a0e07aafdaf9b71dd0862138ab7325a24a2	CN=GlobalSign,O=GlobalSign,OU=GlobalSign ECC Root CA - R4
e3b6a2db2ed7ce48842f7ac53241c7b71d54144bfb40c11f3f1d0b42f5eea12d	CN=Certigna,O=Dhimyotis,C=FR
4be8b5a1c76c6aead0611918fccf9dbd398b67fb12294758bdf994d0f9682f60	CN=ANCERT Certificados Notariales V2,O=Agencia Notarial de Certificacion S.L.U. - CIF B83395988,C=ES
ef66b0b10a3cdb9f2e3648c76bd2af18ead2bfe6f117655e28c4060da1a3f4c2	CN=E-Tugra Global Root CA RSA v3,OU=E-Tugra Trust Center,O=E-Tugra EBG A.S.,L=Ankara,C=TR
8ac552ad577e37ad2c6808d72aa331d6a96b4b3febff34ce9bc0578e08055ec3	CN=A-Trust-Root-07,OU=A-Trust-Root-07,O=A-Trust Ges. f. Sicherheitssysteme im elektr. Datenverkehr GmbH,C=AT

Fingerprint	Subject
f015ce3cc239bfe064be9f1d2c417e1a0264a0a94be1f0c8d121864eb6949cc	CN=HiPKI Root CA - G1,O=Chunghwa Telecom Co.\, Ltd.,C=TW
41dfd9c52d71f6a2c7f1083aa8f80153ff6ec23349d2599de347adbe423504f3	CN=Internal Customer Root CA,O=Cisco,OU=Arcturus
e46a392204a8dca342a71c1ca9a60c9185b9a930370120c3b9c7e3856f0d8f3b	CN=DigiCert RSA4096 Root G5,O=DigiCert\, Inc.,C=US
69729b8e15a86efc177a57afb7171dfc64add28c2fca8cf1507e34453ccb1470	CN=ISRG Root X2,O=Internet Security Research Group,C=US
125609aa301da0a249b97a8239cb6a34216f44dcac9f3954b14292f2e8c8608f	CN=emSign Root CA - C1,O=eMudhra Inc,OU=emSign PKI,C=US
eb7e05aa58e7bd328a282bf8867033f3c035342b516ee85c01673dffffbffe58	CN=NetLock Platina (Class Platinum) Főtanúsítvány,OU=Tanúsítványkiadók (Certification Services),O=NetLock Kft.,L=Budapest,C=HU
3fd4be8baad2f26e1bde06c7584bb720dd1a972d111f5a4999bc44b08fb4960d	CN=Microsoft ECC TS Root Certificate Authority 2018,O=Microsoft Corporation,L=Redmond,ST=Washington,C=US
6e1fd3ae0d2d477c8f5ee5f335cc5b6356872654e5356a73d8c0a30a17c252a2	CN=QuoVadis TLS ECC P384 Root G4,O=QuoVadis Trustlink B.V.,C=NL
d43af9b35473755c9684fc06d7d8cb70ee5c28e773fb294eb41ee71722924d24	CN=UCA Extended Validation Root,O=UniTrust,C=CN
0c2cd63df7806fa399ede809116b575bf87989f06518f9808c860503178baf66	CN=COMODO Certification Authority,O=COMODO CA Limited,L=Salford,ST=Greater Manchester,C=GB
81a9088ea59fb364c548a6f85559099b6f0405efbf18e5324ec9f457ba00112f	C=DE,O=Atos,CN=Atos TrustedRoot Root CA RSA TLS 2021
136335439334a7698016a0d324de72284e079d7b5220bb8fbd747816eebebac	CN=Global Chambersign Root - 2008,O=AC Camerfirma S.A.,2.5.4.5=A82743287,L=Madrid (see current address at <a href="http://www.camerfirma.com/address">www.camerfirma.com/address</a> ),C=EU
9bea11c976fe014764c1be56a6f914b5a560317abd9988393382e5161aa0493c	CN=UCA Global G2 Root,O=UniTrust,C=CN
358df39d764af9e1b766e9c972df352ee15cfac227af6ad1d70e8e4a6edcba02	CN=Microsoft ECC Root Certificate Authority 2017,O=Microsoft Corporation,C=US
bd71fdf6da97e4cf62d1647add2581b07d79adf8397eb4ecba9c5e8488821423	CN=AffirmTrust Premium ECC,O=AffirmTrust,C=US
1e51942b84fd467bf77d1c89da241c04254dc8f3ef4c22451fe7a89978bdcd4f	CN=ePKI Root Certification Authority - G2,O=Chunghwa Telecom Co.\, Ltd.,C=TW
cb3ccbb76031e5e0138f8dd39a23f9de47ffc35e43c1144cea27d46a5ab1cb5f	CN=DigiCert Global Root G2,OU=www.digicert.com,O=DigiCert Inc,C=US
