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INDEPENDENT ASSURANCE REPORT

WebTrust for Certification Authorities

To the management of GlobalSign NV/SA ('GlobalSign'):

Scope

We have been engaged, in a reasonable assurance engagement, to report on GlobalSign management's assertion that for its Certification Authority (CA) operations at its locations as enumerated in [Appendix C](#), throughout the period April 1, 2025 to March 31, 2026 for its CAs as enumerated in [Appendix B](#), GlobalSign has:

- disclosed its business, key lifecycle management, certificate lifecycle management, and CA environmental control practices in the applicable versions of its Certification Practice Statements and Certificate Policies as enumerated in [Appendix A](#)
- maintained effective controls to provide reasonable assurance that:
 - GlobalSign's Certification Practice Statements are consistent with its Certificate Policies;
 - GlobalSign provides its services in accordance with its Certificate Policies and Certification Practice Statements;
- maintained effective controls to provide reasonable assurance that:
 - the integrity of keys and certificates it manages is established and protected throughout their lifecycles;
 - the integrity of subscriber keys and certificates it manages is established and protected throughout their lifecycles;
 - subscriber information is properly authenticated (for the registration activities performed by GlobalSign); and
 - subordinate CA certificate requests are accurate, authenticated, and approved;
- maintained effective controls to provide reasonable assurance that:
 - logical and physical access to CA systems and data is restricted to authorized individuals;
 - the continuity of key and certificate management operations is maintained; and
 - CA systems development, maintenance, and operations are properly authorized and performed to maintain CA systems integrity

in accordance with [WebTrust Principles and Criteria for Certification Authorities, version 2.2.2](#).



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GlobalSign does not escrow its CA keys and does not support Integrated Circuit Card (ICC) Lifecycle Management. Accordingly, our procedures did not extend to controls that would address those criteria.

Certification authority's responsibilities

GlobalSign's management is responsible for its assertion, including the fairness of its presentation, and the provision of its described services in accordance with WebTrust Principles and Criteria for Certification Authorities, version 2.2.2.

Our independence and quality control

We have complied with the independence and other ethical requirements of the *Code of Ethics for Professional Accountants* issued by the International Ethics Standards Board for Accountants, which is founded on fundamental principles of integrity, objectivity, professional competence and due care, confidentiality and professional behaviour. Therefore, we are independent of GlobalSign and complied with other ethical requirements in accordance with the Code of Ethics of NOREA (IT Auditors Association in The Netherlands).

The firm applies the International Standard on Quality Management (ISQM) 1, *Quality Management for Firms that Perform Audits or Reviews of Financial Statements, or Other Assurance or Related Services Engagements* and accordingly maintains a comprehensive system of quality control including documented policies and procedures regarding compliance with ethical requirements, professional standards and applicable legal and regulatory requirements. We also apply the '*Reglement Kwaliteitsbeheersing NOREA*' (RKBN, Regulations for Quality management systems) and, accordingly, maintain a comprehensive system of quality control, including documented policies and procedures regarding compliance with ethical requirements, professional standards and applicable legal and regulatory requirements.

Practitioner's responsibilities

Our responsibility is to express an opinion on management's assertion based on our procedures. We conducted our procedures in accordance with International Standard on Assurance Engagements 3000, *Assurance Engagements Other than Audits or Reviews of Historical Financial Information*, issued by the International Auditing and Assurance Standards Board and the related Dutch Directive 3000A '*Attest-opdrachten*' (Attestation engagements), as issued by NOREA, the IT Auditors Association in The Netherlands. These standards require that we plan and perform our procedures to obtain reasonable assurance about whether, in all material respects, management's assertion is fairly stated, and, accordingly, included:

1. obtaining an understanding of GlobalSign's key and certificate lifecycle management business practices and its controls over key and certificate integrity, over the authenticity and confidentiality of subscriber and relying party information, over the continuity of key and certificate lifecycle management operations and over development, maintenance and operation of systems integrity;
2. selectively testing transactions executed in accordance with disclosed key and certificate lifecycle management business practices;



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3. testing and evaluating the operating effectiveness of the controls; and
4. performing such other procedures as we considered necessary in the circumstances.

We believe that the evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

GlobalSign's management has disclosed to us the attached comments ([Appendix D](#)) that have been posted publicly in the online forums of the Bugzilla site, as well as the online forums of individual internet browsers that comprise the CA/Browser Forum. We have considered the nature of these comments in determining the nature, timing and extent of our procedures.

Additionally, GlobalSign has disclosed an overview of CA private keys that have been generated but not yet associated with a CA certificate ("parked keys") in [Appendix E](#).

The relative effectiveness and significance of specific controls at GlobalSign and their effect on assessments of control risk for subscribers and relying parties are dependent on their interaction with the controls, and other factors present at individual subscriber and relying party locations. We have performed no procedures to evaluate the effectiveness of controls at individual subscriber and relying party locations.

Inherent limitations

There are inherent limitations in the effectiveness of any system of internal control, including the possibility of human error and the circumvention of controls. For example, because of their nature, controls may not prevent, or detect unauthorized access to systems and information, or failure to comply with internal and external policies or requirements. Also, the projection to the future of any conclusions based on our findings is subject to the risk that controls may become ineffective.

Opinion

In our opinion, throughout the period April 1, 2025 to March 31, 2026, GlobalSign management's assertion, as referred to above, is fairly stated, in all material respects, in accordance with WebTrust Principles and Criteria for Certification Authorities, version 2.2.2.

This report does not include any representation as to the quality of GlobalSign's services beyond those covered by the WebTrust Principles and Criteria for Certification Authorities, version 2.2.2, nor the suitability of any of GlobalSign's services for any customer's intended purpose.



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Use of the WebTrust seal

GlobalSign's use of the WebTrust for Certification Authorities Seal constitutes a symbolic representation of the contents of this report and it is not intended, nor should it be construed, to update this report or provide any additional assurance.

On behalf of KPMG Advisory N.V.

Amstelveen, June 29, 2026

Original signed by

c/o R.C.Q. van der Gaarden RE CISA, Director

drs. ing. R.F. Koorn RE CISA
Partner



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Appendix A – Certification Practice Statements and Certificate Policies in Scope

Certification Practice statement	Begin Effective Date	End Effective Date
Version 10.5	March 7, 2025	July 15, 2025
Version 10.6	July 15, 2025	November 11, 2025
Version 10.7	November 11, 2025	November 24, 2025
Version 10.8	November 24, 2025	February 27, 2026
Version 10.9	February 27, 2026	March 31, 2026

* Note: Version 10.9 of the CPS was predominantly used as part of the WebTrust audit

Certification Policy	Begin Effective Date	End Effective Date
Version 7.5	March 7, 2025	July 15, 2025
Version 7.6	July 15, 2025	November 11, 2025
Version 7.7	November 11, 2025	November 24, 2025
Version 7.8	November 24, 2025	February 27, 2026
Version 7.9	February 27, 2026	March 31, 2026

* Note: Version 7.9 of the CP was predominantly used as part of the WebTrust audit

Combined CP/CPS	Begin Effective Date	End Effective Date
Version 1.0 - Generic	March 31, 2026	June 15, 2026
Version 1.0 - eIDAS	March 31, 2026	June 15, 2026



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Appendix B – List of CAs in scope

The following CAs were in scope of the WebTrust for CA audit:

Root CA			
#	Subject DN	SHA256 Fingerprint	Other information
1	CN = GlobalSign Root CA, OU = Root CA, O = GlobalSign nv-sa, C = BE	EBD41040E4BB3EC742C9E381D31EF2A41A48B6685C96E7CEF3C1DF6CD4331C99	
2	CN = GlobalSign, O = GlobalSign, OU = GlobalSign Root CA - R3	CBB522D7B7F127AD6A0113865BDF1CD4102E7D0759AF635A7CF4720DC963C53B	
3	CN = GlobalSign, O = GlobalSign, OU = GlobalSign ECC Root CA - R5	179FBC148A3DD00FD24EA13458CC43BFA7F59C8182D783A513F6EBEC100C8924	
4	CN = GlobalSign, O = GlobalSign, OU = GlobalSign Root CA - R6	2CABEAFFE37D06CA22ABA7391C0033D25982952C453647349763A3AB5AD6CCF69	
5	CN = GlobalSign Root R46, O = GlobalSign nv-sa, C = BE	4FA3126D8D3A11D1C4855A4F807CBAD6CF919D3A5A88B03BEA2C6372D93C40C9	
6	CN = GlobalSign Root E46, O = GlobalSign nv-sa, C = BE	CBB9C44D84B8043E1050EA31A69F514955D7BFD2E2C6B49301019AD61D9F5058	
7	CN = GlobalSign Secure Mail Root R45, O = GlobalSign nv-sa, C = BE	319AF0A7729E6F89269C131EA6A3A16FCD86389FDCAB3C47A4A675C161A3F974	
8	CN = GlobalSign Secure Mail Root E45, O = GlobalSign nv-sa, C = BE	5CBF6FB81FD417EA4128CD6F8172A3C9402094F74AB2ED3A06B4405D04F30B19	



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Root CA			
#	Subject DN	SHA256 Fingerprint	Other information
9	CN = GlobalSign Code Signing Root R45, O = GlobalSign nv-sa, C = BE	7B9D553E1C92CB6E8803E137F4F287D4363757F5D44B37D52F9FCA22FB97DF86	
10	CN = GlobalSign Code Signing Root E45, O = GlobalSign nv-sa, C = BE	26C6C5FD4928FD57A8A4C5724FDD279745869C60C338E262FFE901C31BD1DB2B	
11	CN = GlobalSign Document Signing Root R45, O = GlobalSign nv-sa, C = BE	38BE6C7EEB4547D82B9287F243AF32A9DEEB5DC5C9A87A0056F938D91B456A5A	
12	CN = GlobalSign Document Signing Root E45, O = GlobalSign nv-sa, C = BE	F86973BDD0514735E10C1190D0345BF89C77E1C4ADBD3F65963B803FD3C9E1FF	
13	CN = GlobalSign IoT Root R60, O = GlobalSign nv-sa, C = BE	36E80B78775DDA9D0BAC964AC29D5A5EC4F3684E0C74445E954A191C2939B8E0	
14	CN = GlobalSign IoT Root E60, O = GlobalSign nv-sa, C = BE	43ED443C1F0CD46C9914B4272C24DC42CF6FE62B4AAB37585878A26D882AE4CB	
15	CN = GlobalSign Timestamping Root R45, O = GlobalSign nv-sa, C = BE	2BCBBFD66282C680491C8CD7735FDBBAB7A8079B127BEC60C535976834399AF7	
16	CN = GlobalSign Client Authentication Root R45, O = GlobalSign nv-sa, C = BE	165C7E810BD37C1D57CE9849ACCD500E5CB01EEA37DC550DB07E598AAD2474A8	
17	CN = GlobalSign Client Authentication Root E45, O = GlobalSign nv-sa, C = BE	8B0F0FAA2C00FE0532A8A54E7BC5FD139C1922C4F10F0B16E10FB8BE1A634964	



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Root CA			
#	Subject DN	SHA256 Fingerprint	Other information
18	CN = GlobalSign Timestamping Root E46, O = GlobalSign nv-sa, C = BE	4774674B94B78F5CCBEF89FDDEBDABBD894A71B55576B8CC5E6876BA3EAB4538	
19	CN = GlobalSign Verified Mark Root R42, O = GlobalSign nv-sa, C = BE	CD122CB877C6928B9017B0F0B80DBD508196300BBD03CD7356C3BEEF524E7E0B	
20	2.5.4.97 = NTRBE-0459134256, CN = GlobalSign QWAC Root E41, O = GlobalSign nv-sa, C = BE	0A45B2D8A391E1149A678E0EE036CCD55A4340C9BB71CD040D27FC5018419EA2	
21	CN = GlobalSign C2PA Root R46, O = GlobalSign nv-sa, C = BE	1EE6DE679B7BD49596A515978FFE4F0C3C2C34289491E68ACF1ECDEC2257FF22	
22	CN = GlobalSign C2PA Root E46 O = GlobalSign nv-sa C = BE	08AB0C7324DBB170D5EC9C2D79153CD877CA29DE4E9D7140841F39802C6791D0	
23	CN = GlobalSign TLS Root R41, O = GlobalSign nv-sa, C = BE	5F3E53326BAAE806D7728186D92E9BF392D41252866BFBB9B93B131F82B1C42A	
24	CN = GlobalSign TLS Root E41, O = GlobalSign nv-sa, C = BE	6568BB072D96DE2A8EF8A3E89B6B7EF39A6F8394375DF49E9FF1E56A68EC0342	



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DV TLS Issuing CA			
#	Subject DN	SHA256 Fingerprint	Other information
25	CN = GlobalSign Atlas R3 AlphaSSL CA 2025 Q2, O = GlobalSign nv-sa, C = BE	00390AE5DAEB1A08755906AA4E5C455FF7DBC6EB1677C23905B6A063D3BE6B65	
26	CN = GlobalSign Atlas ECCR5 DV TLS CA 2025 Q2, O = GlobalSign nv-sa, C = BE	ADFCE41D4E699C1DD778CB5A0F5B41AB8A80016D19584DC94C23AF2D6E3866	
27	CN = GlobalSign Atlas R3 DV TLS CA 2025 Q2, O = GlobalSign nv-sa, C = BE	45D045616EE8DB33AF7E508D471EC9EAA91239B49F0A0614D8E69EF0B716C168	
28	CN = GlobalSign Atlas ECCR5 DV ACME CA 2025 Q2, O = GlobalSign nv-sa, C = BE	F4EDDB1F34C43E83EB01A9E5330218B8E5C16B08B3DCAA884A796E4F4669C079	
29	CN = GlobalSign Atlas R3 DV ACME CA 2025 Q2, O = GlobalSign nv-sa, C = BE	4888596B61E698B180535EDDE9CC12FBEC87F4CDDD9074FB68A3FCF1C3F11150	
30	CN = GlobalSign GCC R6 AlphaSSL CA 2023, O = GlobalSign nv-sa, C = BE	E46FB2A75097A345D4246DCF44A10DAA71D9FD0EBFAB61BA67E6DB84EE5B6CAB	
31	CN = Soluti V2 GR6 DV TLS CA 2024, O = SOLUTI - SOLUCOES EM NEGOCIOS INTELIGENTES S/A, C = BR	BA7651165CE1B82DC477CBBC501BE1AF67CDE182F233262FEF5D205F197738C6	
32	CN = GlobalSign Atlas R3 AlphaSSL CA 2025 Q1, O = GlobalSign nv-sa, C = BE	B80E6635E3DA3142A9DE65DFF8C31DEADF0136BDB609AB526CB3D3B37ABCD22	



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DV TLS Issuing CA			
#	Subject DN	SHA256 Fingerprint	Other information
33	CN = GlobalSign Atlas ECCR5 DV TLS CA 2025 Q1, O = GlobalSign nv-sa, C = BE	F0E7B17ECABA37C6029E2ACC032DFCDF2A9A75B19EFA8C220110C37F719F327D	
34	CN = GlobalSign Atlas R3 DV TLS CA 2025 Q1, O = GlobalSign nv-sa, C = BE	0BB2A52840F1DE1040118276872A63F0986E42B15D3A1D7779F1F7757C992ADC	
35	CN = GlobalSign Atlas ECCR5 DV ACME CA 2025 Q1, O = GlobalSign nv-sa, C = BE	D6A2012D797591CDE8C7EA0DD06A3803062C66159F52071EF087F06F9CB394FE	
36	CN = GlobalSign Atlas R3 DV ACME CA 2025 Q1, O = GlobalSign nv-sa, C = BE	0020D198028D12C73A2872376E24FBD73A39E39BF09338AC3B6495DD785DF678	
37	CN = GlobalSign Domain Validation CA - SHA256 - G3, O = GlobalSign nv-sa, C = BE	09BC1B137C031239EF788673E94EB17F5F3ECAB07D3ADBFB485E75ABFAAF3B9A	Expired on September 4, 2025
38	CN = AlphaSSL CA - SHA256 - G4, O = GlobalSign nv-sa, C = BE	7C4E90207B2B7CAEC080426CC469908CB27B925EE3B1C999C22B8568812FDA8C	
39	CN = Soluti CA - DV, O = SOLUTI - SOLUCOES EM NEGOCIOS INTELIGENTES S/A, C = BR	5C452334D9C9C9A2EA42CC77A7165E1795EE9D84EB70CB784B47EA9D92A582D9	Expired on February 24, 2026
40	CN = sslTrus GCC R6 DV TLS CA 2024, O = sslTrus Inc., C = CN	183801AE042D1C2E7CFF3EB21C277B0D0823DE52FE0DEABF316FBE17ECC03B9C	



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DV TLS Issuing CA			
#	Subject DN	SHA256 Fingerprint	Other information
41	CN = GlobalSign Atlas R3 AlphaSSL CA 2024 Q4, O = GlobalSign nv-sa, C = BE	E73A879C7784C73C7239E3BC8DD1F2FDC519DCEB11B16AB0A18B5A40E04E0C27	
42	CN = GlobalSign Atlas ECCR5 DV TLS CA 2024 Q4, O = GlobalSign nv-sa, C = BE	513CA66A94979F93E442B6B20738CAE804914FBCBC69441A9E03A10636937039	
43	CN = GlobalSign Atlas R3 DV TLS CA 2024 Q4, O = GlobalSign nv-sa, C = BE	B776DFF0079E90A6BF6897380D40D6CF0C80FE86E65A06E0DF02D581A87705E2	
44	CN = GlobalSign Atlas ECCR5 DV ACME CA 2024 Q4, O = GlobalSign nv-sa, C = BE	43243DBE88A2A57F41DB22DE5E31836444AFCF41A6B9E38D01403413C276FF3D	
45	CN = GlobalSign Atlas R3 DV ACME CA 2024 Q4, O = GlobalSign nv-sa, C = BE	F6A33AF88990E858F1C7E0060CCB5B7F7E03F54ADD758CF8DBE25A9B042282	
46	CN = TK Elevator Atlas R6 DV CA 2021, O = TK Elevator GmbH, C = DE	988D6B2D87BAF43821C4D304BE2B0E8F325DC17B7A220E934F5C5B7BADFF8E1C	
47	CN = GlobalSign GCC R3 DV TLS CA 2020, O = GlobalSign nv-sa, C = BE	762538439509C411C437D3C567563E1378671281FC4A1464ADD031870843676E	
48	CN = GlobalSign Atlas R3 DV TLS CA 2020, O = GlobalSign nv-sa, C = BE	B65FE6A1BF2D52FF68B7D3E9D0F06B300A1C3F248309B70405CA7BDEC054BDDD	