a1339d33281a0b56e557d3d32b1ce7f9367eb094bd5fa72a7e5004c8ded7cafe	CN=SZAFIR ROOT CA2,O=Krajowa Izba Rozliczeniowa S.A.,C=PL
b4585f22e4ac756a4e8612a1361c5d9d031a93fd84febb778fa3068b0fc42dc2	CN=Certainly Root E1,O=Certainly,C=US
945bbc825ea554f489d1fd51a73ddf2ea624ac7019a05205225c22a78ccfa8b4	CN=Trustwave Global ECC P256 Certification Authority,O=Trustwave Holdings\, Inc.,L=Chicago,ST=Illinois,C=US
3f034bb5704d44b2d08545a02057de93ebf3905fce721acbc730c06ddaee904e	CN=SecureSign Root CA12,O=Cybertrust Japan Co.\, Ltd.,C=JP

Fingerprint	Subject
8fe4fb0af93a4d0d67db0bebb23e37c71bf325dcbcd240ea04daf58b47e1840	CN=QuoVadis Root CA 2 G3,O=QuoVadis Limited,C=BM
57de0583efd2b26e0361da99da9df4648def7ee8441c3b728afa9bcde0f9b26a	CN=Autoridad de Certificacion Firmaprofesional CIF A62634068,C=ES
420332ef876ebe78f2af5d28aaacde24aad0c10f8ffaac469efd7bd941929568	CN=Entrust P384 TLS Root CA - 2022,O=Entrust\, Inc.,C=US
86a1ecba089c4a8d3bbe2734c612ba341d813e043cf9e8a862cd5c57a36bbe6b	CN=emSign ECC Root CA - G3,O=eMudhra Technologies Limited,OU=emSign PKI,C=IN
513b2cecb810d4cde5dd85391adfc6c2dd60d87bb736d2b521484aa47a0ebef6	OU=Security Communication RootCA2,O=SECOM Trust Systems CO.\,LTD.,C=JP
c0a6f4dc63a24bfdcf54ef2a6a082a0a72de35803e2ff5ff527ae5d87206dfd5	OU=ePKI Root Certification Authority,O=Chunghwa Telecom Co.\, Ltd.,C=TW
0376ab1d54c5f9803ce4b2e201a0ee7eef7b57b636e8a93c9b8d4860c96f5fa7	CN=AffirmTrust Commercial,O=AffirmTrust,C=US
cecddc905099d8dadfc5b1d209b737cbe2c18cfb2c10c0ff0bcf0d3286fc1aa2	CN=XRamp Global Certification Authority,O=XRamp Security Services Inc,OU=www.xrampsecurity.com,C=US
88497f01602f3154246ae28c4d5aef10f1d87ebb76626f4ae0b7f95ba7968799	CN=EC-ACC,OU=Jerarquia Entitats de Certificacio Catalanes,OU=Vegeu <a href="https://www.catcert.net/verarrel">https://www.catcert.net/verarrel</a> (c)03,OU=Serveis Publics de Certificacio,O=Agencia Catalana de Certificacio (NIF Q-0801176-I),C=ES
a7dedf5a842167dd12fdaa0f2080e73295b8b8bea71b2094ea0950945a482fc1	CN=AffirmTrust 4K TLS Root CA - 2022,O=AffirmTrust,C=CA
40f6af0346a99aa1cd1d555a4e9cce62c7f9634603ee406615833dc8c8d00367	CN=emSign Root CA - G1,O=eMudhra Technologies Limited,OU=emSign PKI,C=IN
db3517d1f6732a2d5ab97c533ec70779ee3270a62fb4ac4238372460e6f01e88	CN=Entrust Root Certification Authority - G4,OU=(c) 2015 Entrust\, Inc. - for authorized use only,OU=See <a href="http://www.entrust.net/legal-terms">www.entrust.net/legal-terms</a> ,O=Entrust\,
5546a52504fba74f61ffd4890067529ade3b9c9d07e502592831ccda9b369fd3	CN=DVV Gov. Root CA - G3 ECC,OU=Varmennepalvelut,OU=Certification Authority Services,O=Digi- ja vaestotietovirasto CA,C=FI
5e3571f33f45a7df1537a68b5ffb9e036af9d2f5bc4c9717130dc43d7175aac7	1.2.840.113549.1.9.1=info@globaltrust.info,CN=GLOBALTRUST,OU=GLOBALT RUST Certification Service,O=ARGE DATEN - Austrian Society for Data Protection,ST=Austria,L=Vienna,C=AT
242b69742fcb1e5b2abf98898b94572187544e5b4d9911786573621f6a74b82c	CN=Telia Root CA v2,O=Telia Finland Oyj,C=FI
fe7696573855773e37a95e7ad4d9cc96c30157c15d31765ba9b15704e1ae78fd	CN=Certum Trusted Root CA,OU=Certum Certification Authority,O=Asseco Data Systems S.A.,C=PL
30fbba2c32238e2a98547af97931e550428b9b3f1c8eeb6633dcfa86c5b27dd3	CN=vTrus ECC Root CA,O=iTrusChina Co.\,Ltd.,C=CN
2a99f5bc1174b73cbb1d620884e01c34e51ccb3978da125f0e33268883bf4158	CN=Certinomis - Root CA,OU=0002 433998903,O=Certinomis,C=FR

Fingerprint	Subject
578af4ded0853f4e5998db4aeaf9cbea8d945f60b620a38d1a3c13b2bc7ba8e1	CN=Telekom Security TLS ECC Root 2020,O=Deutsche Telekom Security GmbH,C=DE
fad540811afae0dc767cdf6572a088fa3ce8493dd82b3b869a67d10aab4e8124	CN=SI-TRUST Root,2.5.4.97=VATSI-17659957,O=Republika Slovenija,C=SI
d7a7a0fb5d7e2731d771e9484ebcdef71d5f0c3e0a2948782bc83ee0ea699ef4	CN=AAA Certificate Services,O=Comodo CA Limited,L=Salford,ST=Greater Manchester,C=GB
d3ed3fc40ad26b52e001e1e18f4b9449529deb75a81d5eb680d7b62db23ba96d	CN=DVV Gov. Root CA - G3 RSA,OU=Varmennepalvelut,OU=Certification Authority Services,O=Digi- ja vaestotietovirasto CA,C=FI
8e8221b2e7d4007836a1672f0dcc299c33bc07d316f132fa1a206d587150f1ce	CN=D-TRUST EV Root CA 2 2023,O=D-Trust GmbH,C=DE
ebc5570c29018c4d67b1aa127baf12f703b4611ebc17b7dab5573894179b93fa	OU=AC RAIZ FNMT-RCM,O=FNMT-RCM,C=ES
11437cda7bb45e41365f45b39a38986b0de00def348e0c7bb0873633800bc38b	CN=CommScope Public Trust ECC Root-01,O=CommScope,C=US
ebd41040e4bb3ec742c9e381d31ef2a41a48b6685c96e7cef3c1df6cd4331c99	CN=GlobalSign Root CA,OU=Root CA,O=GlobalSign nv-sa,C=BE
beb00b30839b9bc32c32e4447905950641f26421b15ed089198b518ae2ea1b99	CN=e-Szigno Root CA 2017,2.5.4.97=VATHU-23584497,O=Microsec Ltd.,L=Budapest,C=HU
59769007f7685d0fcd50872f9f95d5755a5b2b457d81f3692b610a98672f0e1b	CN=TWCA Global Root CA,OU=Root CA,O=TAIWAN-CA,C=TW
70a73f7f376b60074248904534b11482d5bf0e698ecc498df52577ebf2e93b9a	CN=AffirmTrust Premium,O=AffirmTrust,C=US
caca93b9d23d2b6fa76e8b8471931e0df3ec6f63af3cddb936c41954a1872326	CN=Microsoft ECC Product Root Certificate Authority 2018,O=Microsoft Corporation,L=Redmond,ST=Washington,C=US
3a6308acd77a5a33d8da04d669fa00f8e5ae153f259087678b76bf1654b30a06	CN=Cisco ECC Root CA,O=Cisco
c8a2d38a24f5ac302d8a08ebd38923d9a750b49220f092e82d1c53249e1533d0	CN=QuoVadis TLS RSA 4096 Root G4,O=QuoVadis Trustlink B.V.,C=NL
bfd88fe1101c41ae3e801bf8be56350ee9bad1a6b9bd515edc5c6d5b8711ac44	CN=TWCA Root Certification Authority,OU=Root CA,O=TAIWAN-CA,C=TW
04f1bec36951bc1454a904ce32890c5da3cde1356b7900f6e62dfa2041ebad51	CN=CHAMBERS OF COMMERCE ROOT - 2016,O=AC CAMERFIRMA S.A.,2.5.4.97=VATES-A82743287,2.5.4.5=A82743287,OU=CHAMBERS OF COMMERCE ROOT - 2016,OU=see current address at <a href="http://www.camerfirma.com/address">www.camerfirma.com/address</a> ,L=MADRID,ST=MADRID,C=ES
cd85167b3935e27bcc3b0f5fa24c8457882d0bb994f88269a7f72829d957eae9	CN=Cisco Root CA M2,O=Cisco
65353833cf234c79562164f90849c0d104dbabf8ee41064d83e8cbe03ba1c5a5	CN=Netrust Root CA 2,OU=Netrust Certificate Authority,O=Netrust Pte
3417bb06cc6007da1b961c920b8ab4ce3fad820e4aa30b9acbc4a74ebdcebc65	CN=SSL.com Root Certification Authority ECC,O=SSL Corporation,L=Houston,ST=Texas,C=US

Fingerprint	Subject