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DV TLS Issuing CA			
#	Subject DN	SHA256 Fingerprint	Other information
49	CN = GlobalSign Atlas R3 AlphaSSL CA 2024 Q3, O = GlobalSign nv-sa, C = BE	A58405F641A0ABC11732C00D35A748F3BD0F52814337A6980D385DE3CDE04B3A	Expired on April 17, 2026
50	CN = GlobalSign Atlas ECCR5 DV TLS CA 2024 Q3, O = GlobalSign nv-sa, C = BE	714345A66D06D325CFE05E0626C039AD8101693BD470BC4E95D874FD480A2261	Expired on April 17, 2026
51	CN = GlobalSign Atlas R3 DV TLS CA 2024 Q3, O = GlobalSign nv-sa, C = BE	5F0C6336D318BD0B46E1832514973360C9829301F4BA42A402A53A5A9421620E	Expired on April 17, 2026
52	CN = GlobalSign Atlas ECCR5 DV ACME CA 2024 Q3, O = GlobalSign nv-sa, C = BE	381CCD1DCD9BB6047EDA2550CF1919493258DCEFB7E87B594DD4440CCBA400E2	Expired on April 17, 2026
53	CN = GlobalSign Atlas R3 DV ACME CA 2024 Q3, O = GlobalSign nv-sa, C = BE	A404AC02E8F525544BB28EA0A18617F3A35B7A8852167222A154FC9336182ECB	Expired on April 17, 2026
54	CN = GlobalSign Atlas R3 AlphaSSL CA 2022 Q3, O = GlobalSign nv-sa, C = BE	89578D72697AC25ABC6F6D382387443965412AC7448F103C9B1D11AB63A555CD	Expired on April 20, 2025
55	CN = GlobalSign Atlas R3 DV ACME CA 2022 Q3, O = GlobalSign nv-sa, C = BE	EB5E6C1AE30A0F9B8C5769105BA9D6882E4ACCB4A5E2F2F72AC388A2FACA0FEF3	Expired on April 20, 2025
56	CN = GlobalSign Atlas ECCR5 DV ACME CA 2022 Q3, O = GlobalSign nv-sa, C = BE	A8B2A4518A82A0CC0A60B2FB88B946557ADB4FA58458EC7680A77BB0E5334D8D	Expired on April 20, 2025



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DV TLS Issuing CA			
#	Subject DN	SHA256 Fingerprint	Other information
57	CN = GlobalSign Atlas R3 DV TLS CA 2022 Q3, O = GlobalSign nv-sa, C = BE	12DCFF9B60269E3B546C3FFB7E74BA58EB7EEBCBF5956771F784F7A582C2EA7A	Expired on April 20, 2025
58	CN = GlobalSign Atlas ECCR5 DV TLS CA 2022 Q3, O = GlobalSign nv-sa, C = BE	E6C18D6D008C712B3017DE1AE7659418983254B01DE4895AE91F3B29FF482417	Expired on April 20, 2025
59	CN = GlobalSign Atlas R3 DV ACME CA 2023 Q3, O = GlobalSign nv-sa, C = BE	2FE4DAE370FCF2B58F0C75F2ABC49414B881F554ECF21485EAE73FEAA17B1DCD	Expired on April 19, 2025
60	CN = GlobalSign Atlas ECCR5 DV ACME CA 2023 Q3, O = GlobalSign nv-sa, C = BE	97AFE7C35378C386837676A134D7A1D472B72EF091F224F9986C8256A6D75296	Expired on April 19, 2025
61	CN = GlobalSign Atlas R3 DV TLS CA 2023 Q3, O = GlobalSign nv-sa, C = BE	CAAB391E482EE136BE74E3FAD9E3A1AC589EBE060B95508594876293EF87E7CE	Expired on April 19, 2025
62	CN = GlobalSign Atlas ECCR5 DV TLS CA 2023 Q3, O = GlobalSign nv-sa, C = BE	FC2811137DC86C7987D5665E22AC4A2741CE54B623DC58E80CE90EF8626F67FC	Expired on April 19, 2025
63	CN = GlobalSign Atlas R3 AlphaSSL CA 2023 Q3, O = GlobalSign nv-sa, C = BE	F709C820518D6C38595CEF8355DBE02D24163B9F843652BA2C31230FC5806220	Expired on April 19, 2025
64	CN = GlobalSign Atlas R3 DV ACME CA 2023 Q4, O = GlobalSign nv-sa, C = BE	E0EE4B421D9059224F0CD3AD7BC9050B1DED78718A4AD26D8DE3FB40210F1FA1	Expired on July 19, 2025



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#	Subject DN	SHA256 Fingerprint	Other information
65	CN = GlobalSign Atlas ECCR5 DV ACME CA 2023 Q4, O = GlobalSign nv-sa, C = BE	D786D22A7BD61D06A68586376DC1226063592F4D864AC4E7BDAE40AFB62238DD	Expired on July 19, 2025
66	CN = GlobalSign Atlas R3 DV TLS CA 2023 Q4, O = GlobalSign nv-sa, C = BE	BB32B9044163D739E82233AEBC7EF3A23565B748242EFE0973098748287D9E76	Expired on July 19, 2025
67	CN = GlobalSign Atlas ECCR5 DV TLS CA 2023 Q4, O = GlobalSign nv-sa, C = BE	C5AC82D56F3DABBC7D2790FFBD4CD6BE07572CE47ADE456DB30FC48E60352CFD	Expired on July 19, 2025
68	CN = GlobalSign Atlas R3 AlphaSSL CA 2023 Q4, O = GlobalSign nv-sa, C = BE	AD4F4EFEDFE81378FD216E168EE1EB6972B9CEB796303E94BF76C5AF6350BDA3	Expired on July 19, 2025
69	CN = GlobalSign Atlas R3 DV ACME CA 2024 Q1, O = GlobalSign nv-sa, C = BE	57A44D4A69023D95BEB89A61A426579F453BC146F2A998987F3C7216E78A4B9D	Expired on October 18, 2025
70	CN = GlobalSign Atlas ECCR5 DV ACME CA 2024 Q1, O = GlobalSign nv-sa, C = BE	3C1B0BEFF052EC90997A72352E7D3DAAF90746B9A3C4D8987A5BBB9D0370E4B0	Expired on October 18, 2025
71	CN = GlobalSign Atlas R3 DV TLS CA 2024 Q1, O = GlobalSign nv-sa, C = BE	0152F86354FCA9525B280C233F7DA6CF8B5F2373C42644723226AE67238DB190	Expired on October 18, 2025
72	CN = GlobalSign Atlas ECCR5 DV TLS CA 2024 Q1, O = GlobalSign nv-sa, C = BE	A79831D06B05530A5533526EAD1EF6E0D7FFA2BC52D59EEFB41B950AECC31CDB	Expired on October 18, 2025



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DV TLS Issuing CA			
#	Subject DN	SHA256 Fingerprint	Other information
73	CN = GlobalSign Atlas R3 AlphaSSL CA 2024 Q1, O = GlobalSign nv-sa, C = BE	10B3103D2F490D2BF2E95ECCFAE7D6466E089923486196E49431C88FF361D7D7	Expired on October 18, 2025
74	CN = GlobalSign Atlas ECCR5 DV ACME CA 2024 Q2, O = GlobalSign nv-sa, C = BE	3B74D815D0ADD8BA412A3766C805E4F11F946943BE8F18A9D197B526FB4206BC	Expired on January 17, 2026
75	CN = GlobalSign Atlas ECCR5 DV TLS CA 2024 Q2, O = GlobalSign nv-sa, C = BE	D3E722A0520E72F756FDE9BDDF3D5649F6A85A40CABDCC937F77700A7C45E2FC	Expired on January 17, 2026
76	CN = GlobalSign Atlas R3 AlphaSSL CA 2024 Q2, O = GlobalSign nv-sa, C = BE	CE11B00AD38D3092E618048865D28B5EE82D367D7296DD83389818C55C77DA3E	Expired on January 17, 2026
77	CN = GlobalSign Atlas R3 DV ACME CA 2024 Q2, O = GlobalSign nv-sa, C = BE	53F2F2D3C2F952555407B8BB77012229C2A4E47F73CB45132DC95F6CEDD4396F	Expired on January 17, 2026
78	CN = GlobalSign Atlas R3 DV TLS CA 2024 Q2, O = GlobalSign nv-sa, C = BE	1D2044E27BDC4411CA3FA340D082C1CC32B1366347D4063E898463AFAC3FFF06	Expired on January 17, 2026
79	CN = Keysec GR3 DV TLS CA 2024, O = KEYSEC LTDA, C = BR	F03655CFE85B3A3F2AF2FD37CAB9EA283B3A28A9B6157FE9BEB75C17C0611B3A	
80	CN = Alibaba Cloud GCC R3 DV TLS CA 2023, O = Alibaba Cloud Computing Ltd., C = CN	38CBB87231F062A82D7ED2EF73FD4E4B84352EA7DD7F15686DE3A9414B7AE029	



GlobalSign NV/SA
Subject: Independent Auditor's Report WebTrust for CAs

DV TLS Issuing CA			
#	Subject DN	SHA256 Fingerprint	Other information
81	CN = Alibaba Cloud GCC R3 AlphaSSL CA 2023, O = Alibaba Cloud Computing Ltd., C = CN	DFC6EE42E6A7B339DF178E566EFB5482AA1A460C586A32D67C9AB053AF2BE657	
82	CN = GlobalSign Atlas E46 DV TLS CA 2026 Q2, O = GlobalSign nv-sa, C = BE	1F361F27E8CB224ED70498730AE8C8553854EC33EF04F3CA23AE8801F57AB5BB	
83	CN = GlobalSign Atlas ECCR5 DV TLS CA 2026 Q2, O = GlobalSign nv-sa, C = BE	27F076EE106366865F56B43042F735D96B2C5E83C68F9367917639CADFEDCD16	
84	CN = GlobalSign Atlas R46 DV TLS CA 2026 Q2, O = GlobalSign nv-sa, C = BE	C5A84EC914BBFA5A980ECAE7DE3D3E0958C094ABF20FC8DEEAABB1EABE6703D3	
85	CN = GlobalSign Atlas R3 DV TLS CA 2026 Q2, O = GlobalSign nv-sa, C = BE	516AA665DBD48988E3F0CD9A670F89173E829ADFE38F607A0513C6683C2B9B95	
86	CN = GlobalSign Atlas R46 AlphaSSL CA 2026 Q2, O = GlobalSign nv-sa, C = BE	BCE36E8F5B181F9177DB5C8C6A9D65AB3A8B0471B0630124CD819DCE2CC5A810	
87	CN = GlobalSign Atlas R3 AlphaSSL CA 2026 Q2, O = GlobalSign nv-sa, C = BE	BF8662E4FAB218C8249CBC7EA23588495EFBAB5D2857CBE1840734794546D280	
88	CN = Soluti V2 GR46 DV TLS CA 2025, O = SOLUTI - SOLUCOES EM NEGOCIOS INTELIGENTES S/A, C = BR	7757FE3298F39B0BAC4E830D6F98C828E7A77780E485C01958864E7D24B3DBD1	



GlobalSign NV/SA
Subject: Independent Auditor's Report WebTrust for CAs

DV TLS Issuing CA			
#	Subject DN	SHA256 Fingerprint	Other information
89	CN = GlobalSign Atlas E46 DV TLS CA 2026 Q1, O = GlobalSign nv-sa, C = BE	035250381A210A3142AB058B5FB4732F8B0EC52B2758A60304FC43A14B57F784	
90	CN = GlobalSign Atlas ECCR5 DV TLS CA 2026 Q1, O = GlobalSign nv-sa, C = BE	DE517C8516F8445DC4F42F702F0B0FA6E68BF3A50AF05898D01F71CCB0CEE7C3	
91	CN = GlobalSign Atlas R46 DV TLS CA 2026 Q1, O = GlobalSign nv-sa, C = BE	2FE7CC388B51FDD62BD4130D4EEC62582B27550C504D18623D4CDAD9D67DF3D3	
92	CN = GlobalSign Atlas R3 DV TLS CA 2026 Q1, O = GlobalSign nv-sa, C = BE	1A6E1E3107328747396C74B70193D5C4EF72F75A1BE5706A5289929BFDB163F2	
93	CN = GlobalSign Atlas R46 AlphaSSL CA 2026 Q1, O = GlobalSign nv-sa, C = BE	AAA8AF92BB52B61D68246BBFB31FCA5BB1AE96093E0168122EB3EA32233CEBF1	
94	CN = GlobalSign Atlas R3 AlphaSSL CA 2026 Q1, O = GlobalSign nv-sa, C = BE	5771BD8366FC677C8E2BF3648E885538A14F358321DD492D6AD186501D138BE3	
95	CN = GlobalSign GCC R6 AlphaSSL CA 2025, O = GlobalSign nv-sa, C = BE	A883559231F8388DAF35CE41C8101040AE8FD9B656434247B9475AF592CC08CA	
96	CN = GlobalSign GCC R46 AlphaSSL CA 2025, O = GlobalSign nv-sa, C = BE	D2AC9DCC7A255029A5F5180D63F1A9ED60E11412A85C148D4B71F6AE1A36695C	
97	CN = GlobalSign GCC R46 DV TLS CA 2025, O = GlobalSign nv-sa, C = BE	B59410F367B986E98E53A9789A6580553A74BE515211D9F6ECB6E8A11E83AEAA	



GlobalSign NV/SA

Subject: Independent Auditor's Report WebTrust for CAs

DV TLS Issuing CA			
#	Subject DN	SHA256 Fingerprint	Other information
98	CN = GlobalSign GCC E46 DV TLS CA 2025, O = GlobalSign nv-sa, C = BE	216D556D2F305606357A52F311CB825ABBB7227571B3522DF0F823600007D2ED	
99	CN = GlobalSign Atlas E46 DV TLS CA 2025 Q4, O = GlobalSign nv-sa, C = BE	FEDE979C0D16F9FF1C5A824DEDB0AF24E1AF8ECF20227489026B32108CC9C6F3	
100	CN = GlobalSign Atlas ECCR5 DV TLS CA 2025 Q4, O = GlobalSign nv-sa, C = BE	94EBE958A2443AB50F8E18C59BF7ED64E671E8D1FD6D96C1BCEBF664739E9AF7	
101	CN = GlobalSign Atlas R46 DV TLS CA 2025 Q4, O = GlobalSign nv-sa, C = BE	3093FABBB963D3F8729DDCA34972F73E560207A06D4A261C45456D3A8591E332	
102	CN = GlobalSign Atlas R3 DV TLS CA 2025 Q4, O = GlobalSign nv-sa, C = BE	F5165FC624453361E3A131C6AD90893A8DE40158921A94E8A4B445398EEDF6E0	
103	CN = GlobalSign Atlas R46 AlphaSSL CA 2025 Q4, O = GlobalSign nv-sa, C = BE	FF567D21B6D92876A528B4EDCE0E85E0B9C89246ED263A131A2D63ECABF16554	
104	CN = GlobalSign Atlas R3 AlphaSSL CA 2025 Q4, O = GlobalSign nv-sa, C = BE	3155F05DB3BA8A8E259733CEB15B852A956C1B40F2B94F21D99E82B9B5A60214	
105	CN = Alibaba Cloud GCC R46 DV TLS CA 2025, O = Alibaba Cloud Computing Ltd., C = CN	E9124DEB5D7DEA83A5AA07666F8BADCBCE898FCD8699902699B306A0A87683A5C	



GlobalSign NV/SA
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DV TLS Issuing CA			
#	Subject DN	SHA256 Fingerprint	Other information
106	CN = Alibaba Cloud GCC R46 AlphaSSL CA 2025, O = Alibaba Cloud Computing Ltd., C = CN	3B9746CAB4CC932794DE76EA49D9AB6EF598C0F13EDAE18B996C0FF00DA8877B	
107	CN = Alibaba Cloud GCC R3 AlphaSSL CA 2025, O = Alibaba Cloud Computing Ltd., C = CN	9A3FC708F61E036AF88CECB2E8DA79A3B21F092CFC172C31DD5A93DCFA15248F	
108	CN = GlobalSign Atlas ECCR5 DV TLS CA 2025 Q3, O = GlobalSign nv-sa, C = BE	988B137CDCD3832F98FBDA08D471C71B442FE92502B66B837700D8C4F07CBF34	
109	CN = GlobalSign Atlas R3 AlphaSSL CA 2025 Q3, O = GlobalSign nv-sa, C = BE	DADEA3CF2CF2539C63672168FAE3C728023E0E5CB0E105DC52456FEB79424344	
110	CN = GlobalSign Atlas R46 AlphaSSL CA 2025 Q3, O = GlobalSign nv-sa, C = BE	95E75CC493CE26BA23E8EBA2D43E770BC548EFE6C6E77BF4DF1D77D7C23D3F8A	
111	CN = GlobalSign Atlas R3 DV TLS CA 2025 Q3, O = GlobalSign nv-sa, C = BE	5539F8C9010518345FC21A85F25B39DD6AD8D591C7971CBB900C2CB7081BBF90	
112	CN = GlobalSign Atlas R46 DV TLS CA 2025 Q3, O = GlobalSign nv-sa, C = BE	2FF834799072A8FF999B1F934D031BDD0E69980FAF3B4384152EEC2378FB753E	
113	CN = GlobalSign Atlas E46 DV TLS CA 2025 Q3, O = GlobalSign nv-sa, C = BE	DD400AD8AE3545BE8D7C74A27F77AAC2C5CD74C366C4DEA1EA1DB36778381989	



GlobalSign NV/SA
Subject: Independent Auditor's Report WebTrust for CAs

OV TLS Issuing CA			
#	Subject DN	SHA256 Fingerprint	Other information
114	CN = GlobalSign Atlas ECCR5 OV TLS CA 2025 Q2, O = GlobalSign nv-sa, C = BE	018F50FAC1770E1D74E30F57107D12CA42A0F1748E39538FAE51C9A0D84EAA9C	
115	CN = GlobalSign Atlas R3 OV TLS CA 2025 Q2, O = GlobalSign nv-sa, C = BE	0268A9930EFB3A8BB5CF614CDB3F1CD4605578A78F1BCA0C19680F8020F6A5DD	
116	CN = GlobalSign Atlas ECCR5 OV ACME CA 2025 Q2, O = GlobalSign nv-sa, C = BE	CA2F2C4C625B8DF65ABD6F4694B822C81527209A42A5CD7BE48696CCE574C9D5	
117	CN = GlobalSign Atlas R3 OV ACME CA 2025 Q2, O = GlobalSign nv-sa, C = BE	7D9C0BAF36C0ACFA2D146DC2B35AC8F7EF37DCD0EA29EE00168C00377C640807	
118	CN = CrowdStrike GCC R3 TLS OV CA 2020, O = CrowdStrike Inc., C = US	78CB512DE48CEDCD7134DF57C973C1E1A07692B8F542A44ACEBB8BB776D55D59	
119	CN = Soluti V2 GR6 OV TLS CA 2024, O = SOLUTI - SOLUCOES EM NEGOCIOS INTELIGENTES S/A, C = BR	24952CB05B0D97A9F12B458C7EE6C3F3A140F51DF4462193D97528FD89C8B8CD	
120	CN = GlobalSign Atlas ECCR5 OV TLS CA 2025 Q1, O = GlobalSign nv-sa, C = BE	E69C42BD4F99934B035730B1D3606132AB5C1D81FE7DD07D6D7DD05DC385DDD7	
121	CN = GlobalSign Atlas R3 OV TLS CA 2025 Q1, O = GlobalSign nv-sa, C = BE	39821703A653DA1C851372CFD78A77DC095894865C036E9BA3E1164C7654D52C	



GlobalSign NV/SA
Subject: Independent Auditor's Report WebTrust for CAs

OV TLS Issuing CA			
#	Subject DN	SHA256 Fingerprint	Other information
122	CN = GlobalSign Atlas ECCR5 OV ACME CA 2025 Q1, O = GlobalSign nv-sa, C = BE	7F04D649A44A9ACB2491A9DB01B73C21E7275899311C4501FF3CD7349E09ECC5	
123	CN = GlobalSign Atlas R3 OV ACME CA 2025 Q1, O = GlobalSign nv-sa, C = BE	2D9B789B586812891683F70CE7008EDB76F5F0273F2BE60D57EB6B055EAAF6D6	
124	CN = RNP ICPEdu OV SSL CA 2019, O = Rede Nacional de Ensino e Pesquisa - RNP, C = BR	88FC18BD071BE1FBC53FFBC801F03F5B2C4DA87BBA0C098E2B4808F19EAB05FE	Expired on May 15, 2026
125	CN = GlobalSign Organization Validation CA - SHA256 - G3, O = GlobalSign nv-sa, C = BE	699D54B7482A5D329331EA0415CC2EDCD60FDA01D19E71D054196BCE0677735C	Expired on September 4, 2025
126	CN = GlobalSign GCC R6 OV TLS CA 2023, O = GlobalSign nv-sa, C = BE	3F6F57F1FE25B3D6F088F17704F7E376AE3A91151DCD8E1917CB3A41785B5F0D	
127	CN = GlobalSign CloudSSL CA - SHA256 - G3, O = GlobalSign nv-sa, C = BE	E0C2EBD1F6BAD4FEAAE31A3107E69ABEE902DB38B9DFBE33F0570BDA3494C20A	Expired on August 19, 2025
128	CN = GlobalSign CloudSSL CA - SHA256 - G3, O = GlobalSign nv-sa, C = BE	4B7334E1D8999822BAFA8FF6888125389B18A4E5AB26FFA624C7F68FDC81F0CB	Expired on August 19, 2025
129	CN = Prodrive Technologies GCC R3 OV TLS CA 2022, O = Prodrive Technologies B.V., C = NL	1005370ED276B0CEF39244E9E699CE4807BF9ADE05BFA59F263809FB4606B72C	Expired on April 20, 2025



GlobalSign NV/SA

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OV TLS Issuing CA			
#	Subject DN	SHA256 Fingerprint	Other information
130	CN = Soluti CA - OV, O = SOLUTI - SOLUCOES EM NEGOCIOS INTELIGENTES S/A, C = BR	AB74B1411AD23E2227FB88A2A9304A1A45A5C4840B3635F1036A46E8374279AC	Expired on February 24, 2026
131	CN = GlobalSign GCC R3 OV TLS CA 2024, O = GlobalSign nv-sa, C = BE	996BB81F161E1DAC9A3939AB7A42B4131D6DCFB6E0DA4B5A6E19B5C8701842A	
132	CN = sslTrus GCC E5 OV TLS CA 2024, O = sslTrus Inc., C = CN	2872602B9C18774BF4794F6844DCE559C57019930CE72BCF23131DDEF2484DED	
133	CN = sslTrus GCC R6 OV TLS CA 2024, O = sslTrus Inc., C = CN	57A9CFB8EBBB0F1583AB496623D04135B5A1F220D3F31E33007327D3AC3159BC	
134	CN = Prodrive Technologies GCC R6 OV TLS CA 2024, O = Prodrive Technologies B.V., C = NL	D978D8503D1F267CB0271DF91422CCEF20F17F4B6E84625763156D52D07484A8	
135	CN = GlobalSign Atlas ECCR5 OV TLS CA 2024 Q4, O = GlobalSign nv-sa, C = BE	249D73A816C874C11E8B57F2775A5C8371B09C6C69F006A2321905DE5EBAC2FC	
136	CN = CrowdStrike GCC R6 OV TLS CA 2024, O = CrowdStrike Inc., C = US	EEC54317A352B48E50B8D94262D602E0441BDBA58FB2AE28741A56DEBF2336D3	
137	CN = GlobalSign Atlas ECCR5 OV ACME CA 2024 Q4, O = GlobalSign nv-sa, C = BE	10B8949EC4FAF59886EA429ACD484B5BEC6F1D584CD36286178C98A99A294D80	



GlobalSign NV/SA
Subject: Independent Auditor's Report WebTrust for CAs

OV TLS Issuing CA			
#	Subject DN	SHA256 Fingerprint	Other information
138	CN = GlobalSign Atlas R3 OV ACME CA 2024 Q4, O = GlobalSign nv-sa, C = BE	BFF85E127AEBF9786231EDC4985D381E1256B4EA759E71F515A570B3530AF655	
139	CN = ATT Atlas R3 OV TLS CA 2020, O = ATT Services Inc, C = US	DC2728331312E75C4D7B442F3BDDA790CB77A9D6AC854D5BCE18AC43CA59909A	
140	CN = GlobalSign ECC CloudSSL CA - SHA384 - G3, O = GlobalSign nv-sa, C = BE	B0CD6AE7B9E20EC5F830FEE01F666D5D90E6E229D06BC46A30ACCEDFEC889648	
141	CN = GlobalSign Organization Validated ECC CA - SHA256 - G4, O = GlobalSign nv-sa, C = BE	65EEC0CC6C970CC1CD73659115DC8D904E6F12E6DC8FD4DDA39D54CB30224780	
142	CN = GlobalSign Organization Validated CA - SHA256 - G4, O = GlobalSign nv-sa, C = BE	1E1741A12EB8DA2BD76EA96C04F520359839710F620E80952F48DD0240A12CD8	
143	CN = GlobalSign RSA OV SSL CA 2018, O = GlobalSign nv-sa, C = BE	B676FFA3179E8812093A1B5EAFEE876AE7A6AAF231078DAD1BFB21CD2893764A	
144	CN = DPDHL Global TLS CA - I5, O = Deutsche Post AG, C = DE	32A4E554E363116FE48E22F01DAC1736752A71C720F99F462D565022D3BAD07D	
145	CN = Trusted Root TLS CA SHA256 G3, O = GlobalSign nv-sa, C = BE	91F19CE503C9FE7FF9587D8EFBEF7315AAEE77DC2D14526126493B4AD6FE801F	



GlobalSign NV/SA
Subject: Independent Auditor's Report WebTrust for CAs

OV TLS Issuing CA			
#	Subject DN	SHA256 Fingerprint	Other information
146	CN = GlobalSign Atlas ECCR5 OV TLS CA 2024 Q3, O = GlobalSign nv-sa, C = BE	53883007DD2CB3CE72C0F04FB35641AFA0AA131B1E01455E5C6B5901F1549328	Expired on April 17, 2026
147	CN = GlobalSign Atlas ECCR5 OV ACME CA 2024 Q3, O = GlobalSign nv-sa, C = BE	1BC54EE293B9992BF09F314C3D8C4477C2B0D2D6109A500EAB508F3565B633D6	Expired on April 17, 2026
148	CN = GlobalSign Atlas R3 OV TLS CA 2024 Q3, O = GlobalSign nv-sa, C = BE	C75B3A6333C7C4678DF3FDBAE0D3BB9ED825F9F13053E125ABE314A6E9C34443	Expired on April 17, 2026
149	CN = GlobalSign Atlas R3 OV ACME CA 2024 Q3, O = GlobalSign nv-sa, C = BE	FEF8EDAA7BCBED69E1E2B7219527A8FC32BA76B1708E71492B3C491E3AF342E9	Expired on April 17, 2026
150	CN = GlobalSign Atlas R3 OV ACME CA 2022 Q3, O = GlobalSign nv-sa, C = BE	F06E2C3D05AF608C7BACB6366F7A47A017ADEC22F712BD417335396CB8B555BE	Expired on April 20, 2025
151	CN = GlobalSign Atlas ECCR5 OV ACME CA 2022 Q3, O = GlobalSign nv-sa, C = BE	E4C2D8C6E54ECE1C996A305972B1AE0B064F105BE06CFD7295FD2DAE33B97E1A	Expired on April 20, 2025
152	CN = GlobalSign Atlas R3 OV TLS CA 2022 Q3, O = GlobalSign nv-sa, C = BE	29E93053769D4D1BAB841B8F5C2603BED5E0B82F339670869566892146E89141	Expired on April 20, 2025
153	CN = GlobalSign Atlas ECCR5 OV TLS CA 2022 Q3, O = GlobalSign nv-sa, C = BE	E68C3376F010219CCA14E337F33183EF9D861E573A9D76287F3AAAD4D04FA38F	Expired on April 20, 2025



GlobalSign NV/SA
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OV TLS Issuing CA			
#	Subject DN	SHA256 Fingerprint	Other information
154	CN = GlobalSign Atlas R3 OV ACME CA 2023 Q3, O = GlobalSign nv-sa, C = BE	6557A37403091987483D6789ED9CE4549312674B91F57572397AA76806F009D5	Expired on April 19, 2025
155	CN = GlobalSign Atlas ECCR5 OV ACME CA 2023 Q3, O = GlobalSign nv-sa, C = BE	CDACF412E2921C342B1943676433E60488E4BD39F193A9C22C12AA11B6796597	Expired on April 19, 2025
156	CN = GlobalSign Atlas R3 OV TLS CA 2023 Q3, O = GlobalSign nv-sa, C = BE	4DE5FB201DAD1C9CCEA68648C2A9A03E53D5F39B5959D0608E707326F0C6432A	Expired on April 19, 2025
157	CN = GlobalSign Atlas ECCR5 OV TLS CA 2023 Q3, O = GlobalSign nv-sa, C = BE	405B1E8B6CBDDF1605C82D30AF52F02D8938873674ECA18A92ACBACE22610BDE	Expired on April 19, 2025
158	CN = GlobalSign Atlas R3 OV ACME CA 2023 Q4, O = GlobalSign nv-sa, C = BE	B8C5418C43F29D28CCEE6CC2795CEA84D0B22949B162597666F7893126C3CCF5	Expired on July 19, 2025
159	CN = GlobalSign Atlas ECCR5 OV ACME CA 2023 Q4, O = GlobalSign nv-sa, C = BE	C905CAFDED19BAB5742F3A32F6C3CDEFA4E49564A348EA84BE2D033610816EC6	Expired on July 19, 2025
160	CN = GlobalSign Atlas R3 OV TLS CA 2023 Q4, O = GlobalSign nv-sa, C = BE	67A9F71A282C4AD07586CA297B914926C2E1D331C5F64A46AFBD7D6378D89868	Expired on July 19, 2025
161	CN = GlobalSign Atlas ECCR5 OV TLS CA 2023 Q4, O = GlobalSign nv-sa, C = BE	FBBF50730E837A7436085C92483550FD65D85E0E4DFF121F77CF0F3B7C40BD4C	Expired on July 19, 2025



GlobalSign NV/SA
Subject: Independent Auditor's Report WebTrust for CAs

OV TLS Issuing CA			
#	Subject DN	SHA256 Fingerprint	Other information
162	CN = GlobalSign Atlas R3 OV TLS CA 2024 Q1, O = GlobalSign nv-sa, C = BE	79AADFB93F2C467A37EDC83B5DD55A200EA9C32D3DFB6FAE2017A2C7E3306DCF	Expired on October 18, 2025
163	CN = GlobalSign Atlas R3 OV ACME CA 2024 Q1, O = GlobalSign nv-sa, C = BE	C7AA7BDB14DD5EE2F9E6EC2367B64D500DE432E7BC51E9A8E4E9791B828CF65E	Expired on October 18, 2025
164	CN = GlobalSign Atlas ECCR5 OV ACME CA 2024 Q1, O = GlobalSign nv-sa, C = BE	4BE6BA403D6ECFB5E73820F5CA1948253205DB186E396D779AC6B41BC8A826B4	Expired on October 18, 2025
165	CN = GlobalSign Atlas ECCR5 OV TLS CA 2024 Q1, O = GlobalSign nv-sa, C = BE	514A14C828B3AB160DD9D11861BBEBE5EEFA2A6CA0AB86003CD1A080AA36A9D4	Expired on October 18, 2025
166	CN = GlobalSign ECC OV SSL CA 2018, O = GlobalSign nv-sa, C = BE	87C71553445EB3C33C3E0710711B99E9C7773F04D91AC38A9F4C082EE24101EA	
167	CN = GlobalSign Atlas ECCR5 OV ACME CA 2024 Q2, O = GlobalSign nv-sa, C = BE	0E6C52F16FF4E5A7532EF39A7767299F0E284CC2C6B64713C1FBA882098C5DF5	Expired on January 17, 2026
168	CN = GlobalSign Atlas ECCR5 OV TLS CA 2024 Q2, O = GlobalSign nv-sa, C = BE	99E63B1A9E4C324664029C340275E308C61018CBC2E84CD8EA2366542EAA309C	Expired on January 17, 2026
169	CN = Keysec GR3 OV TLS CA 2024, O = KEYSEC LTDA, C = BR	8AFDA1ED73BF375DC6E097DB871BBFE4CEB68E61381C39BDF6A4576DC171BFB2	



GlobalSign NV/SA
Subject: Independent Auditor's Report WebTrust for CAs

OV TLS Issuing CA			
#	Subject DN	SHA256 Fingerprint	Other information
170	CN = AC Defesa GR3 OV TLS CA 2023, O = Ministerio da Defesa, C = BR	23D5EFBFB41CE7B1F30BAB8A8F64AF85EDBB5D7A49C08D616DE4C47CADB03597	
171	CN = Alibaba Cloud GCC R3 OV TLS CA 2023, O = Alibaba Cloud Computing Ltd., C = CN	73360680F0C0DE2C542EB3DAB2B30764D5451606501953C76D51A2F6EBD1C29B	
172	CN = GlobalSign Atlas R3 OV TLS CA 2024 Q2, O = GlobalSign nv-sa, C = BE	4DE6175F3B0FCA3722159DBBC1A78D0C495F6EDAF233040AAFC2559888C176A5	Expired on January 17, 2026
173	CN = GlobalSign Atlas R3 OV ACME CA 2024 Q2, O = GlobalSign nv-sa, C = BE	AB437C6B0CF76DFE3ED7001743680A15169B8D88AEC00A9F71A6C2824AE8FF41	Expired on January 17, 2026
174	CN = GlobalSign GCC R1 OV TLS CA 2025, O = GlobalSign nv-sa, C = BE	DB24FF7CED7C93246DBAA21F7EFBFD261C423AF1964C0E96F1C20267A0C4C067	
175	CN = GlobalSign Atlas R3 OV TLS CA 2024 Q4, O = GlobalSign nv-sa, C = BE	BC54502E593530817801728103B6446E788B6F8C5811AE92491D13D054F9DF5D	
176	CN = GlobalSign Atlas E46 OV TLS CA 2026 Q2, O = GlobalSign nv-sa, C = BE	76E7856C3CFB8F37BBE651B42A05CC144ABA59017616E2819D196D7C7E2F83F5	
177	CN = GlobalSign Atlas ECCR5 OV TLS CA 2026 Q2, O = GlobalSign nv-sa, C = BE	820A9CA544A0EE39BE67FE6C97E17A0C4FF50F07FF545D41B9C72985C259D7BE	
178	CN = GlobalSign Atlas R46 OV TLS CA 2026 Q2, O = GlobalSign nv-sa, C = BE	8A84356F9D4F28BE327B9FF2F0636BDFBE52660D013C4239EDBE7CCD7D79DF71	



GlobalSign NV/SA
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OV TLS Issuing CA			
#	Subject DN	SHA256 Fingerprint	Other information
179	CN = GlobalSign Atlas R3 OV TLS CA 2026 Q2, O = GlobalSign nv-sa, C = BE	8BC47366C0E82A249EE1A8769813B7BFD6718D253DD69A6C4B4BE7693362F1E9	
180	CN = RNP ICPEdu AR46 OV TLS CA 2025, O=REDE NACIONAL DE ENSINO E PESQUISA - RNP, C = BR	A292CDF59905FC30016C22131D6F2E497449F155A05A234CCEC0E042171BF70F	
181	CN = Soluti V2 GR46 OV TLS CA 2025, O = SOLUTI - SOLUCOES EM NEGOCIOS INTELIGENTES S/A, C = BR	6B227EE8850FB113478A8B835A6E03A6EB3FB5191BFB9AB29D882EA69BA5094D	
182	CN = RNP ICPEdu GR46 OV TLS CA 2025, O=REDE NACIONAL DE ENSINO E PESQUISA - RNP, C = BR	E10747D4DA7BAB09CBA9952F019D3534CB9FBA070BF13D8791B1699CD2FF59DD	
183	CN = Chunghwa Telecom GCC R46 OV TLS CA 2025, O = Chunghwa Telecom Co., Ltd., C = TW	DA1EE3B14A2E562BEC2AD5E543548E0BB583296E39FADF69A8A13F30F0AC4DC5	
184	CN = GlobalSign GCC R6 OV TLS CA 2025 V2, O = GlobalSign nv-sa, C = BE	96777B062F1A1CA0D6F5CDE31BB0012C303DEF52E4691D8D899F66560BCEA9B9	
185	CN = AC SERPRO AR46 OV TLS CA 2025, O = SERVICO FEDERAL DE PROCESSAMENTO DE DADOS (SERPRO), C = BR	F27095D0B40DF765599404011CF8B167DA06260E81DDA727F163EF08221071E4	
186	CN = GlobalSign Atlas E46 OV TLS CA 2026 Q1, O = GlobalSign nv-sa, C = BE	1207B166DA6171A51AEE0E68E4612E747BE7049E85239C8E79003C5FAA95D9A9	