c1d80ce474a51128b77e794a98aa2d62a0225da3f419e5c7ed73dfbf660e7109	CN=GLOBAL CHAMBERSIGN ROOT - 2016,O=AC CAMERFIRMA S.A.,2.5.4.97=VATES-A82743287,2.5.4.5=A82743287,OU=GLOBAL CHAMBERSIGN ROOT - 2016,OU=see current address at www.camerfirma.com/address,L=MADRID,ST=MADRID,C=ES
c3846bf24b9e93ca64274c0ec67c1ecc5e024ffcacd2d74019350e81fe546ae4	OU=Go Daddy Class 2 Certification Authority,O=The Go Daddy Group\,
2a8da2f8d23e0cd3b5871ecfb0f42276ca73230667f474eede71c5ee32cc3ec6	CN=Thailand National Root Certification Authority - G1,OU=Thailand National Root Certification Authority,O=Electronic Transactions Development Agency (Public Organization),C=TH
d947432abde7b7fa90fc2e6b59101b1280e0e1c7e4e40fa3c6887fff57a7f4cf	CN=GTS Root R1,O=Google Trust Services LLC,C=US
fd73dad31c644ff1b43bef0ccdda96710b9cd9875eca7e31707af3e96d522bbd	CN=T-TeleSec GlobalRoot Class 3,OU=T-Systems Trust Center,O=T-Systems Enterprise Services GmbH,C=DE
efc65cadbb59adb6efe84da22311b35624b71b3b1ea0da8b6655174ec8978646	CN=Telekom Security TLS RSA Root 2023,O=Deutsche Telekom Security GmbH,C=DE
31ad6648f8104138c738f39ea4320133393e3a18cc02296ef97c2ac9ef6731d0	CN=DigiCert Global Root G3,OU=www.digicert.com,O=DigiCert Inc,C=US
937ef8f12276b3c7a3f58e345d09a6eff01f862f8d2794441cd84d511825fa0c	CN=Entrust P384 EV TLS Root CA - 2022,O=Entrust\, Inc.,C=US
371a00dc0533b3721a7eeb40e8419e70799d2b0a0f2c1d80693165f7cec4ad75	CN=DigiCert TLS RSA4096 Root G5,O=DigiCert\, Inc.,C=US
4fa3126d8d3a11d1c4855a4f807cbad6cf919d3a5a88b03bea2c6372d93c40c9	CN=GlobalSign Root R46,O=GlobalSign nv-sa,C=BE
bef256daf26e9c69bdec1602359798f3caf71821a03e018257c53c65617f3d4a	CN=FIRMAPROFESIONAL CA ROOT-A WEB,2.5.4.97=VATES-A62634068,O=Firmaprofesional SA,C=ES
e778f0f095fe843729cd1a0082179e5314a9c291442805e1fb1d8fb6b8886c3a	CN=SecureSign Root CA15,O=Cybertrust Japan Co.\, Ltd.,C=JP
02bdf96e2a45dd9bf18fc7e1dbdf21a0379ba3c9c2610344cfd8d606fec1ed81	CN=CommScope Public Trust RSA Root-01,O=CommScope,C=US
b2fae53e14ccd7ab9212064701ae279c1d8988facb775fa8a008914e663988a8	C=DE,O=Atos,CN=Atos TrustedRoot Root CA ECC TLS 2021
179fbc148a3dd00fd24ea13458cc43bfa7f59c8182d783a513f6ebec100c8924	CN=GlobalSign,O=GlobalSign,OU=GlobalSign ECC Root CA - R5
88f438dcf8ffd1fa8f429115ffe5f82ae1e06e0c70c375faad717b34a49e7265	CN=NAVER Global Root Certification Authority,O=NAVER BUSINESS PLATFORM Corp.,C=KR
bc104f15a48be709dca542a7e1d4b9df6f054527e802eaa92d595444258afe71	CN=Hellenic Academic and Research Institutions RootCA 2011,O=Hellenic Academic and Research Institutions Cert. Authority,C=GR
2ce1cb0bf9d2f9e102993fbe215152c3b2dd0cabde1c68e5319b839154dbb7f5	CN=Starfield Root Certificate Authority - G2,O=Starfield Technologies\, Inc.,L=Scottsdale,ST=Arizona,C=US

Fingerprint	Subject
6dc47172e01cbcb0bf62580d895fe2b8ac9ad4f873801e0c10b9c837d21eb177	CN=Entrust.net Certification Authority (2048),OU=(c) 1999 Entrust.net Limited,OU=www.entrust.net/CPS_2048 incorp. by ref. (limits
30d0895a9a448a262091635522d1f52010b5867acae12c78ef958fd4f4389f2f	CN=IdenTrust Public Sector Root CA 1,O=IdenTrust,C=US
6ab2ab75f51cb4f4f0156203fbf6f646232f514be059f62833308b82b4d72db1	CN=SECOM TLS ECC Root CA 2024,O=SECOM Trust Systems Co., Ltd.,C=JP