GlobalSign NV/SA
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OV TLS Issuing CA			
#	Subject DN	SHA256 Fingerprint	Other information
187	CN = GlobalSign Atlas ECCR5 OV TLS CA 2026 Q1, O = GlobalSign nv-sa, C = BE	203C7A4B46C0264D1CCF40C1603A3982EA4E9ADA09D6EC82CB846393963F1A8B	
188	CN = GlobalSign Atlas R46 OV TLS CA 2026 Q1, O = GlobalSign nv-sa, C = BE	76B9CAA3BB48D101980541091F920BDC5CC5F1B7C909C29BF6C31C629E6C1C3A	
189	CN = GlobalSign Atlas R3 OV TLS CA 2026 Q1, O = GlobalSign nv-sa, C = BE	7233BB61704F3856AE8E2BBB0A86EED848C6136D78CD319CD6CB5EE4233E19BE	
190	CN = GlobalSign GCC R46 OV TLS CA 2025, O = GlobalSign nv-sa, C = BE	D160E2DE4E56CB10B66C1CB0ADCB79CF93C78DCD9DB30C2018220262C04063F9	
191	CN = GlobalSign GCC E46 OV TLS CA 2025, O = GlobalSign nv-sa, C = BE	66F815D7925CBB2537BFEEA24A0041F7DDEF90E5D4717B16C21CCC0447A5B6FB	
192	CN = DHL Global TLS CA I6, O = Deutsche Post AG, C = DE	1DA78383D55F801C4AF4B9CF8ADF149155C1E605E13838492812F75A4E6AF7E5	
193	CN = AC Defesa GR46 OV TLS CA 2025, O = Ministerio da Defesa, C = BR	BEE9ED069C7BCD513E02718AEACD127C9F6794749710C3EAAE7A851CF1A8A8A0	
194	CN = GlobalSign GCC R6 OV TLS CA 2025, O = GlobalSign nv-sa, C = BE	8E785E7EDB8D8162F3169DB4129C85AB9E4F838A3A92E1914CBED612B2F945EE	
195	CN = GlobalSign Atlas E46 OV TLS CA 2025 Q4, O = GlobalSign nv-sa, C = BE	EB6F211BE3FA9891BF41D68A1F6DE5BA92B53889A0149397E9C2229795A8E0F4	



GlobalSign NV/SA

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OV TLS Issuing CA			
#	Subject DN	SHA256 Fingerprint	Other information
196	CN = GlobalSign Atlas ECCR5 OV TLS CA 2025 Q4, O = GlobalSign nv-sa, C = BE	1FA2387E823CAD23020CC62785C8F94F15D248EF8CA23E42D43849A08F783A00	
197	CN = GlobalSign Atlas R46 OV TLS CA 2025 Q4, O = GlobalSign nv-sa, C = BE	3129A7F1680E439FC9DDCBC3539103FA17CB7236461A5310351DE442D05446BB	
198	CN = GlobalSign Atlas R3 OV TLS CA 2025 Q4, O = GlobalSign nv-sa, C = BE	D1B2BAE3FF6E1307E8DFD281EEF5BAFC13AA7B6296C88D878CE42194BCBF3A6D	
199	CN = GlobalSign Atlas ECCR5 OV TLS CA 2025 Q3, O = GlobalSign nv-sa, C = BE	348E0923AF1DFA6A2F33A559FAEB8E139902A39042CE9AB8E5FA4E48A0EB85EB	
200	CN = GlobalSign Atlas R3 OV TLS CA 2025 Q3, O = GlobalSign nv-sa, C = BE	6F9D6055094EFCFCD4E13B953E335334F04445AE4C11B97FF6BBE450D92BB3F3	
201	CN = GlobalSign Atlas R46 OV TLS CA 2025 Q3, O = GlobalSign nv-sa, C = BE	34998966ECD3590372583EE14C6DDAFD4A773E842F5224761C1F1113D84056A8	
202	CN = GlobalSign Atlas E46 OV TLS CA 2025 Q3, O = GlobalSign nv-sa, C = BE	47A06D81BAF24C59E2EE4373EDFA00ECDBA9373095001FA74377C9978CB8EB15	
203	CN = Prodrive Technologies Atlas R46 OV TLS CA 2026, O = Prodrive Technologies B.V., C = NL	79DE64F790E6DFC7A65B0B5BB0DC4EF0AC835F9914C7A25E4455670282C1E73A	



GlobalSign NV/SA
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EV TLS Issuing CA			
#	Subject DN	SHA256 Fingerprint	Other information
204	CN = GlobalSign Atlas E46 EV TLS CA 2025 Q2, O = GlobalSign nv-sa, C = BE	1E319D113EA6896D37781CCD63C77C019BB6BD585EEFB995BDFDB0111AFC5775	
205	CN = GlobalSign Atlas R46 EV TLS CA 2025 Q2, O = GlobalSign nv-sa, C = BE	DF4826B20EAA8550A5203A0313C5E1E13B0A389EE584FFD94DDD089329EE0B96	
206	CN = GlobalSign Atlas R6 EV TLS CA 2025 Q2, O = GlobalSign nv-sa, C = BE	A1CA27EDDB7B7CB597BF3D82612063474000BB9108C67B3D5F9B7C55C5D6002C	
207	CN = Banco Votorantim SA GR6 EV TLS CA 2024, O = Banco Votorantim S.A., C = BR	055D79B306BAC2201A00C705D27745C7E9CF3D7F4379ACD13D8639D2C4F94DF4	
208	CN = Soluti V2 GR6 EV TLS CA 2024, O = SOLUTI - SOLUCOES EM NEGOCIOS INTELIGENTES S/A, C = BR	A9A4BEFCDB349939452D22F3DD8BFDE4C840542B57BAEED88B22A11C7BC7F98B	
209	CN = GlobalSign Atlas E46 EV TLS CA 2025 Q1, O = GlobalSign nv-sa, C = BE	AF52155ACBFAF107DC75E4EF1BDCC0FC141FCCA3DF9CE1875FD224960B7563CC	
210	CN = GlobalSign Atlas R46 EV TLS CA 2025 Q1, O = GlobalSign nv-sa, C = BE	248DA0E92BA626B6D8126263A03E09307B444F7770562C1941458BB4D9B16D52	
211	CN = GlobalSign Atlas R6 EV TLS CA 2025 Q1, O = GlobalSign nv-sa, C = BE	A57DFD8D12E0334FDC85D2D62066B410FBE49FA241A4CC0B16087E732351B349	
212	CN = Soluti CA - EV, O = SOLUTI - SOLUCOES EM NEGOCIOS INTELIGENTES S/A, C = BR	11FBA4A7EE579C70E1D57F9F9B6A8C209E1219C4F1D3846F83FFCE74E9E5E2CE	Expired on February 24, 2026



GlobalSign NV/SA
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EV TLS Issuing CA			
#	Subject DN	SHA256 Fingerprint	Other information
213	CN = sslTrus GCC R6 EV TLS CA 2024, O = sslTrus Inc., C = CN	47347DFE1F786EE18A67DC8FACAD1A058A951F369C0A2AF2B6A168158A42A4D4	
214	CN = GlobalSign Atlas E46 EV TLS CA 2024 Q4, O = GlobalSign nv-sa, C = BE	FD6060D5E39E21BEADA259590BBAD4F79BD46E7A583D4B294CDD30933804A403	
215	CN = GlobalSign Atlas R46 EV TLS CA 2024 Q4, O = GlobalSign nv-sa, C = BE	E36857C3D8C985A098F7BEA867DD14C023F62A6195F1CB8CA1632D7A77C6DFD6	
216	CN = GlobalSign Atlas R6 EV TLS CA 2024 Q4, O = GlobalSign nv-sa, C = BE	9F58EDC769BF0C9A0AC6C9926CB0EF43EE6AE04D8C2879A0F5E0E10AC53E6329	
217	CN = GlobalSign Atlas E46 EV TLS CA 2024 Q3, O = GlobalSign nv-sa, C = BE	8895BECEFC2AE76CB15477345F324BD2B9633CA62EB43BA2FD9C7FDBDB86E73B	Expired on April 17, 2026
218	CN = GlobalSign Atlas R6 EV TLS CA 2020, O = GlobalSign nv-sa, C = BE	BCE7091355D2417A37F8CFE2AC8F17C2748888BA0EEA90000FC980ECFC2D041F	
219	CN = GlobalSign GCC R3 EV QWAC CA 2020, O = GlobalSign nv-sa, C = BE	D4A5941C7141ED1949A0C6CE9DD45A0AB94DC337902EB0A1209852738EEBE854	
220	CN = GlobalSign Atlas E46 EV TLS CA 2020, O = GlobalSign nv-sa, C = BE	364DF25CC88F6FB0202C02CD9B8EA02DFE8AC02341EFF5A9DFFC5BE159ED5991	
221	CN = GlobalSign Atlas R46 EV TLS CA 2020, O = GlobalSign nv-sa, C = BE	E1E15D289697AF3285BF34112A3E60BC11C0C8122DD2B9B3420AB2E5E57883CA	



GlobalSign NV/SA
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EV TLS Issuing CA			
#	Subject DN	SHA256 Fingerprint	Other information
222	CN = GlobalSign Atlas R46 EV TLS CA 2024 Q3, O = GlobalSign nv-sa, C = BE	A2A17C92AAB8165D1082C922C541F86ACDB2D691D645BDBB1C9D65EDCD5D56DF	Expired on April 17, 2026
223	CN = GlobalSign Atlas R6 EV TLS CA 2024 Q3, O = GlobalSign nv-sa, C = BE	5F8BAA9B8D5DB1707D56F07E1B44D77D84EF0CA6923B6B44B7CF47AD9C47EECF	Expired on April 17, 2026
224	CN = GlobalSign Atlas R6 EV TLS CA 2022 Q3, O = GlobalSign nv-sa, C = BE	0C92594BD394B4887A1D66EC5E631FFAD3BA4B07FE2EB6D15D2F5FEE4C90C454	Expired on April 20, 2025
225	CN = GlobalSign Atlas R46 EV TLS CA 2022 Q3, O = GlobalSign nv-sa, C = BE	0ED5AA0061D09B703E1B3150FB6367870BBF245CCEED4FE08F2DBE4201723A8D	Expired on April 20, 2025
226	CN = GlobalSign Atlas R6 EV TLS CA 2023 Q3, O = GlobalSign nv-sa, C = BE	D454487FBE3B2CBC10C3023E73AEE27F3E3640726CE7BB03BB4244B50CB2F4C4	Expired on April 19, 2025
227	CN = GlobalSign Atlas R46 EV TLS CA 2023 Q3, O = GlobalSign nv-sa, C = BE	2335D5EDFA507EB56B7DAC00F434D55B9565A6F968E4CD3AC01BAC2317A10B16	Expired on April 19, 2025
228	CN = GlobalSign Atlas E46 EV TLS CA 2023 Q3, O = GlobalSign nv-sa, C = BE	40D44FA09A260E8FCD527293AA965F247B31E2104FA51B36D263B0479FB828F2	Expired on April 19, 2025
229	CN = GlobalSign Atlas R6 EV TLS CA 2023 Q4, O = GlobalSign nv-sa, C = BE	4959306BAE8C548D319D1855C34493F7AD00B9BAF824BDFD96FF2C3C32BDAAEEA	Expired on July 19, 2025
230	CN = GlobalSign Atlas R46 EV TLS CA 2023 Q4, O = GlobalSign nv-sa, C = BE	B97E1037E4CD5C069271600AFD1FF345EEAE1BC2C023A5FBA8B163260FCA5DAB	Expired on July 19, 2025



GlobalSign NV/SA
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EV TLS Issuing CA			
#	Subject DN	SHA256 Fingerprint	Other information
231	CN = GlobalSign Atlas E46 EV TLS CA 2023 Q4, O = GlobalSign nv-sa, C = BE	1DFFC2AD5B423DCC715DFE54AA117F2525974D9571FEA82819232807F4ADD4EE	Expired on July 19, 2025
232	CN = GlobalSign Atlas R1 EV TLS CA 2023, O = GlobalSign nv-sa, C = BE	BFB08828EB69B99EE7CEBDD687C8E883A1FE07D3F998347F92EE9356414AD002	
233	CN = GlobalSign Extended Validation CA - SHA256 - G3, O = GlobalSign nv-sa, C = BE	AED5DD9A5339685DFB029F6D89A14335A96512C3CACC52B2994AF8B6B37FA4D2	
234	CN = GlobalSign ECC EV SSL CA 2018, O = GlobalSign nv-sa, C = BE	8F19FFE02FC795ED70765D1436ADDF772FE0F0773DA436EDBDB42A2E30E2E828	
235	CN = GlobalSign Atlas R6 EV TLS CA 2024 Q1, O = GlobalSign nv-sa, C = BE	020EEC98A3C1ED2D5BE21193349ACB9751DE071D6B452A489A6A867CE9B633E9	Expired on October 18, 2025
236	CN = GlobalSign Atlas R46 EV TLS CA 2024 Q1, O = GlobalSign nv-sa, C = BE	60B846638922190DE52C1AB044FD2FA88A9D6DF3989831C00C84296B8DB7A5EE	Expired on October 18, 2025
237	CN = GlobalSign Atlas E46 EV TLS CA 2024 Q1, O = GlobalSign nv-sa, C = BE	D78BE04CDBE328D5493489067B8DF1C57E65EA74D888F08C711E815A6A11A14	Expired on October 18, 2025
238	CN = GlobalSign Atlas R6 EV TLS CA 2024 Q2, O = GlobalSign nv-sa, C = BE	91DDDCB95C82585A3D8645F665CE7B8B606569F6941D33BD9DDA338A5EF6D4C2	Expired on January 17, 2026
239	CN = Keysec GR3 EV TLS CA 2024, O = KEYSEC LTDA, C = BR	9173EFAEA4E61855EB858D107DBA94A1CD18CAE00EAF9C7EDB57201AD99A9BFD	



GlobalSign NV/SA
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EV TLS Issuing CA			
#	Subject DN	SHA256 Fingerprint	Other information
240	CN = GlobalSign Atlas E46 EV TLS CA 2022 Q3, O = GlobalSign nv-sa, C = BE	4006CDFF6D8D52DC090FF5382B9C30CEA8CC5005DF2D5E8203CD67921797750D	Expired on April 20, 2025
241	CN = GlobalSign Atlas E46 EV TLS CA 2024 Q2, O = GlobalSign nv-sa, C = BE	04E808603BE46B2534562E3DE237F4AE7ABE2B5E3141D8DEC470A822370D3DB7	Expired on January 17, 2026
242	CN = GlobalSign Atlas R46 EV TLS CA 2024 Q2, O = GlobalSign nv-sa, C = BE	D5816A7FD5FA18D3E0C44C78273FA856BE0A3A993428826763E3A88086311986	Expired on January 17, 2026
243	2.5.4.97 = NTRBE-0459134256, CN = GlobalSign GCC R46 EV QWAC CA 2025, O = GlobalSign nv-sa, C = BE	C12FE52A74D33B88439FEAFBDCE47EAEEB881A3CA42078FDF13C0FF4E39B8161	
244	CN = GlobalSign Atlas E46 EV TLS CA 2026 Q2, O = GlobalSign nv-sa, C = BE	9EF94964B445161A7E69380CBCA0001ACA466818E5019AC8F7F75A9ADA910FF3	
245	CN = GlobalSign Atlas R46 EV TLS CA 2026 Q2, O = GlobalSign nv-sa, C = BE	397D0205B51C4BC8E26FA10FB3B21141B95738A35AA6CD66F47CF7142DE08B23	
246	CN = GlobalSign Atlas R6 EV TLS CA 2026 Q2, O = GlobalSign nv-sa, C = BE	7E848DE198F87E3E34AC956F97AF133A0A442776B481A2978F0514FBEBADA511	
247	CN = Soluti V2 GR46 EV TLS CA 2025, O = SOLUTI - SOLUCOES EM NEGOCIOS INTELIGENTES S/A, C = BR	45BC6AE95E407AB5E56AFDFEEEE38CED8E96A6AC9032AD4D122C5ACB46BDC3312	
248	CN = GlobalSign Atlas E46 EV TLS CA 2026 Q1, O = GlobalSign nv-sa, C = BE	4AAAD9A0D4B1E2BA8D5C571ECCBF5327664FF22EC131DEBBDD1D8767F968F6AFB	



GlobalSign NV/SA
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EV TLS Issuing CA			
#	Subject DN	SHA256 Fingerprint	Other information
249	CN = GlobalSign Atlas R46 EV TLS CA 2026 Q1, O = GlobalSign nv-sa, C = BE	C4048268C4A7E5F13457D335FDC072801923246E37F9A6B723BE67A13A5E90CD	
250	CN = GlobalSign Atlas R6 EV TLS CA 2026 Q1, O = GlobalSign nv-sa, C = BE	4BBD0ADC43CF8B3EE5F3DA75A1C2373283A30B08D66C22786CE137110B71FFBB	
251	CN = GlobalSign GCC R46 EV TLS CA 2025, O = GlobalSign nv-sa, C = BE	73CB0FD1FE764CE7605F77BCE71DFEC49E449ED2BB9CC76B6AE7F75691EA6161	
252	CN = GlobalSign GCC E46 EV TLS CA 2025, O = GlobalSign nv-sa, C = BE	D077F277688DD5141029DD84D02F51966E1F337B5CFED88C5BBD61929EB3B748	
253	CN = GlobalSign Atlas E46 EV TLS CA 2025 Q4, O = GlobalSign nv-sa, C = BE	AB52DD2FBD0AD9C42E8F763996C0A9423995250434BECAED131F947E77D75684	
254	CN = GlobalSign Atlas R46 EV TLS CA 2025 Q4, O = GlobalSign nv-sa, C = BE	5AFB7604C3E83F4EC9B2C318353457526A94A4BD076B2AD6AE7BEB64E387C3D0	
255	CN = GlobalSign Atlas R6 EV TLS CA 2025 Q4, O = GlobalSign nv-sa, C = BE	4E6B95E7142558AEC2CEAFCC0593321498C899107366F0A89A916FA55BDA8C2E	
256	CN = GlobalSign GCC R3 EV TLS CA 2025, O = GlobalSign nv-sa, C = BE	1B2928021A4B89CF0F572A2436E914E25412AD58EDEE221E6C7C3C5437179A26	
257	CN = GlobalSign Atlas R46 EV TLS CA 2025 Q3, O = GlobalSign nv-sa, C = BE	D5BECFA80B916BD98EC673ACC3EC15FA653E94239D43243EDB4A475EFD932517	



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EV TLS Issuing CA			
#	Subject DN	SHA256 Fingerprint	Other information
258	CN = GlobalSign Atlas E46 EV TLS CA 2025 Q3, O = GlobalSign nv-sa, C = BE	0ED6D98FB0E497E43895FD5F8BFE3A36FEF4471275FC83DFE2550ABEF90D88A8	
259	CN = GlobalSign Atlas R6 EV TLS CA 2025 Q3, O = GlobalSign nv-sa, C = BE	D0901497DB8C9FA8D9B84431A8A5B2D3F00E237EA1FE767C3F4F66A8B14302F1	