2605875afcc176b2d66dd66a995d7f8d5ebb86ce120d0e7e9e7c6ef294a27d4c	C=IL,O=ComSign Ltd.,CN=ComSign Global Root CA
07cd9aa9064a9b94c6aef8fb784c1bbc1beda08acbe86878d781a39167626cf8	CN=Visa Public RSA Root CA,OU=Visa International Service Association,O=VISA,C=US
06c08d7dafd876971eb1124fe67f847ec0c7a158d3ea53cbe940e2ea9791f4c3	CN=TrustAsia TLS RSA Root CA,O=TrustAsia Technologies\, Inc.,C=CN
c45d7bb08e6d67e62e4235110b564e5f78fd92ef058c840aea4e6455d7585c60	CN=GTS Root R2,O=Google Trust Services LLC,C=US
9ee289cc39971c15e94beb65142d360b5873feb970de1f9fda53ac26d10b25c6	CN=IT Application Root CA,O=Cisco,OU=Pollux
f3896f88fe7c0a882766a7fa6ad2749fb57a7f3e98fb769c1fa7b09c2c44d5ae	CN=BJCA Global Root CA1,O=BEIJING CERTIFICATE AUTHORITY,C=CN
e23d4a036d7b70e9f595b1422079d2b91edfbb1fb651a0633eaa8a9dc5f80703	CN=CA Disig Root R2,O=Disig a.s.,L=Bratislava,C=SK
9a114025197c5bb95d94e63d55cd43790847b646b23cdf11ada4a00eff15fb48	CN=Buypass Class 2 Root CA,O=Buypass AS-983163327,C=NO
eec5496b988ce98625b934092eec2908bed0b0f316c2d4730c84eaf1f3d34881	CN=D-TRUST Root Class 3 CA 2 EV 2009,O=D-Trust GmbH,C=DE
5a2fc03f0c83b090bbfa40604b0988446c7636183df9846e17101a447fb8efd6	CN=Hongkong Post Root CA 3,O=Hongkong Post,L=Hong Kong,ST=Hong Kong,C=HK
7e37cb8b4c47090cab36551ba6f45db840680fba166a952db100717f43053fc2	CN=DigiCert Assured ID Root G3,OU=www.digicert.com,O=DigiCert Inc,C=US
62dd0be9b9f50a163ea0f8e75c053b1eca57ea55c8688f647c6881f2c8357b95	CN=SwissSign Gold CA - G2,O=SwissSign AG,C=CH
eea962c4fa4a6bafbe415196d351ccd888d4f53f3fa8ae6d7c466a94e6042bb	OU=certSIGN ROOT CA,O=certSIGN,C=RO
416b1f9e84e74c1d19b23d8d7191c6ad81246e641601f599132729f507beb3cc	CN=GLOBALTRUST 2015,OU=GLOBALTRUST Certification Service,O=e-commerce monitoring GmbH,L=Wien,ST=Wien,C=AT
85a0dd7dd720adb7ff05f83d542b209dc7ff4528f7d677b18389fea5e5c49e86	CN=QuoVadis Root CA 2,O=QuoVadis Limited,C=BM
18f1fc7f205df8adddeb7fe007dd57e3af375a9c4d8d73546bf4f1fed1e18d35	CN=QuoVadis Root CA 3,O=QuoVadis Limited,C=BM
5ab4fcd180b5b6af0d262a2375a2c77d25602015d96648756611e2e78c53ad3	CN=Finca Root CA,O=Financijska agencija,C=HR
bc4d809b15189d78db3e1d8cf4f9726a795da1643ca5f1358e1ddb0edc0d7eb3	CN=emSign ECC Root CA - C3,O=eMudhra Inc,OU=emSign PKI,C=US
d7ba3f4ff8ad05633451470dda3378a3491b90005e5c687d2b68d53647cfdd66	CN=Halcom Root Certificate Authority,2.5.4.97=VATSI-43353126,O=Halcom d.d.,C=SI
8faf7d2e2cb4709bb8e0b33666bf75a5dd45b5de480f8ea8d4bfe6bebc17f2ed	CN=SSL.com TLS RSA Root CA 2022,O=SSL Corporation,C=US

Fingerprint	Subject
3c5f81fea5fab82c64bfa2eaecafcd8e077fc8620a7cae537163df36edbf378	1.2.840.113549.1.9.1=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU
88ef81de202eb018452e43f864725cea5fbd1fc2d9d205730709c5d8b8690f46	CN=QuoVadis Root CA 3 G3,O=QuoVadis Limited,C=BM
9a296a5182d1d451a2e37f439b74daafa267523329f90f9a0d2007c334e23c9a	CN=GLOBALTRUST 2020,O=e-commerce monitoring GmbH,C=AT
6c61dac3a2def031506be036d2a6fe401994fbd13df9c8d466599274c446ec98	CN=NetLock Arany (Class Gold) Főtanúsítvány,OU=Tanúsítványkiadók (Certification Services),O=NetLock Kft.,L=Budapest,C=HU
55926084ec963a64b96e2abe01ce0ba86a64fbfebcc7aab5afc155b37fd76066	CN=Actalis Authentication Root CA,O=Actalis S.p.A./03358520967,L=Milan,C=IT
04048028bf1f2864d48f9ad4d83294366a828856553f3b14303f90147f5d40ef	CN=Autoridad de Certificacion Firmaprofesional CIF A62634068,C=ES
0552e6f83fdf65e8fa9670e666df28a4e21340b510cbe52566f97c4fb94b2bd1	CN=D-TRUST BR Root CA 2 2023,O=D-Trust GmbH,C=DE
d649c40830aab9869f2536ff933c4050746659b31dfa735405e4f7ad447c20d5	CN=Cisco Basic Assurance Root CA 2099,O=Cisco
2a575471e31340bc21581cbd2cf13e158463203ece94bcf9d3cc196bf09a5472	CN=GTS Root R1,O=Google Trust Services LLC,C=US
6b328085625318aa50d173c98d8bda09d57e27413d114cf787a0f5d06c030cf6	CN=Certum EC-384 CA,OU=Certum Certification Authority,O=Asseco Data Systems S.A.,C=PL
9a6ec012e1a7da9dbe34194d478ad7c0db1822fb071df12981496ed104384113	C=ES,O=ACCV,OU=PKIACCV,CN=ACCVRAIZ1
c0076b9ef0531fb1a656d67c4ebe97cd5dbaa41ef44598acc2489878c92d8711	CN=TrustAsia TLS ECC Root CA,O=TrustAsia Technologies\, Inc.,C=CN
407c276bead2e4af0661ef6697341dec0a1f9434e4eafb2d3d32a90549d9de4a	CN=GPKIRootCA1,OU=GPKI,O=Government of Korea,C=KR
7a38f708a35a31e42e1cf3220f9a2d273e7666354618b2464657d43d8e77adc2	CN=A-Trust-Root-09,OU=A-Trust-Root-09,O=A-Trust GmbH,C=AT
a3cc68595dfe7e86d8ad1772a8b5284add54ace3b8a798df47bccafb1fdb84df	CN=Hotspot 2.0 Trust Root CA - 03,O=WFA Hotspot 2.0,C=US
8d25cd97229dbf70356bda4eb3cc734031e24cf00fafcfd32dc76eb5841c7ea8	CN=GTS Root R2,O=Google Trust Services LLC,C=US
22a2c1f7bded704cc1e701b5f408c310880fe956b5de2a4a44f99c873a25a7c8	CN=SSL.com EV Root Certification Authority ECC,O=SSL Corporation,L=Houston,ST=Texas,C=US
edf7ebbca27a2a384d387b7d4010c666e2edb4843e4c29b4ae1d5b9332e6b24d	CN=Buypass Class 3 Root CA,O=Buypass AS-983163327,C=NO
e74fbda55bd564c473a36b441aa799c8a68e077440e8288b9fa1e50e4bbaca11	CN=Security Communication ECC RootCA1,O=SECOM Trust Systems CO.\,LTD.,C=JP
e0d3226aeb1163c2e48ff9be3b50b4c6431be7bb1eacc5c36b5d5ec509039a08	CN=TrustAsia Global Root CA G3,O=TrustAsia Technologies\, Inc.,C=CN
2399561127a57125de8cefea610ddf2fa078b5c8067f4e828290bfb860e84b3c	CN=VeriSign Universal Root Certification Authority,OU=(c) 2008 VeriSign\, Inc. - For authorized use only,OU=VeriSign Trust Network,O=VeriSign\, Inc.,C=US

Fingerprint	Subject
1435f225c5d252d7a21948cc3ce62aecfa88001e3dd72d1cc3555100eb372f93	CN=SECOM TLS RSA Root CA 2024,O=SECOM Trust Systems Co., Ltd.,C=JP
71cca5391f9e794b04802530b363e121da8a3043bb26662fea4dca7fc951a4bd	CN=GTS Root R4,O=Google Trust Services LLC,C=US
8ecde6884f3d87b1125ba31ac3fcb13d7016de7f57cc904fe1cb97c6ae98196e	CN=Amazon Root CA 1,O=Amazon,C=US
55903859c8c0c3ebb8759ece4e2557225ff5758bbd38ebd48276601e1bd58097	CN=Trustwave Global ECC P384 Certification Authority,O=Trustwave Holdings\, Inc.,L=Chicago,ST=Illinois,C=US
ac7f7862e685c7a7d9826a58ea32d183d4893fcc8f8fd6d900c9769a987e77f0	CN=PostSignum Root QCA 4,O=Česká pošta\, s.p.,2.5.4.97=NTRCZ-47114983,C=CZ
1ba5b2aa8c65401a82960118f80bec4f62304d83cec4713a19c39c011ea46db4	CN=Amazon Root CA 2,O=Amazon,C=US