GlobalSign NV/SA
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Non-EV Code Signing CA			
#	Subject DN	SHA256 Fingerprint	Other information
260	CN = GlobalSign GCC R45 CodeSigning CA 2020, O = GlobalSign nv-sa, C = BE	74D499A72D0BA5D4DDEC55805ECF157C891E45E5D490A19DC5FD4476954E774B	
261	CN = GlobalSign GCC R45 CodeSigning CA 2020, O = GlobalSign nv-sa, C = BE	1D577890A6F07BFBF7CD7C30F9EC0CA935DBA846F9F02BA8B77ACE6BA4F767A3	
262	CN = GlobalSign CodeSigning CA - G2, O = GlobalSign nv-sa, C = BE	FFFE077503FD72F0E5338B0A7B4E218E7D1FF82E493E7E852AE51AA1C7585D17	Expired on April 13, 2026
263	CN = GlobalSign CodeSigning CA - SHA256 - G2, O = GlobalSign nv-sa, C = BE	BE40813869AB27A071D12AD6A8830583EBC3B618E3F2346359F4B11A1C9434EE	



GlobalSign NV/SA

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EV Code Signing CA			
#	Subject DN	SHA256 Fingerprint	Other information
264	CN = GlobalSign GCC R45 EV CodeSigning CA 2020, O = GlobalSign nv-sa, C = BE	CD0E144DD10BAC221FE2FB901058D16450A0578B3C47C770908F2E9ADA28EF12	
265	CN = GlobalSign GCC R45 EV CodeSigning CA 2020, O = GlobalSign nv-sa, C = BE	3E303F58EDD8C0F3373398BE2C210333D3A2D13DCD16283DEDA94E13D4833313	
266	CN = GlobalSign Extended Validation CodeSigning CA - SHA256 - G2, O = GlobalSign nv-sa, C = BE	1E864278C20881B671C0C6D2E14B61150AD1F13CF92C6EC14B550DCBC47E1541	



GlobalSign NV/SA

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Timestamp CA			
#	Subject DN	SHA256 Fingerprint	Other information
267	CN = GlobalSign TSA CA for AATL, O = GlobalSign nv-sa, C = BE	4D8EB49380EC72AC9FDF21FE1C6DB2E9490C76BEADD1F7B528C3CCD272C8FE28	
268	CN = GlobalSign Timestamping CA - SHA384 - G4, O = GlobalSign nv-sa, C = BE	F642418E4D0C63DEC785C960EFA68BA745F38851744EF81F225CB89305314D50	
269	CN = GlobalSign Atlas R45 TimeStamping CA 2022, O = GlobalSign nv-sa, C = BE	0C74179FDE6EFAD4A052C55DF083048430560483706179F305102E0C74B96CCB	
270	2.5.4.97 = NTRBE-0459134256, CN = GlobalSign Atlas R45 Qualified Timestamping CA 2024, O = GlobalSign nv-sa, C = BE	984721239B82A5630CDECA98C0AD5B384FFB0E9DFF6767A0390510982AAA1AFB	
271	CN = GlobalSign R45 AATL TimeStamping Root CA 2021, O = GlobalSign nv-sa, C = BE	3A6224E6EF98D0C4770C229E89CFA346623DF5A250D4B68D04CD5DA4BD85C4CE	
272	2.5.4.97 = NTRBE-0459134256, CN = GlobalSign Atlas R45 Qualified Timestamping CA 2020, O = GlobalSign nv-sa, C = BE	D86E6264D58E4CA78AF419740D8186EA8EC48F0C33B4B4D7CA027931D627B1C8	
273	CN = GlobalSign Partners Timestamping CA - SHA384 - G4, O = GlobalSign nv-sa, C = BE	2A015531A5F3A4CE589BD853C71DD069587322F574D85C9C9B9F9DF8F86C075E	



GlobalSign NV/SA
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Timestamp CA			
#	Subject DN	SHA256 Fingerprint	Other information
274	CN = GlobalSign Partners TSA CA for AATL, O = GlobalSign nv-sa, C = BE	7E8F914119BB1090D6204908E5AE1F40BE24C1491CD7D5CFB6A93618CBC00FD9	
275	CN = GlobalSign Atlas E46 TimeStamping CA 2022, O = GlobalSign nv-sa, C = BE	FE7C73361732C6C64739FA83A1D7C781EE1AEA990A605AD2FC72FB9586A452FC	
276	CN = GlobalSign Atlas E46 Qualified TimeStamping CA 2022, O = GlobalSign nv-sa, C = BE	FE0FC91A867975373ED2872CB3BD3DB708256D7C3A978486AF001CC008C1EBCC	
277	CN = GlobalSign Qualified Time Stamping CA 2019, O = GlobalSign nv-sa, C = BE	74ABE5E5CCEB75491FF72C4CF325405D8ADBFE390E189CF430BA60E62798878E	
278	CN = GlobalSign TimeStamping CA - G3, O = GlobalSign nv-sa, C = BE	95C6A747DD0BC755A1941827E894B8083592241B792541E2EB1B30FB9B13F57F	
279	CN = GlobalSign TimeStamping CA - SHA256 - G3, O = GlobalSign nv-sa, C = BE	BE33D1C57EBDDD927B57BDB604BE457B552FE568E7F3DCBA093C39ED1C30A239	
280	CN = GlobalSign TimeStamping CA - G2, O = GlobalSign nv-sa, C = BE	C977923C771E1A66C925A2B6F501732E678DC9887AFE6BFAAC039D1D9A71F0EC	
281	CN = GlobalSign TimeStamping CA - SHA256 - G2, O = GlobalSign nv-sa, C = BE	9BF9496777D14425ED0086C1BB2C0707B62A61C194C5162E4F07637AFF166B76	



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Timestamp CA			
#	Subject DN	SHA256 Fingerprint	Other information
282	CN = GlobalSign Timestamping CA, O = GlobalSign, OU = Timestamping CA	D0CAE6947BC77F0B495CA808D6CDE685FCD20225E1E530B635B113ED40728EF3	
283	CN = GlobalSign Timestamping CA - R3, O = GlobalSign, OU = Timestamping CA	61C1067083AE044EF1D649CE590BBF09D9D739E025DA8D195F71CFAAD6EBAE69	
284	CN = GlobalSign Offline R45 Timestamping CA 2025, O = GlobalSign nv-sa, C = BE	52373A21B95B5E6DE12A2BCF0FFB7D6A633B4CAAD725F64F6236FBE989DBC29E	
285	CN = GlobalSign Atlas E46 C2PA Timestamp CA 2026, O = GlobalSign nv-sa, C = BE	513E68935207001A845FA68A80B332BA180B2DE7335B743EF958FE6D585798DA	
286	CN = GlobalSign Atlas R46 C2PA Timestamp CA 2026, O = GlobalSign nv-sa, C = BE	3789E9CAD47CB126EDEDAB6F5D1DC5F081B3DC6F39F0CCA229520AC8EDE69817	



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S/MIME Issuing CA			
#	Subject DN	SHA256 Fingerprint	Other information
287	CN = CRB Group Atlas R45 SMIME CA 2025, O = CRB Group, Inc., C = US	3C905753C59C45FFDA3E0B147C7E9165D4D1C6AFFD67CD1A20BC05E58D3B5BF6	
288	CN = European Labour Authority Atlas R45 SMIME CA 2024, O = European Labour Authority, C = SK	04A63C051A207C4D88CACF0451412204CC759CA0584DE1EA3D5C658D3AF4F03C	
289	CN = European GNSS Agency Atlas R45 SMIME CA 2021, O = European GNSS Agency (GSA), C = CZ	F4EFE27C6B037747B3A89E23EE23C1B70A24DEB53B2E02F423BB0F73E1822267	
290	CN = GROB-WERKE GmbH und Co. KG GCC R3 SMIME CA 2020, O = GROB-WERKE GmbH und Co. KG, C = DE	6FC0296F355073DD3622150FB496EB455C8C547146191076C5AF76FA9C36C238	
291	CN = GROB-WERKE GmbH und Co. KG GCC R3 SMIME CA 2020, O = GROB-WERKE GmbH und Co. KG, C = DE	B75840FEA15C545335CD4BA58B707F53524CE984655AEBCC248A57E6F2403A8B	
292	CN = CBMM GCC R3 SMIME CA 2020, O = COMPANHIA BRASILEIRA DE METALURGIA E MINERACAO, C = BR	F6F9C3FC5636C7E800EB1BDDFD33AAF98495C130DBF48F9BAF4AB7A1F665DFB4	
293	CN = CBMM GCC R3 SMIME CA 2020, O = COMPANHIA BRASILEIRA DE METALURGIA E MINERACAO, C = BR	F6FAD88040CA2A7301B7ABA5094E9610B344368C2D37A99D0EDC6F0CD534B297	



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S/MIME Issuing CA			
#	Subject DN	SHA256 Fingerprint	Other information
294	CN = DSigner GCC R3 SMIME CA 2020, O = DSIGNER, SOCIEDAD ANÓNIMA, C = GT	0E95B3411E3806ECF7C4C6026956F3E5F3EB1EC096C0F982CAD30ECB37AFFC85	
295	CN = DSigner GCC R3 SMIME CA 2020, O = DSIGNER, SOCIEDAD ANÓNIMA, C = GT	3FA4A9B65FDF6876FE668DFECC434932EBC254FD741119FC432A5989A085F320	
296	CN = SWIFT Atlas R3 SMIME CA 2022, O = SWIFT SC, C = BE	A4819D67CC975AC71BC9315FA08DFA5AFFB9A537D79A6865FEF574F28ED5B52B	
297	CN = SWIFT Atlas R3 SMIME CA 2022, O = SWIFT SC, C = BE	65BAE54958A42CD00D08DA3AC63641B3D74F2B38C1EC14F29CFF13A7136E88A9	
298	CN = SWIFT Atlas R3 SMIME CA 2022, O = SWIFT SC, C = BE	26697DE995B1E8A60ED1A2A04A37DC2E8B3BCD4ED869FCC53C7F6C1D12323E52	
299	CN = DPDHL User CA I5, O = Deutsche Post AG, C = DE	163B5F69720164075C16CE760A93C85D5073CD5A0D41C7A3AFB0B5E75B3DC646	
300	CN = DPDHL User CA I5, O = Deutsche Post AG, C = DE	487A1BBFE1106CF575F04196CAE3D987D990A29640F4CA5C8994830131541DA1	
301	CN = DPDHL User CA I5, O = Deutsche Post AG, C = DE	D4422292BB7DA8F8808DFA315D16A3A1380DB929E1E5A0335128FA71419E92BE	
302	CN = CRB Group GCC R3 SMIME CA 2020, O = CRB Group, Inc., C = US	E733E7E3E4AA765948CF4226391B49A72A0FEBF511E52DF96DF28398AFF61816	



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S/MIME Issuing CA			
#	Subject DN	SHA256 Fingerprint	Other information
303	CN = CRB Group GCC R3 SMIME CA 2020, O = CRB Group, Inc., C = US	814179F36A71529C915C540261E44638E37A4FCE879740F0CE7351A8E9291A03	
304	CN = GlobalSign GCC R6 SMIME CA 2023, O = GlobalSign nv-sa, C = BE	36D7314848ACCB3E4C5792D1B07120B1035BFB8B67E6600952D6745F5D6E22BD	
305	CN = GlobalSign GCC R6 SMIME CA 2024, O = GlobalSign nv-sa, C = BE	12C3BABB3D477F7AF620BE1943570D1CF88362A485E7BE302C5ED58912E76E53	
306	CN = GlobalSign Corporate IT Atlas R45 SMIME CA 2021, O = GlobalSign nv-sa, C = BE	1E95983E605565A3647135FFF16E28070E037CDB8AF714D06C9CFBD0BB285D35	
307	CN = GlobalSign Corporate IT Atlas R45 SMIME CA 2021, O = GlobalSign nv-sa, C = BE	7C4E78C74B4818D17EF8B8AB91E32DB4F7E3CE84A0C5E47AAA62AE39FAB60D01	
308	CN = Clayco Atlas R45 SMIME CA 2022, O = Clayco, Inc., C = US	F3794E0BB2EA5D4CD0E9C7818FFB66891A9F6FAE5AE8B9059E68E673FA03ADA7	
309	CN = RWE Atlas R45 SMIME CA 2020, O = RWE AG, C = DE	1DB4AFAC4E87938FE804ADA649D364DADD817878E0FD08A593C036716C19BC5B	
310	CN = EUSPA AR45 SMIME CA 2021, O = European Union Agency for the Space Programme (EUSPA), C = CZ	4B2757399C7DDCBFFCD1CEE17390D92958E6D95838105E8FF52205A6CE917F51	



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S/MIME Issuing CA			
#	Subject DN	SHA256 Fingerprint	Other information
311	CN = Bechtel Atlas R45 SMIME ICA 2022, O = Bechtel Corporation, C = US	BE71D33732D4857FF7AE610DFCC5E0A70B93F14C5D7A3418347D82CE975654AE	
312	CN = GlobalSign Corporate IT Atlas R45 SMIME CA 2024, O = GlobalSign nv-sa, C = BE	B8829605DD58C892A1D223FCF70D3F8534576E6AC617FA130876AD8B061AB3C1	
313	CN = Riksgälden Insättningsgarantin GCC R6 SMIME CA 2023, O = Riksgälden, C = SE	B0959E4BF3FEF426496F44615FA955359DEB6C30D0A67866FCE40FF3122F7F4F	
314	CN = Trusted Root nonTLS CA SHA256 G3, O = GlobalSign nv-sa, C = BE	3A30D4A3043F195609E30F747754699CC6CC97E1F5FCB83DE87E659E579E39AD	
315	CN = EUSPA AR45 SMIME CA 2021, O = European Union Agency for the Space Programme (EUSPA), C = CZ	A2F5C0CD7364E1123B21556FB7999BEA8E9F0AEF399A3544CD12EB83C238BA1E	
316	CN = EUSPA AR45 SMIME CA 2021, O = European Union Agency for the Space Programme (EUSPA), C = CZ	9506357B3B18E56BAEEBE95B7B9CB873A7C8AC973239DAA4D0BCEAAFFC527404	
317	CN = State Oil Atlas R45 SMIME CA 2022, O = State Oil Ltd, C = GB	19B57472F46A480A721F03275647D4E5DF7FC790BCF7603DD5C8F9F35F7DE117	Expired on June 15, 2025
318	CN = State Oil Atlas R45 SMIME CA 2022, O = State Oil Ltd, C = GB	DB8F5C248790FADCF1A3F405F1163C977B643056887CB6469D674AF5CEF46B5A	Expired on June 15, 2025



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S/MIME Issuing CA			
#	Subject DN	SHA256 Fingerprint	Other information
319	CN = GlobalSign Atlas R6 SMIME CA 2023, O = GlobalSign nv-sa, C = BE	4A50CA65DB216AD62D260C5EC1D9CAE225E7BF961329817E0E93B97DEC3D277C	
320	CN = Bechtel Atlas R45 SMIME ICA 2022, O = Bechtel Corporation, C = US	CCBED114280CFAA28407DF31913F99CA2F212B52E52CD3E150F8CD448EE459C3	
321	CN = Bechtel Atlas R45 SMIME ICA 2022, O = Bechtel Corporation, C = US	6390D54F26A13B6511B25130EC0580987AFAB843F15A1E16695AA456BD36C043	
322	CN = Clayco Atlas R45 SMIME CA 2022, O = Clayco, Inc., C = US	CDA61B2C3AEDD28FEEC05F6D0AE4102A1BD001CB4ED7F590F4A0B4B1EADD9B02	
323	CN = Clayco Atlas R45 SMIME CA 2022, O = Clayco, Inc., C = US	5B92AF30724309D82A1DEDDFB0975A336A7C7A45DDCAB6E0D24A48EBC49575B9	
324	CN = RWE Atlas R45 SMIME CA 2020, O = RWE AG, C = DE	3EFEC6B78BC4864625AB1A3D286AB0A4440D86DB98E07891859CCE3CE7BCA3CA	
325	CN = RWE Atlas R45 SMIME CA 2020, O = RWE AG, C = DE	BEE8FB99D7B9EC0CAEF1B1A6ACFFEABD777E31CBAC2D0E1846BDAEC4D5B18BE8	
326	CN = HERTZ GCC R45 SMIME CA 2020, O = The HERTZ Corporation, C = US	013C13426B92F703BA573D9E16C2E35AECA26C60F606B88D3CE2150C94D56C14	
327	CN = Spirit AeroSystems GCC R45 SMIME CA 2020, O = Spirit AeroSystems, Inc., C = US	31BBB081F0B0811DB4AE11A7D2B36168A98DE8230253423F13B5B241A0E8C707	



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S/MIME Issuing CA			
#	Subject DN	SHA256 Fingerprint	Other information
328	CN = Spirit AeroSystems GCC R45 SMIME CA 2020, O = Spirit AeroSystems, Inc., C = US	90D87E23B012A357851472CE9F4E49201F67BA9EC1FB9CD236C0C5AAA15FFE9E	
329	CN = EY LLP GCC R3 SMIME CA 2020, O = Ernst & Young LLP, C = GB	3A093122808FFFA440E19824D0BC7CD6B01D8D8277F7F42FA16E80A0205D4A7A	
330	CN = Accenture Federal Services GCC R3 Global CA 2020, O = Accenture Federal Services LLC, C = US	9D61B40ECFE094B415FBF6AEEA1FDB27A1A4C3B6FD9008D768777D6D7FBAAEE9	
331	CN = LinQuest GCC R3 SMIME CA 2020, O = LinQuest Corporation, C = US	7BB16E460DFF6DBC33D941D5552D494B71E776B79FFDE7A5C0413F64A768931E	
332	CN = LinQuest GCC R3 SMIME CA 2020, O = LinQuest Corporation, C = US	DDD73ABF0259F18F77CA598C2745EA18243526B10D371D7E3B088D68C88C0A97	
333	CN = Quálitas Compañía de Seguros S.A. de C.V. GCC R3 CA 2020, O = Quálitas Compañía de Seguros S.A. de C.V., C = MX	795A8468D098E3729E6A17920AA6D8F27E84DC180F85C9B28A77FB368DCC7895	
334	CN = DexKo Global GCC R3 SMIME CA 2020, O = DexKo Global Inc., C = US	6C450398A321440532FE2FA41B31ABF13ADA8A94274D0397E6F24D18CED77A66	
335	CN = DexKo Global GCC R3 SMIME CA 2020, O = DexKo Global Inc., C = US	D531F24E655D1F28A344BD3E0E9B141CE88A4139C61CB0CF5184EF2E2B9531A7	