bfff8fd04433487d6a8aa60c1a29767a9fc2bbb05e420f713a13b992891d3893	CN=GDCA TrustAUTH R5 ROOT,O=GUANG DONG CERTIFICATE AUTHORITY CO.,LTD.,C=CN
209e956af04df3996507c887d356230d6eb49fdbdd2d8a058ff50b8f80f690aa	CN=Australian Defence Public Root CA,OU=CAs,OU=PKI,OU=DoD,O=GOV,C=AU
b49141502d00663d740f2e7ec340c52800962666121a36d09cf7dd2b90384fb4	CN=e-Szigno TLS Root CA 2023,2.5.4.97=VATHU-23584497,O=Microsec Ltd.,L=Budapest,C=HU
c90f26f0fb1b4018b22227519b5ca2b53e2ca5b3be5cf18efe1bef47380c5383	CN=Sectigo Public Server Authentication Root E46,O=Sectigo Limited,C=GB
bec94911c2955676db6c0a550986d76e3ba005667c442c9762b4fbb773de228c	CN=GlobalSign,O=GlobalSign,OU=GlobalSign ECC Root CA - R4
3f63bb2814be174ec8b6439cf08d6d56f0b7c405883a5648a334424d6b3ec558	CN=TWCA CYBER Root CA,OU=Root CA,O=TAIWAN-CA,C=TW
7bb647a62aeac88bf257aa522d01ffea395e0ab45c73f93f65654ec38f25a06	CN=Sectigo Public Server Authentication Root R46,O=Sectigo Limited,C=GB
3f548ce635f4fdcd819d6f237ce47bc42b01ae14db2b8733656eb52dcca49d6	CN=Device Identity Basic Assurance Root CA 2099
52f0e1c4e58ec629291b60317f074671b85d7ea80d5b07273463534b32b40234	CN=COMODO RSA Certification Authority,O=COMODO CA Limited,L=Salford,ST=Greater Manchester,C=GB
e59aaa816009c22bff5b25bad37df306f049797c1f81d85ab089e657bd8f0044	CN=D-TRUST BR Root CA 1 2020,O=D-Trust GmbH,C=DE
91e2f5788d5810eba7ba58737de1548a8ecacd014598bc0b143e041b17052552	CN=T-TeleSec GlobalRoot Class 2,OU=T-Systems Trust Center,O=T-Systems Enterprise Services GmbH,C=DE
cb3ccbb76031e5e0138f8dd39a23f9de47ffc35e43c1144cea27d46a5ab1cb5f	CN=DigiCert Global Root G2,OU=www.digicert.com,O=DigiCert Inc,C=US
b085d70b964f191a73e4af0d54ae7a0e07aafdaf9b71dd0862138ab7325a24a2	CN=GlobalSign,O=GlobalSign,OU=GlobalSign ECC Root CA - R4
4348a0e9444c78cb265e058d5e8944b4d84f9662bd26db257f8934a443c70161	CN=DigiCert Global Root CA,OU=www.digicert.com,O=DigiCert Inc,C=US
d649c40830aab9869f2536ff933c4050746659b31dfa735405e4f7ad447c20d5	CN=Cisco Basic Assurance Root CA 2099,O=Cisco
34d8a73ee208d9bcdb0d956520934b4e40e69482596e8b6f73c8426b010a6f48	CN=GTS Root R3,O=Google Trust Services LLC,C=US
dec669e322e07cd7c60a56904bf50c29fa1e75071723fc103577e27b226968d5	CN=TRS Bundle Root CA,O=Cisco

Fingerprint	Subject
e7e12793643f18bee5b8e53ab5803bb3d59d8e63d14ce6346c004b0dfa34fecc	CN=Cisco Root CA 2099,O=Cisco
8d25cd97229dbf70356bda4eb3cc734031e24cf00fafcd32dc76eb5841c7ea8	CN=GTS Root R2,O=Google Trust Services LLC,C=US
3a6308acd77a5a33d8da04d669fa00f8e5ae153f259087678b76bf1654b30a06	CN=Cisco ECC Root CA,O=Cisco
41dfd9c52d71f6a2c7f1083aa8f80153ff6ec23349d2599de347adbe423504f3	CN=Internal Customer Root CA,O=Cisco,OU=Arcturus
9ee289cc39971c15e94beb65142d360b5873feb970de1f9fda53ac26d10b25c6	CN=IT Application Root CA,O=Cisco,OU=Pollux
5e4b0e86fcdb405d155e6740553b56ded9c598f9be235797693ab3022e268282	CN=Cisco Secure Access Root CA,O=Cisco,OU=Horologium
69729b8e15a86efc177a57afb7171dfc64add28c2fca8cf1507e34453ccb1470	CN=ISRG Root X2,O=Internet Security Research Group,C=US
349dfa4058c5e263123b398ae795573c4e1313c83fe68f93556cd5e8031b3c7d	CN=GTS Root R4,O=Google Trust Services LLC,C=US