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S/MIME Issuing CA			
#	Subject DN	SHA256 Fingerprint	Other information
336	CN = GlobalSign Atlas R3 SMIME CA 2020, O = GlobalSign nv-sa, C = BE	479D6A0980722966237F06C41842EE796B55D4D00A0D663B785D48433A29156E	
337	CN = FIFCO Atlas R45 SMIME CA 2020, O = FIFCO, C = CR	80642AAC7C782BCDB0C3F6F385488F9BE3BB2DE30B863009E74B29F026C9EAE6	
338	CN = Trafigura PTE Ltd Atlas R45 SMIME CA 2020, O = Trafigura PTE Ltd, C = SG	36FCE16CC976727765DF5E9FADB12C544D704C35150D1F17DDE1A42A85B88BE4	
339	CN = GlobalSign GCC R45 SMIME CA 2025, O = GlobalSign nv-sa, C = BE	488F465D575607BC7CB7974CA7E6F4F5BCF76D9472719260DF902E73E0B87714	
340	CN = DHL Secure Mail CA I6, O = Deutsche Post AG, C = DE	333729B23AE4506C32E80C654C66EC7B2D1BBC7A923A216F48A7C62A46B52414	
341	CN = GROB-WERKE GmbH und Co. KG Atlas R45 SMIME CA 2025, O = GROB-WERKE GmbH und Co. KG, C = DE	C1E6B13C34B8029F8BBCEEACF9F543EBF02A1CC4D56255FCC51BAC3EA794BE4E	
342	CN = CBMM Atlas R45 SMIME CA 2025, O = COMPANHIA BRASILEIRA DE METALURGIA E MINERACAO, C = BR	BCCC52A414C3A58B8B2684B608B4CE4AC6B0FC2208EEED85BA0696866EAA3FF4	
343	CN = Österreichischer Rundfunk Atlas R45 SMIME CA 2026, O = Österreichischer Rundfunk, C = AT	7C56B9A6E3E2EF8904AB2FCFAF33141C907ADDFE1EC10E9BDD4C9B02CEFC6D2D	



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S/MIME Issuing CA			
#	Subject DN	SHA256 Fingerprint	Other information
344	CN = Riksgälden Insättningsgarantin GCC R45 SMIME CA 2025, O = Riksgälden, C = SE	94B0EAD1EFCF285669284DB0434D3BB7581DC89D2BD4A0305E5F07A461045E41	
345	CN = SWIFT Atlas R45 SMIME CA 2025, O = SWIFT SC, C = BE	0AD9DA2A043684C081F870FDF855D14A22908792079F07AD729C992E6E95675D	
346	CN = GlobalSign Atlas R45 SMIME CA 2025, O = GlobalSign nv-sa, C = BE	E08A15A2C88B55D910E2083443FBEB4781ECBA179B797EF4B7C5D0EA5694EA19	
347	CN = Spirit AeroSystems Atlas R45 SMIME CA 2025, O = Spirit AeroSystems, Inc., C = US	833D0A9A74CE20C031B04C6228BF1151232A335C1562DE93ED28E1CC85341724	



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Other CA			
#	Subject DN	SHA256 Fingerprint	Other information
348	CN = GlobalSign Timestamping Root E46, O = GlobalSign nv-sa, C = BE	24E9A5B561CDFEFEEEB73245DAC1B04465C513F936621D21902DD8A58FD6C461	
349	CN = GlobalSign Client Authentication Root E45, O = GlobalSign nv-sa, C = BE	F375270F2F216B9F62CC31795619F6FE1943DF65D1B198D3341170A40725BFC7	
350	CN = GlobalSign Client Authentication Root R45, O = GlobalSign nv-sa, C = BE	3DA135562E942799D547CA72EA57D7AC03791B24D4E24BA2E1E1331E8A1678F0	
351	CN = GlobalSign Timestamping Root R45, O = GlobalSign nv-sa, C = BE	6AFBC07C724C6F75C7743392F32BF5780BD5DD39268544D4882E7AEC1ADD0282	
352	CN = GlobalSign Code Signing Root E45, O = GlobalSign nv-sa, C = BE	E506B72BB97A14D24959A0D1A977E1ACDB6155D68FB4846885E544D147E7D577	
353	CN = GlobalSign Code Signing Root R45, O = GlobalSign nv-sa, C = BE	6385DDCD1B768648267EE5122897CA085FC45D6030ECB55098F583AF152AA4A6	
354	CN = GlobalSign Code Signing Root R45, O = GlobalSign nv-sa, C = BE	05E0634B1FEB98AE6B4CF101728CF9D5A1793CEACE301506FF332B22D4CF08EB	
355	CN = GlobalSign Secure Mail Root E45, O = GlobalSign nv-sa, C = BE	5B87841E80AAFE877804E56694473DCA8BB9F1FF4FFCF885A3DAFD24463FCB64	
356	CN = GlobalSign Secure Mail Root R45, O = GlobalSign nv-sa, C = BE	5268C94573AF66BA5A3DE979F2048DE43BD4B68AF0B73A2D639159FAFE637F69	



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Other CA			
#	Subject DN	SHA256 Fingerprint	Other information
357	CN = GlobalSign Root E46, O = GlobalSign nv-sa, C = BE	1DF6054D6641404633641BB5FA3742FDA7D075E2514840AB61E00CCBBB7D341D	
358	CN = GlobalSign Root E46, O = GlobalSign nv-sa, C = BE	0F1554C2FD591B0256A608E1C136A837E7A6E041561EE08A911B2AFDCD3C6C1B	
359	CN = GlobalSign Root E46, O = GlobalSign nv-sa, C = BE	33EF151EFB08D1C44FB85CC3F23EC6873014E9F881691BD4938B7F251580B694	
360	CN = GlobalSign Root R46, O = GlobalSign nv-sa, C = BE	45CB1D874CB03BD5C5B6E079C8FC29E51521EE5628486301964A41F94BA59F88	
361	CN = GlobalSign Root R46, O = GlobalSign nv-sa, C = BE	A63C1398B5F8DD2D432FBE4C2C19142BEA6D5D0221FAE794718AE7597ACCA96D	
362	CN = GlobalSign Root R46, O = GlobalSign nv-sa, C = BE	A5E33C28E3013A71F5F760AE3B16595090043D2EC5209EC52903C4FBAD258DAD	
363	CN = GlobalSign, OU = GlobalSign Root CA - R6, O = GlobalSign	75BFB522CC4B58DA22EE488517C5F2EFF92576D20F595F9ACE483A036FC1BB6B	Expired on June 4, 2025
364	CN = GlobalSign, O = GlobalSign, OU = GlobalSign Root CA - R6	DDA8DA736187D76F4F0ED5A5F667B54D99A98AE06091D0E3A01714E9221695AD	
365	CN = GlobalSign, O = GlobalSign, OU = GlobalSign Root CA - R6	C84E1378B974A991ACDCDD733421E3061E6FA21A0491C8902BAFDE3855E0063E	



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Other CA			
#	Subject DN	SHA256 Fingerprint	Other information
366	CN = GlobalSign, OU = GlobalSign ECC Root CA - R5, O = GlobalSign	0AED971671F8FE67EBA28817550AFEE946FDC2C52250003A6CFB87BC5AAD8A04	Expired on June 4, 2025
367	CN = GlobalSign, O = GlobalSign, OU = GlobalSign ECC Root CA - R5	3F319B2AFED4A0F75127BE59925550D0428E68763A09E273EB6A9FF8D18DBB5B	
368	CN = GlobalSign, O = GlobalSign, OU = GlobalSign ECC Root CA - R5	F349954E8FB6D44011BCB789D97D9A2CB2032BD5F0B598D1FB8A099F5848D523	
369	CN = GlobalSign, OU = GlobalSign Root CA - R3, O = GlobalSign	2510E248903F01B63F9398179E5506979F0EF507E4174B657AF6F770A417EC94	Expired on June 4, 2025
370	CN = GlobalSign, O = GlobalSign, OU = GlobalSign Root CA - R3	445EEC78BC61215044A0379656AA2D5DB5E42F76CB70B8D14C2077AA943D4EBB	
371	CN = GlobalSign, O = GlobalSign, OU = GlobalSign Root CA - R3	C94FEDDA4E8608908580BC7F87B434E03BB262E42F64C63820A8F50FB17C1CEC	
372	CN = Hongkong Post Root CA 3, O = Hongkong Post, L = Hong Kong, ST = Hong Kong, C = HK	00482341B104A0DE6E0F1D508DB84CB514F7494FE04982133A5C750136C55DC8	In Hong Kong Post Audit Report (*)
373	CN = GTS Root R4, O = Google Trust Services LLC, C = US	76B27B80A58027DC3CF1DA68DAC17010ED93997D0B603E2FADBE85012493B5A7	In Google Trust Services LLC Audit Report (*)
374	CN = GTS Root R1, O = Google Trust Services LLC, C = US	3EE0278DF71FA3C125C4CD487F01D774694E6FC57E0CD94C24EFD769133918E5	In Google Trust Services LLC Audit Report (*)



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Other CA			
#	Subject DN	SHA256 Fingerprint	Other information
375	CN = AbbVie Atlas R45 AATL CA 2025, O = AbbVie, Inc., C = US	930A6F3BE751355957FC1EE5CBECEB98127C9EA3B03ED520002676D39EB6EA5C	
376	CN = GlobalSign CA for AATL - SHA384 - G4, O = GlobalSign nv-sa, C = BE	AC0AB963BB5F3DA05FBC8687F98C2B6EA0BB499E6118C1A9136B1BC7C3C71A6B	
377	CN = AbbVie Atlas R6 AATL ICA 2020, O = AbbVie, Inc., C = US	6509F94BCA4DC619F3E732D533ACD3D0F10ABA102A13123B6AF737C8E12DAA21	
378	CN = GlobalSign R45 AATL Root CA 2020, O = GlobalSign nv-sa, C = BE	B296DC3BCF451217D7AD4F84FB8EE25CC92FC659CAFA0EB4A8B5B4DB3D0215C2	
379	CN = GlobalSign GCC R6 AATL CA 2020, O = GlobalSign nv-sa, C = BE	75CC6021036890EAC71853FAE8382CF8DB33DC41706F42AAFE421E98AD38174C	
380	CN = GlobalSign GCC R45 AATL CA 2020, O = GlobalSign nv-sa, C = BE	BCF8D9040635C95E84F9FEDDF36F9422C0D215C23798E9C2D5F3798ECF27B68A	
381	CN = GlobalSign Atlas R45 AATL CA 2020, O = GlobalSign nv-sa, C = BE	65573E11BB13C6ED115E0B90E2C30B1E4DE4D5CAC1B31EAB2D417C32A3DA5D79	
382	CN = GlobalSign E45 AATL Root CA 2020, O = GlobalSign nv-sa, C = BE	87903E20623512D28BDBFACE4D41BD50F5BA6B1B2E8CCAB134CE161769EAEC00	
383	CN = GlobalSign E46 AATL TimeStamping Root CA 2021, O = GlobalSign nv-sa, C = BE	2A34A0225DBC82845E8C5F2F13897179A9B2D91E74D93BDE0021F4F89804E59F	



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Other CA			
#	Subject DN	SHA256 Fingerprint	Other information
384	CN = GlobalSign CA for AATL - SHA256 - G3, O = GlobalSign nv-sa, C = BE	2E8820DC0EAFAE3D6D285C057ECE14470B377438B002CEDD4C72B4F343A54F43	
385	CN = GlobalSign CA for AATL - SHA256 - G2, O = GlobalSign nv-sa, C = BE	AA89C466E9D06882C0DAAF72BE0F0FBCFE7C1EF2AAAD190640C4AD44F5517F34	
386	CN = JCAN Public CA1 - G4, OU = JCAN Public CA1 - G4, O = JIPDEC, C = JP	9AC4C8E358C095C998122ADD17A336C0AC597ECBECB7EDC3F58A75040CF94A5F	
387	CN = GlobalSign GCC R3 PersonalSign 2 CA 2020, O = GlobalSign nv-sa, C = BE	F0DBB9E90E6643CCB23660147E5DE24760440089D96F4AD0D82F66C3E7DA5C20	
388	CN = GlobalSign GCC E45 Client Authentication CA 2023, O = GlobalSign nv-sa, C = BE	ED8C173B5AA6C71B4456E10C2D9841D2F8B358E093C24BE021508EB0E79505A6	
389	CN = GlobalSign GCC E45 Client Authentication CA 2024, O = GlobalSign nv-sa, C = BE	D7F096978E2BE8F431EAC0606EF79A64F4DF1CEC49BEB49DD701F9385DED7C8F	
390	CN = GlobalSign GCC R45 Client Authentication CA 2024, O = GlobalSign nv-sa, C = BE	B642FE0BEEDA939226D98030811804987283E4F20B5638F9AA74C1650D3F7A10	
391	CN = JCAN GCC R6 Public CA1 - G5 2024, O = GMO GlobalSign K.K., C = JP	4BFC1B87164F6EB0C0B68BA69093BE73E3F745F896CFD236B028BAA0E5321B39	



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Other CA			
#	Subject DN	SHA256 Fingerprint	Other information
392	CN = NAESB GCC R45 Client Authentication CA 2024, O = GMO GlobalSign, Inc., C = US	1AA7F7FB618CFC8E6EE7D12E2EEE826D3ED4A22F39EC21C9D2A5A0C40AE6BF92	
393	CN = RT2 Atlas Client Authentication ICA 2022, O = Real Time Technologies, Inc., C = US	086E13C1B237ABB0B2FD6A3424419E6F241BBB849CB60054F2309F1480592B5F	
394	CN = GlobalSign GCC R45 PersonalSign 3 CA 2022, O = GlobalSign nv-sa, C = BE	9153DB840DA0BDD27A0A2FCA32E4E278AF54C3580F3C45FACA402C70E6E4DA5C	
395	CN = GlobalSign GCC R45 PersonalSign 3 CA 2020, O = GlobalSign nv-sa, C = BE	50161C1232F32E8057879F9C7651A9088F5AA1EF5AC9A9A4BD445C6E788EA6F8	Expired on October 21, 2025
396	CN = NAESB GCC R45 Client Authentication CA 2020, O = GMO GlobalSign Inc., C = US	5EBD04144508FADD1B9DB79FF62B826D6FF893987B1534C0F8EEC2261D6AC452	
397	CN = InComm Agent Solutions Inc Atlas Issuing CA 2020, O = InComm Agent Solutions Inc, C = US	4DFD9A61EB32208A94F15719FF2EC71449BCB0F344C18D5D1D3994A6C30EC92E	
398	CN = GlobalSign GCC R3 PersonalSign 1 CA 2020, O = GlobalSign nv-sa, C = BE	583C7FC250856B7F947FC7CC076FE216273CA1713D122C2E5D8F6038FD6E3562	



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Other CA			
#	Subject DN	SHA256 Fingerprint	Other information
399	CN = DHL Client Auth CA I6, O = Deutsche Post AG, C = DE	EFEEC917B8383B48878AD40B09DFDC0C4698DF0DAF43C4B47474CB3C02B06A18	
400	CN = GlobalSign Atlas E45 Client Authentication CA 2025, O = GlobalSign nv-sa, C = BE	1A924B6032DF2E8EC67E149BF68708F6006E53B4DE4899722410BACCABDFCD44	
401	CN = GlobalSign Atlas R45 Client Authentication CA 2025, O = GlobalSign nv-sa, C = BE	612B045D9C08697594FD80E2BF6299150408F79FE1797D953FF208D5624A4D5F	
402	CN = GlobalSign GCC R42 Verified Mark CA 2023, O = GlobalSign nv-sa, C = BE	0FA93B3456322B7672C6B9616E09944E091E9DBDC63FF029B110400688CD4983	
403	2.5.4.97 = NTRBE-0459134256, CN = GlobalSign Atlas R45 Remote QSCD Delegated RA CA 2022, O = GlobalSign nv-sa, C = BE	AD304215A70BF5D06E84973BF49862F10CFF490DA9C97D1D6FA6934F8E3C98AF	
404	2.5.4.97 = NTRBE-0459134256, CN = GlobalSign Atlas R45 Qualified Remote Signing CA 2024, O = GlobalSign nv-sa, C = BE	5F4DE9476933306D850B530E01F543E70B461D48E402188F4E500679C304ED22	
405	2.5.4.97 = NTRBE-0459134256, CN = GlobalSign GCC R45 Qualified QSCD Signing CA 2024, O = GlobalSign nv-sa, C = BE	13D7E765FE222EC2590008EF8EF43C0C9BC256B87F2705B16D80AAB256843040	



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Other CA			
#	Subject DN	SHA256 Fingerprint	Other information
406	2.5.4.97 = NTRBE-0459134256, CN = GlobalSign GCC R45 Qualified Signing CA 2024, O = GlobalSign nv-sa, C = BE	4586A569DFD4C8DDBC4703805A14F9FDADF3D6C7CEFFCC127868A49B21FFA7C76	
407	2.5.4.97 = NTRBE-0459134256, CN = GlobalSign GCC R45 Qualified Signing CA 2020, O = GlobalSign nv-sa, C = BE	4E1474CFEB41D048C7E1E2C975D69AD3FD739BD44577A80D0432F233D51C5C77	
408	2.5.4.97 = NTRBE-0459134256, CN = GlobalSign Atlas R45 Qualified Remote Signing CA 2020, O = GlobalSign nv-sa, C = BE	323F35F0DFB01D6B478C24026C66852AAD3E96DCB1C5BE17C1DA1EC47D77CC87	
409	2.5.4.97 = NTRBE-0459134256, CN = GlobalSign GCC R45 Qualified QSCD Signing CA 2020, O = GlobalSign nv-sa, C = BE	1B728D4A76506634A11007912F1D8C6B9AA39BE1AFCA49096657CF1FFB4513BF	
410	2.5.4.97 = NTRBE-0459134256, CN = GlobalSign GCC E45 Qualified Signing CA 2020, O = GlobalSign nv-sa, C = BE	35E9429CDE680D8D5311CDD46FAEF0AEE694B0556C3D69C4F670E243D64C87FE	



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Other CA			
#	Subject DN	SHA256 Fingerprint	Other information
411	2.5.4.97 = NTRBE-0459134256, CN = GlobalSign Atlas E45 Qualified Remote Signing CA 2020, O = GlobalSign nv-sa, C = BE	5CB0FDEF052BD18A0A40ADA2235F46EB42B6D0993ED5A50DE47E3EA12FF191B1	
412	2.5.4.97 = NTRBE-0459134256, CN = GlobalSign GCC E45 Qualified QSCD Signing CA 2020, O = GlobalSign nv-sa, C = BE	8115E2CB4F04E56EA70EA932D0622831DD53B22BF6A93B3ACD9125FAB0374AF1	
413	CN = GlobalSign Atlas E45 AATL CA 2026, O = GlobalSign nv-sa, C = BE	4BFD9633EFB882AD5DE6E63C954E9EBC48CD0AA4FD824DED4F7034E8D2A018BA	
414	CN = GlobalSign Atlas R45 AATL CA 2026, O = GlobalSign nv-sa, C = BE	2B0E0C426230950B6872A59DF80641A87918623E1394F8D6997BC38AA5DEC96C	
415	CN = GlobalSign GCC R45 AATL CA 2026, O = GlobalSign nv-sa, C = BE	9002756176624D1DA91D402496A40DDD81CAF3A6ABBC84B90BC7B6A6A442C09B	
416	CN = itsme Sign Biometric CA 2025, O = Belgian Mobile ID, C = BE, organizationIdentifier = NTRBE-0541659084	05B0258EC83AD20E230A45068E2C821C1C48BF793B32C3D7596D87544F0C1B68	
417	CN = itsme Sign Non-Biometric CA 2025, O=Belgian Mobile ID, C = BE, organizationIdentifier = NTRBE-0541659084	84D62224525C18A2ACCC844196572B80ADA245C5E5D1F9F3AD0E186A6FB9619C	



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Other CA			
#	Subject DN	SHA256 Fingerprint	Other information
418	CN = GlobalSign Atlas E46 C2PA L1 CA 2026, O = GlobalSign nv-sa, C = BE	A1A77650F69A64A7639D722ECA19532D0F523F15D3D807E4BBC037C3DD5D581C	
419	CN = GlobalSign Atlas R46 C2PA L1 CA 2026, O = GlobalSign nv-sa, C = BE	E3ABE152F0CE254105A1A780E549EA77C34DE241E658A16859479BFADDF85D26	
420	CN = GlobalSign GCC R6 Authentication CA 2026, O = GlobalSign nv-sa, C = BE	8C8C66EE1974ECCB7BC1C6CC186C0C87B058607F55D8598A647163084644DEEC	

* The cross-signed certificate was signed with a key controlled by GlobalSign, and the certificate is subject to GlobalSign's CP/CPS. While the cross-signing establishes a trusted relationship, the cross-signed certificate is not controlled by GlobalSign.