e35d28419ed02025cfa69038cd623962458da5c695fbdea3c22b0bfb25897092	CN=Amazon Root CA 4,O=Amazon,C=US
cd85167b3935e27bcc3b0f5fa24c8457882d0bb994f88269a7f72829d957eae9	CN=Cisco Root CA M2,O=Cisco
9d55e2bade8ef7871cdc9e3dcabc0d92d50cd2602c0a70d573178d990a84cb71	CN=Cisco Basic Assurance SUDI Root CA RSA 4096 2099,O=Cisco
8ecde6884f3d87b1125ba31ac3fcb13d7016de7f57cc904fe1cb97c6ae98196e	CN=Amazon Root CA 1,O=Amazon,C=US
9a114025197c5bb95d94e63d55cd43790847b646b23cdf11ada4a00eff15fb48	CN=Buypass Class 2 Root CA,O=Buypass AS-983163327,C=NO
1ba5b2aa8c65401a82960118f80bec4f62304d83cec4713a19c39c011ea46db4	CN=Amazon Root CA 2,O=Amazon,C=US
f1b52392c4a4ec2a8709b1308304a911ffcec2ce0b63a94f9be969164567c4925	CN=Cisco Licensing Root CA,O=Cisco
50df022dfa477185b4032a19196cb9840e29a87298830c5962d23f9b0a07dd5e	CN=Internal Private Root,O=Cisco,OU=Corvus
4ff460d54b9c86dabfbcfc5712e0400d2bed3fbc4d4fbd4aa86e06adcd2a9ad7a	CN=USERTrust ECC Certification Authority,O=The USERTRUST Network,L=Jersey City,ST=New Jersey,C=US
229ccc196d32c98421cc119e78486eebef603aec525c6b88b47abb740692b96	CN=Cisco RXC-R2,O=Cisco Systems,C=US
85a0dd7dd720adb7ff05f83d542b209dc7ff4528f7d677b18389fea5e5c49e86	CN=QuoVadis Root CA 2,O=QuoVadis Limited,C=BM
d947432abde7b7fa90fc2e6b59101b1280e0e1c7e4e40fa3c6887fff57a7f4cf	CN=GTS Root R1,O=Google Trust Services LLC,C=US
5d56499be4d2e08bcfcad08a3e38723d50503bde706948e42f55603019e528ae	CN=IdenTrust Commercial Root CA 1,O=IdenTrust,C=US
3f548ce635f4fdcd819d6f237ce47bc42b01ae14db2b8733656eb52dcca49d6	CN=Device Identity Basic Assurance Root CA 2099
31ad6648f8104138c738f39ea4320133393e3a18cc02296ef97c2ac9ef6731d0	CN=DigiCert Global Root G3,OU=www.digicert.com,O=DigiCert Inc,C=US
e793c9b02fd8aa13e21c31228accb08119643b749c898964b1746d46c3d4cbd2	CN=USERTrust RSA Certification Authority,O=The USERTRUST Network,L=Jersey City,ST=New Jersey,C=US
96bcec06264976f37460779acf28c5a7cfe8a3c0aae11a8ffcee05c0bddf08c6	CN=ISRG Root X1,O=Internet Security Research Group,C=US
0da80cc491638f8c756396e0afac16079829fa06697bfe6d7ee93a6a0c9e212d	CN=IT Private Root CA,O=Cisco,OU=Phoenix
568d6905a2c88708a4b3025190edcfedb1974a606a13c6e5290fcb2ae63edab5	CN=Starfield Services Root Certificate Authority - G2,O=Starfield Technologies\, Inc.,L=Scottsdale,ST=Arizona,C=US

Fingerprint	Subject
18ce6cfe7bf14e60b2e347b8dfe868cb31d02ebb3ada271569f50343b46db3a4	CN=Amazon Root CA 3,O=Amazon,C=US
705eaafc3ff488030017d59832603eefad514171b583808675f45c190e6378f8	CN=Cisco Root CA M1,O=Cisco
8327bc8c9d69947b3de3c27511537267f59c21b9fa7b613fafbccd53b7024000	CN=Cisco Root CA 2048,O=Cisco Systems
d2358cf65519d8e74cb71ed5a4b3f60db4fad1baf09d5c4ae5e8c7edb4448aa2	1.2.840.113549.1.9.1=ciscosb-certadmin@cisco.com,CN=Cisco Small Business Provisioning Root Authority 1,OU=Cisco Small Business Certificate Authority,O=Cisco Small Business,L=San Jose,ST=California,C=US
a736e303e6413c44e725704bf957933f1dd669f9c7e84ce701d72abb208471c8	1.2.840.113549.1.9.1=ciscosb-certadmin@cisco.com,CN=Cisco Small Business Provisioning Root Authority 2,OU=Cisco Small Business Certificate Authority,O=Cisco Small Business,L=San Jose,ST=California,C=US