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Appendix C – Locations

Location identifier	Country	State / Province
AE-01	United Arab Emirates	Dubai
BE-01	Belgium	Vlaams-Brabant
BR-01	Brazil	Minas Gerais
CN-01	China	Shanghai
IN-01	India	Delhi
JP-01	Japan	Tokyo
JP-02	Japan	Yamaguchi
JP-03	Japan	Tokyo
JP-04	Japan	Tokyo
JP-05	Japan	Tokyo
PH-01	Philippines	Makati
RU-01	Russia	Moscow
SG-01	Singapore	Singapore
SG-02	Singapore	Singapore
UK-01	United Kingdom	Kent
UK-02	United Kingdom	London
UK-03	United Kingdom	London
US-01	United States	New Hampshire



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Appendix D – Publicly disclosed incidents

ID	Disclosure	Publicly Disclosed Link
2007098	GlobalSign: misalignment of CRL URL in CCADB with issued certificates	Bugzilla Ticket Link



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Appendix E – Parked keys

#	SHA256 Fingerprint	Key Generation Date
1	FF68A42430157FE7B90197E0951B345B00FB57E9F7A3006C7A707895601D466B	March 23, 2021
2	80965F87D1E60AE47B83CDAC5FF7B1C39745C3844F55EE85017A9CF6A1E83049	March 23, 2021
3	3993B8953FFC7D235B6E3C332F1B07ACCA80EBA913C9D6FFC17D0552857080DD	March 23, 2021
4	01336BDE3B09F33E598362DA2FD6C3FFAEF90E6B558E84AB84E3F634374A748B	March 23, 2021
5	CFBC4698658A87D90B24CDE944BA8880BA8FA0CCB8FD08BCD04DE34DE6B4ED2A	March 23, 2021
6	DC6681CA23BAABE859EDA9FC1BFB8C090D4E38ABDC76AB11245C326DEAAD61AE	March 23, 2021
7	3273485BCD91F1BF347428976E784FF9432D26FE92955E07B22B8DF103478090	March 23, 2021
8	9DDC2C2CBE1EAC79335D97B29D680DFB4F09D0F99F4DABA3D85C809E5003A69E	March 23, 2021
9	B82B4BE4507D65C9822087BD25004CC3D7BE9CB887042D2329CC66A35E5E694A	March 23, 2021
10	93F75CCEA1023FA0ABB3FBA99F854BF7BC3D4B1A7B8425716FB49BED5DB989A3	March 23, 2021
11	E605EFAE39858D88A13BB918B4FF2B6F7B6D59519260612A1ACCF0A112BA1541	May 18, 2022
12	131940EAD6A5DACB1EDCC35C0C4B110E9F3FA3C0B9A6C66E49E203E04D7D0125	December 6, 2023
13	54463AE51860A78E82FFE3C0F0CBEA1296EB79F98AD00465D945888D21F1F54E	November 20, 2024
14	BBABBD98B2F8C644FD231FC443438706ADF7E0CEB1E34E809506DD66503DF1D0	November 20, 2024
15	5E29049EF02625103C0E504C1A11DEFA8D77CA8D95BAA0753A1D544A0C85B097	November 20, 2024
16	079AC53ED527332D58466811F4A6E60313919C36DFC101033C994F25FA8325C3	November 20, 2024
17	FAAAD44E77287F2717B1B37CA3A4986E1977A71AEB62D0F34D84A897FFD49578	November 20, 2024
18	07EDEFFFAF595B789490EAF6E97A8C329D48008915689C52D74AFE2D58232695	November 20, 2024
19	4A2239A9BF44684136F1A4E46F115539417E531BF09420054B2D5E981C667DDB	May 21, 2025
20	B6B7E8704D22BCA993CD9479E31BAD09E0E07B9D4A21B81E9357A5D9885FC825	May 21, 2025
21	4F9ECD720E1037D50FEED2B3DF98E2AD7EDB140098D215B2ABDC1AFC5B6B0DA0	May 21, 2025
22	82DCEFC9B400AC0009BDBD588B6C435676D5729E75F06EE1FC12A693BEC98582	May 21, 2025
23	F57C0EBEF0755E8485C5B8308F415DA605E27DECE9221697388763C84F1EDE98	May 21, 2025
24	09202EF729B30A36433FCAC5A318B607FCF7A77B3767482123811A41BE96A065	May 21, 2025
25	DB6F66659153DA04B1CDE02FF98341F6306C172BCDD1A28CC48B23D258901552	May 21, 2025
26	108925103D789370CEC2F6F3352C7A232C1D6933D77256D713F46F0303805EED	May 21, 2025
27	2F8C4994B1D2E08CFAE0EC5FE27F61EE2E24F24EB4DAA0BDEAA7453D8795609F	May 21, 2025
28	4E8F5BA0E9FA3FEE91EF3DD69DDCC423DBA1A46D5D6ACDF0FC25D0EDAD530FA7	May 21, 2025
29	3E5685DE65A62A25E68475E84BFD3E6C289461B651C56CDF3B179B2E04CDC76D	May 21, 2025
30	14FF4AE467D30CA7C315377EF0D078EC9402C9E5F4457E75981B51EAC4D13EC8	May 21, 2025
31	832495951C2769B2AD1FF09B454E910DF41D8EA17D00CBA5E1A4731016CFFDB2	May 21, 2025
32	0C395CE37591CFE54CECAB234AAE133764FE858679BD3E6C09EBE9F04A979E0B	May 21, 2025
33	F7509C42485B9D9999CADA3B14C39D82D2FE1D5606F5EC8E747ADA54C885ACCB	May 21, 2025
34	9F4F162A145362187DCEFD69C3116B65342302ABF1591586F65E03F30DAD0547	May 21, 2025



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#	SHA256 Fingerprint	Key Generation Date
35	5BD30F9A74AE8926ABEC04C2639560F6734C23D7DF991C8B7AABB2C520306C21	May 21, 2025
36	939B5A37712B3330DB3EAF4618E6F66FFBB4CD410C90FDDBD828F6AB46909CB0	May 21, 2025
37	9C1D6C9EE8BD3923E306D2FC345B3D2D1CAE6883EF77A44AEC2B8E9FB8B955F8	May 21, 2025
38	8241460774F696631E09258DB2B1C92A07C6E220C840B7B0CF099B21FED27CAC	May 21, 2025
39	80757264002BDEFB301B3582A8792340FCAD286319475145C0B1BBB085D81CE7	May 21, 2025
40	EBA1F06678F49D9ED3FAAE9752187EB8F08EDFC968820EA75D7613887E4B34C2	May 21, 2025
41	CA6791910EB899D07EE362AD55474D57A23C57901A7C4FAE1AE15FBF0959D43E	May 21, 2025
42	9AB501D0B9540E8A303F108F47B3A2D69464D1B9DB98DFC63CCE7F23048AFCC9	May 21, 2025
43	0C237FA3EB4CBDBDABA834EB216F58D367EAC1FC3E6248D260806EBD85F6102E	May 21, 2025
44	DE3A743464A6620B0FD255FC596943DA0083ABF3C907CA508563ACC33F3D8A51	May 21, 2025
45	A44DF283C61CE25EFD16D1B59FED65B662D7B9EF1959526924A5E5B97D4670B0	May 21, 2025
46	24A831850F71FE201A97EF7930469AC6CE89DBB503548D50F754F2315F31A000	May 21, 2025
47	4B52F35E280F4D0C99FB1CB52336AF67C9FEC1C30EC3ADAB94C4BE667BF550E5	May 21, 2025
48	EA8EAA3B90EC2263A6F24D5B268E0BA3C9DEB8CD7045D535A3E11A3325860310	May 21, 2025
49	CE4F04F1AF36EC0F2090A3345C6B2B3C7CC7F05DDCB6D127793E02EA46A6E426	May 21, 2025
50	0F7DC679C800BF346D5CC7ED8EA2C653644FFA6997650BCB9E0B3F438BFFB748	May 21, 2025
51	8FB6B9F69801540DC03A5A84ED022A908DABAEF66A1CB300A90345480C88184D	May 21, 2025
52	24F324D6C3DC035EE3605171515FE150D5F4B6FE1EB87DF1D429D86DBA8454DC	May 21, 2025
53	A115C5B1A5081752E458EAA08E7B82295509A1C1277A21CDDD7E6F0258BE1371	May 21, 2025
54	D609B86446141B5E78DF5927ECAF94B8E2502BB82010739E205CF65C804FA11B	May 21, 2025
55	28D2D9A09375B7E6053775FE6C91878C131ECB07935D5809528319C5F138B888	May 21, 2025
56	7CE454A6ACC8D741F246A5C9BA18BD069C25F1DEB6AB4F598D2BAF0A55BB176F	May 21, 2025
57	82738F206D592CF1053141A273886E6987B515397470DB147D20F03BF20357DD	May 21, 2025
58	CC93AAD583862E41CC76846BD8708EF98920F0FC6060618641256B93300F608E	May 21, 2025
59	28E7D0E85796E4598613AD01ED1140212AB1378147DC92BF98711734CDE0594C	May 21, 2025
60	51826B9D6DDDF9B0D72800122F64A51D33B73BE68934AB6FF105D4A66B09BC8B	May 21, 2025
61	26BE7517251A1EB079979756B33A78376BBE200B501C9324585AF906ABF14967	May 21, 2025
62	4084E6940289F1CC4AD8A35E524814328833455AD7CD33BB38EABFF0C124AEDD	May 21, 2025
63	8873A7125A9BFC4C865FBAD44FD4860D550CF731F93EAB84C900E7D5F52157F4	May 21, 2025
64	91036A69DB9CF93F71944F783B6F861C384AC06A3C4FA924A1A582BC14D09117	August 20, 2025
65	B6FD93A5FB8D2662E7B5CCDC035748A0590DCBF24E3ADD5AF0B32BA75C1788E9	August 20, 2025
66	A2C0915E613C5B6A0A2359CBCC8F6215F05A1D678D8D8C644BA029609E7E70D7	August 20, 2025
67	1004CB3E994CF8ABDA5DB9FB84FFC328DDB5C965EBFA42BF4B1E51CCF8338FDA	February 11, 2026
68	50CFE93384A691A04430FF563A689AB9D107C6C6A96D1E75B8D0140B29064892	February 11, 2026
69	2F1DD5D22EA0E98110F92EA164E06B59FCB97A1D5A5EFBD1EB78397D219D390E	February 11, 2026



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#	SHA256 Fingerprint	Key Generation Date
70	23074ECA2D96C0C7159C80789AB55134113F0D3EC1236283BB39BE075E1CD6AC	February 11, 2026
71	FD4DA978FD899E9EB697C6A8336CFF1851081BEDC7B60022164AAC9A07D30E7B	February 11, 2026
72	84EEA2F7EEA5B8255E11BD38BAFE561CABB18AD7F2E016EA46B899FD1205BC59	February 11, 2026
73	969CF05CC745A2A54E888AC35FE4BF2655910220E16321B86D817DD0F97E94E6	February 11, 2026
74	ED1E7E0D37982875876B56CC4A54F5BF83B75FDF43FEDBB62C0C628FB871EDD8	February 11, 2026
75	405C2489D46E8B9D05ECD76F38F62F8197B21AFDD44EC5EFD15BF226B0891194	February 11, 2026
76	09E6E978BAA548C9ACBE37F1DA9506F68454D55B90F7397365F63BC00F37A430	February 11, 2026
77	67948EFF9D3431B136D22BA47B69771FB92A71EABAC6D21606290EEB498EC149	February 11, 2026
78	F5013E0B968BC08D84A437BE6B00C1C866FFF41DB3FDDFD4D98B7C6C457D3AC3	February 11, 2026
79	456D8F9E84A6F1EA4EF20E24CD262AEF74A995B7DCF66414CAA5730F239CE09E	February 11, 2026
80	37B3C6AC2B99BD8A7C47E6786E85439522C6F57C43416915AAC5FDD79491AA56	February 11, 2026
81	51CF04BD06F50F993881800BFF37958A51D8786B2298E7BD18F297C7BE26BC1D	February 11, 2026
82	872A190BD18322CA2A039DA1598C6BBB977CCE6D144F8C892814EDBEFFBBABBD	February 11, 2026
83	BE2AF1A250CA2D36905B9288DC48F2B3806E011562B4423615551D18A9253837	February 11, 2026
84	853BD7392AC8C373782BB27F6C1DC63AA76F75D2F87138FFBCE975C89718BBF1	February 11, 2026
85	99D1DE5076B415D710F04D2BF9D0C86B374BFA2E80FBC201B6EC0EF66DF541CC	February 11, 2026
86	E70240B6EDE633A2875F712A161594BB10637F7E8E3A5B86D52670296ED109837	February 11, 2026
87	4AB7AC5D68F1F25916D783CEC898DE8CE64DFD95A859A2FDE21D38EDC46780D9	February 11, 2026
88	AC4A8E5802F9DE0FB406190EC69446A4C201E2D9F965ECEDCD5B9A36AB101292	February 11, 2026
89	110B5617A8E06B225304631C95ED68D5048F149626FF1FA613C25CC1A2A51854	February 11, 2026
90	590A6D90E3A01555E89DD30D4B5EF9F270654437967B282156173F691E1727CF	February 11, 2026
91	55034516504839FEE922764D7454198CD6DCD34D52120BECE21E98B07F933EC9	February 11, 2026
92	0F34911DEF8FBB14AE4FCBA393D552B3A0D95AE5F4C81D845CE6C4A9F8A7E4CF	February 11, 2026
93	391E419E8553F6F861D4CC9195091C8976821ECA21AD61774B4C6BF7943F0D3E	February 11, 2026
94	8ADC96E5716F5551540FB81DA4810A0E3AE5CF05E42BF92D40281C495CC40A70	February 11, 2026
95	C9D32ECCFE6CD0DD9D7F811CC2F1608D3711BCA43EC5640BF3859077DCB99851	February 11, 2026
96	38A3CFAA907AB62B7ACA45CC5C9FE94033CF5E5E075B400F3EBF077568BF80D3	February 11, 2026
97	766ACDF857B1DFE605E3AAB7D42FBB68F63B67AE3ADB39C3F53E663101937009	February 11, 2026
98	E229272A53C24F490CF4F923E6A9D9A7A4E03CC2AFA4910343D6A600E0ABD784F	February 11, 2026
99	BC0DA4A795BA22F8A15B1E0337DF0C693D9F486BB1F8D8E9D6454A0BD1D50FA1	February 11, 2026
100	B03EF56D76C9CB8F2271E50B94393FBEFFEB849B310CB6AF8E5D7C48834E0120	February 11, 2026
101	DAB34715B1120D456A97CE7FD28553F47BDEFC7A89BCDE9080B8BC8276DF94C8	February 11, 2026
102	6C8E9A96C8C7A5634521FC3294270DE4BD48C23E581F3A4D0BABD0EE9E324024	February 11, 2026
103	D5144C71977AA07706E95FF9161D129F8EA63B275B531B65187D38739226D560	February 11, 2026
104	1E91AED0924864F8155EF7EE7EF9932C760E658B72E8053D2692418CFF005659	February 11, 2026



GlobalSign NV/SA

Subject: Independent Auditor's Report WebTrust for CAs

#	SHA256 Fingerprint	Key Generation Date
105	B212A370A39BF2A02CC760387D42E0D290206B49196094D9B2C5AA8D9EB5D4E9	February 11, 2026
106	18680270485A6603F0309591FE5FBADB0AEA14BA7F3CA41F22C301420B22B18E	February 11, 2026
107	649C4495FD9AFA61F13F5B240AF4EDCFC560DE10A9674D0FC04F8E67309ED32D	February 11, 2026
108	333DECBCA9BFC13AE3CC67668CD1BE756657265D1A742A71421FE22E386C5F41	February 11, 2026
109	4457AD09EA2D6B92BE91A5BC18650F6E11A8A1128CD1A58920B63492E171B682	February 11, 2026
110	6FA98E5A69E71D5B5A568AE18BD9568B4522C808AAFAF970F0AB51AD23DD640E	February 11, 2026
111	D11D2E80453B696DA34561298B45E0EC70E62CC14724A1BEDB6C1C68566EA8A3	February 11, 2026
112	F04D125303107E3787F0FEF2AFA9A729E909A58FA77F0435D45A23CDC44BC405	February 11, 2026
113	ABDAE9A83D4B7C372716424B4DF068E44DECFA85A1392B1172F9BDC34739A38C	February 11, 2026
114	3F44F14F97B29BD0CE015A7FE06DB3B1E169E592AA5F36C535288F0171AEFAC0	February 11, 2026
115	351131869AB31FF7FFC485DCAC3971D48A967AB9C4DAC33D905BFD156B5579B7	February 11, 2026
116	C9EF3920F005600E3982199500243335C03F2A061AA25DED50139E17FA5F74BE	February 11, 2026
117	88F507BA9C450A9A43F545B91A6ED08CB51DEEA6D1D0A9B5FD651EAB8B0B350D	February 11, 2026
118	3C373FB59B91B55DE05F8511FA4A7E1F6F5D369BEF5296E5959ABBB87A3BBF5D	February 11, 2026
119	ECEDF1047DE3C8FF89136B022F1CA2732EE69E560037ADB9E39E34C6FFFDE098	February 11, 2026
120	94DA228B3961237130962DC389B0377018FA71ADB4B470F4EB3F95F3E563654F	February 11, 2026
121	336007EE593E919CC802961AB1B980E4616E81CC5DB270E65D255EE5C4BB6587	February 11, 2026
122	7537B31AE86A4B3EB9255DF6B97AF0AF73F51DB8D2A211702E425DA915C34DC8	February 11, 2026
123	7305985BB5B15C3C946902A96AF48D9E6A73D1B7B3BC116060ECB296A2696337	February 11, 2026
124	F37D5AFAA0CB7D98C8BEDD5C87BA62ED760D15449B3799603FB281AEEBA12588	February 11, 2026

GLOBALSIGN'S MANAGEMENT ASSERTION

GlobalSign NV/SA ("GlobalSign") operates the Certification Authority (CA) services as enumerated in Appendix B, and provides the following CA services:

- Subscriber registration
- Certificate renewal
- Certificate rekey
- Certificate issuance
- Certificate distribution
- Certificate revocation
- Certificate suspension
- Certificate validation
- Subscriber key generation and management
- Subordinate CA [cross-]certification

The management of GlobalSign is responsible for establishing and maintaining effective controls over its CA operations, including its CA business practices disclosure on its website, CA business practices management, CA environmental controls, CA key lifecycle management controls, subscriber key lifecycle management controls, certificate lifecycle management controls, and subordinate CA certificate lifecycle management controls. These controls contain monitoring mechanisms, and actions are taken to correct deficiencies identified.

There are inherent limitations in any controls, including the possibility of human error, and the circumvention or overriding of controls. Accordingly, even effective controls can only provide reasonable assurance with respect to GlobalSign's Certification Authority operations. Furthermore, because of changes in conditions, the effectiveness of controls may vary over time.

GlobalSign management has assessed its disclosures of its certificate practices and controls over its CA services. Based on that assessment, in GlobalSign management's opinion, in providing its Certification Authority (CA) services at its locations as enumerated in Appendix C, throughout the period April 1, 2025 to March 31, 2026, GlobalSign has:

- disclosed its business, key lifecycle management, certificate lifecycle management, and CA environmental control practices in the applicable versions of its Certification Practice Statements and Certificate Policies, as enumerated in Appendix A
- maintained effective controls to provide reasonable assurance that:
 - GlobalSign's Certification Practice Statements are consistent with its Certificate Policies
 - GlobalSign provides its services in accordance with its Certificate Policies and Certification Practice Statements

- maintained effective controls to provide reasonable assurance that:
 - the integrity of keys and certificates it manages is established and protected throughout their lifecycles;
 - the integrity of subscriber keys and certificates it manages is established and protected throughout their lifecycles;
 - subscriber information is properly authenticated (for the registration activities performed by GlobalSign); and
 - subordinate CA certificate requests are accurate, authenticated, and approved
- maintained effective controls to provide reasonable assurance that:
 - logical and physical access to CA systems and data is restricted to authorized individuals;
 - the continuity of key and certificate management operations is maintained; and
 - CA systems development, maintenance, and operations are properly authorized and performed to maintain CA systems integrity

in accordance with the WebTrust Principles and Criteria for Certification Authorities, version 2.2.2, including the following:

CA Business Practices Disclosure

- Certification Practice Statement (CPS)
- Certificate Policy (CP)

CA Business Practices Management

- Certificate Policy Management
- Certification Practice Statement Management
- CP and CPS Consistency

CA Environmental Controls

- Security Management
- Asset Classification and Management
- Personnel Security
- Physical & Environmental Security
- Operations Management
- System Access Management
- System Development and Maintenance
- Business Continuity Management

- Monitoring and Compliance
- Audit Logging

CA Key Lifecycle Management Controls

- CA Key Generation
- CA Key Storage, Backup, and Recovery
- CA Public Key Distribution
- CA Key Usage
- CA Key Archival and Destruction
- CA Key Compromise
- CA Cryptographic Hardware Lifecycle Management

Subscriber Key Lifecycle Management Controls

- CA-Provided Subscriber Key Generation Services
- CA-Provided Subscriber Key Storage and Recovery Services
- Requirements for Subscriber Key Management

Certificate Lifecycle Management Controls

- Subscriber Registration
- Certificate Renewal
- Certificate Rekey
- Certificate Issuance
- Certificate Distribution
- Certificate Revocation
- Certificate Suspension
- Certificate Validation

Subordinate CA Certificate Lifecycle Management Controls

- Subordinate CA Certificate Lifecycle Management

GlobalSign has disclosed the attached comments ([Appendix D](#)) that have been posted publicly in the online forums of the Bugzilla site, as well as the online forums of individual internet browsers that comprise the CA/Browser Forum.

Additionally, GlobalSign has disclosed an overview of CA private keys that have been generated but not yet associated with a CA certificate (“parked keys”) in [Appendix E](#).

GlobalSign does not escrow its CA keys and does not support Integrated Circuit Card (ICC) Lifecycle Management. Accordingly, our assertion does not extend to controls that would address those criteria.



Leuven, June 29, 2026

GlobalSign NV/SA

Original signed by

Arvid Vermote

Chief Information Security Officer

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Appendix A: Certification Practice Statements and Certificate Policies in Scope

Certification Practice statement	Begin Effective Date	End Effective Date
<u>Version 10.5</u>	March 7, 2025	July 15, 2025
<u>Version 10.6</u>	July 15, 2025	November 11, 2025
<u>Version 10.7</u>	November 11, 2025	November 24, 2025
<u>Version 10.8</u>	November 24, 2025	February 27, 2026
<u>Version 10.9</u>	February 27, 2026	March 31, 2026

* Note: Version 10.9 of the CPS was predominantly used as part of the WebTrust audit

Certification Policy	Begin Effective Date	End Effective Date
<u>Version 7.5</u>	March 7, 2025	July 15, 2025
<u>Version 7.6</u>	July 15, 2025	November 11, 2025
<u>Version 7.7</u>	November 11, 2025	November 24, 2025
<u>Version 7.8</u>	November 24, 2025	February 27, 2026
<u>Version 7.9</u>	February 27, 2026	March 31, 2026

* Note: Version 7.9 of the CP was predominantly used as part of the WebTrust audit

Combined CP/CPS	Begin Effective Date	End Effective Date
<u>Version 1.0 - Generic</u>	March 31, 2026	June 15, 2026
<u>Version 1.0 - eIDAS</u>	March 31, 2026	June 15, 2026

Appendix B: List of CAs in scope

The following CAs were in scope of the WebTrust for CA audit:

Root CA			
#	Subject DN	SHA256 Fingerprint	Other information
1	CN = GlobalSign Root CA, OU = Root CA, O = GlobalSign nv-sa, C = BE	EBD41040E4BB3EC742C9E381D31EF2A41A48B6685C96E7CEF3C1DF6CD4331C99	
2	CN = GlobalSign, O = GlobalSign, OU = GlobalSign Root CA - R3	CBB522D7B7F127AD6A0113865BDF1CD4102E7D0759AF635A7CF4720DC963C53B	
3	CN = GlobalSign, O = GlobalSign, OU = GlobalSign ECC Root CA - R5	179FBC148A3DD00FD24EA13458CC43BFA7F59C8182D783A513F6EBEC100C8924	
4	CN = GlobalSign, O = GlobalSign, OU = GlobalSign Root CA - R6	2CABEAFFE37D06CA22ABA7391C0033D25982952C453647349763A3AB5AD6CCF69	
5	CN = GlobalSign Root R46, O = GlobalSign nv-sa, C = BE	4FA3126D8D3A11D1C4855A4F807CBAD6CF919D3A5A88B03BEA2C6372D93C40C9	
6	CN = GlobalSign Root E46, O = GlobalSign nv-sa, C = BE	CBB9C44D84B8043E1050EA31A69F514955D7BFD2E2C6B49301019AD61D9F5058	
7	CN = GlobalSign Secure Mail Root R45, O = GlobalSign nv-sa, C = BE	319AF0A7729E6F89269C131EA6A3A16FCD86389FDCAB3C47A4A675C161A3F974	
8	CN = GlobalSign Secure Mail Root E45, O = GlobalSign nv-sa, C = BE	5CBF6FB81FD417EA4128CD6F8172A3C9402094F74AB2ED3A06B4405D04F30B19	

Root CA			
#	Subject DN	SHA256 Fingerprint	Other information
9	CN = GlobalSign Code Signing Root R45, O = GlobalSign nv-sa, C = BE	7B9D553E1C92CB6E8803E137F4F287D4363757F5D44B37D52F9FCA22FB97DF86	
10	CN = GlobalSign Code Signing Root E45, O = GlobalSign nv-sa, C = BE	26C6C5FD4928FD57A8A4C5724FDD279745869C60C338E262FFE901C31BD1DB2B	
11	CN = GlobalSign Document Signing Root R45, O = GlobalSign nv-sa, C = BE	38BE6C7EEB4547D82B9287F243AF32A9DEEB5DC5C9A87A0056F938D91B456A5A	
12	CN = GlobalSign Document Signing Root E45, O = GlobalSign nv-sa, C = BE	F86973BDD0514735E10C1190D0345BF89C77E1C4ADBD3F65963B803FD3C9E1FF	
13	CN = GlobalSign IoT Root R60, O = GlobalSign nv-sa, C = BE	36E80B78775DDA9D0BAC964AC29D5A5EC4F3684E0C74445E954A191C2939B8E0	
14	CN = GlobalSign IoT Root E60, O = GlobalSign nv-sa, C = BE	43ED443C1F0CD46C9914B4272C24DC42CF6FE62B4AAB37585878A26D882AE4CB	
15	CN = GlobalSign Timestamping Root R45, O = GlobalSign nv-sa, C = BE	2BCBBFD66282C680491C8CD7735FDBBAB7A8079B127BEC60C535976834399AF7	
16	CN = GlobalSign Client Authentication Root R45, O = GlobalSign nv-sa, C = BE	165C7E810BD37C1D57CE9849ACCD500E5CB01EEA37DC550DB07E598AAD2474A8	
17	CN = GlobalSign Client Authentication Root E45, O = GlobalSign nv-sa, C = BE	8B0F0FAA2C00FE0532A8A54E7BC5FD139C1922C4F10F0B16E10FB8BE1A634964	
18	CN = GlobalSign Timestamping Root E46, O = GlobalSign nv-sa, C = BE	4774674B94B78F5CCBEF89FDDEBDABBD894A71B55576B8CC5E6876BA3EAB4538	

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Root CA			
#	Subject DN	SHA256 Fingerprint	Other information
19	CN = GlobalSign Verified Mark Root R42, O = GlobalSign nv-sa, C = BE	CD122CB877C6928B9017B0F0B80DBD508196300BBD03CD7356C3BEEF524E7E0B	
20	2.5.4.97 = NTRBE-0459134256, CN = GlobalSign QWAC Root E41, O = GlobalSign nv-sa, C = BE	0A45B2D8A391E1149A678E0EE036CCD55A4340C9BB71CD040D27FC5018419EA2	
21	CN = GlobalSign C2PA Root R46, O = GlobalSign nv-sa, C = BE	1EE6DE679B7BD49596A515978FFE4F0C3C2C34289491E68ACF1ECDEC2257FF22	
22	CN = GlobalSign C2PA Root E46 O = GlobalSign nv-sa C = BE	08AB0C7324DBB170D5EC9C2D79153CD877CA29DE4E9D7140841F39802C6791D0	
23	CN = GlobalSign TLS Root R41, O = GlobalSign nv-sa, C = BE	5F3E53326BAAE806D7728186D92E9BF392D41252866BFBB9B93B131F82B1C42A	
24	CN = GlobalSign TLS Root E41, O = GlobalSign nv-sa, C = BE	6568BB072D96DE2A8EF8A3E89B6B7EF39A6F8394375DF49E9FF1E56A68EC0342	

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DV TLS Issuing CA			
#	Subject DN	SHA256 Fingerprint	Other information
25	CN = GlobalSign Atlas R3 AlphaSSL CA 2025 Q2, O = GlobalSign nv-sa, C = BE	00390AE5DAEB1A08755906AA4E5C455FF7DBC6EB1677C23905B6A063D3BE6B65	
26	CN = GlobalSign Atlas ECCR5 DV TLS CA 2025 Q2, O = GlobalSign nv-sa, C = BE	ADFCE41D4E699C1DD778CB5A0F5B41AB8A80016D19584DC94C23AF2D6E3866	
27	CN = GlobalSign Atlas R3 DV TLS CA 2025 Q2, O = GlobalSign nv-sa, C = BE	45D045616EE8DB33AF7E508D471EC9EAA91239B49F0A0614D8E69EF0B716C168	
28	CN = GlobalSign Atlas ECCR5 DV ACME CA 2025 Q2, O = GlobalSign nv-sa, C = BE	F4EDDB1F34C43E83EB01A9E5330218B8E5C16B08B3DCAA884A796E4F4669C079	
29	CN = GlobalSign Atlas R3 DV ACME CA 2025 Q2, O = GlobalSign nv-sa, C = BE	4888596B61E698B180535EDDE9CC12FBEC87F4CDDD9074FB68A3FCF1C3F11150	
30	CN = GlobalSign GCC R6 AlphaSSL CA 2023, O = GlobalSign nv-sa, C = BE	E46FB2A75097A345D4246DCF44A10DAA71D9FD0EBFAB61BA67E6DB84EE5B6CAB	
31	CN = Soluti V2 GR6 DV TLS CA 2024, O = SOLUTI - SOLUCOES EM NEGOCIOS INTELIGENTES S/A, C = BR	BA7651165CE1B82DC477CBBC501BE1AF67CDE182F233262FEF5D205F197738C6	
32	CN = GlobalSign Atlas R3 AlphaSSL CA 2025 Q1, O = GlobalSign nv-sa, C = BE	B80E6635E3DA3142A9DE65DFF8C31DEADF0136BDB609AB526CB3D3B37ABCD22	

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DV TLS Issuing CA			
#	Subject DN	SHA256 Fingerprint	Other information
33	CN = GlobalSign Atlas ECCR5 DV TLS CA 2025 Q1, O = GlobalSign nv-sa, C = BE	F0E7B17ECABA37C6029E2ACC032DFCDF2A9A75B19EFA8C220110C37F719F327D	
34	CN = GlobalSign Atlas R3 DV TLS CA 2025 Q1, O = GlobalSign nv-sa, C = BE	0BB2A52840F1DE1040118276872A63F0986E42B15D3A1D7779F1F7757C992ADC	
35	CN = GlobalSign Atlas ECCR5 DV ACME CA 2025 Q1, O = GlobalSign nv-sa, C = BE	D6A2012D797591CDE8C7EA0DD06A3803062C66159F52071EF087F06F9CB394FE	
36	CN = GlobalSign Atlas R3 DV ACME CA 2025 Q1, O = GlobalSign nv-sa, C = BE	0020D198028D12C73A2872376E24FBD73A39E39BF09338AC3B6495DD785DF678	
37	CN = GlobalSign Domain Validation CA - SHA256 - G3, O = GlobalSign nv-sa, C = BE	09BC1B137C031239EF788673E94EB17F5F3ECAB07D3ADBFB485E75ABFAAF3B9A	Expired on September 4, 2025
38	CN = AlphaSSL CA - SHA256 - G4, O = GlobalSign nv-sa, C = BE	7C4E90207B2B7CAEC080426CC469908CB27B925EE3B1C999C22B8568812FDA8C	
39	CN = Soluti CA - DV, O = SOLUTI - SOLUCOES EM NEGOCIOS INTELIGENTES S/A, C = BR	5C452334D9C9C9A2EA42CC77A7165E1795EE9D84EB70CB784B47EA9D92A582D9	Expired on February 24, 2026
40	CN = sslTrus GCC R6 DV TLS CA 2024, O = sslTrus Inc., C = CN	183801AE042D1C2E7CFF3EB21C277B0D0823DE52FE0DEABF316FBE17ECC03B9C	

DV TLS Issuing CA			
#	Subject DN	SHA256 Fingerprint	Other information
41	CN = GlobalSign Atlas R3 AlphaSSL CA 2024 Q4, O = GlobalSign nv-sa, C = BE	E73A879C7784C73C7239E3BC8DD1F2FDC519DCEB11B16AB0A18B5A40E04E0C27	
42	CN = GlobalSign Atlas ECCR5 DV TLS CA 2024 Q4, O = GlobalSign nv-sa, C = BE	513CA66A94979F93E442B6B20738CAE804914FBCBC69441A9E03A10636937039	
43	CN = GlobalSign Atlas R3 DV TLS CA 2024 Q4, O = GlobalSign nv-sa, C = BE	B776DFF0079E90A6BF6897380D40D6CF0C80FE86E65A06E0DF02D581A87705E2	
44	CN = GlobalSign Atlas ECCR5 DV ACME CA 2024 Q4, O = GlobalSign nv-sa, C = BE	43243DBE88A2A57F41DB22DE5E31836444AFCF41A6B9E38D01403413C276FF3D	
45	CN = GlobalSign Atlas R3 DV ACME CA 2024 Q4, O = GlobalSign nv-sa, C = BE	F6A33AF88990E858F1C7E0060CCB5B7F7E03F54ADD758CF8DBE25A9B042282	
46	CN = TK Elevator Atlas R6 DV CA 2021, O = TK Elevator GmbH, C = DE	988D6B2D87BAF43821C4D304BE2B0E8F325DC17B7A220E934F5C5B7BADFF8E1C	
47	CN = GlobalSign GCC R3 DV TLS CA 2020, O = GlobalSign nv-sa, C = BE	762538439509C411C437D3C567563E1378671281FC4A1464ADD031870843676E	
48	CN = GlobalSign Atlas R3 DV TLS CA 2020, O = GlobalSign nv-sa, C = BE	B65FE6A1BF2D52FF68B7D3E9D0F06B300A1C3F248309B70405CA7BDEC054BDDD	
49	CN = GlobalSign Atlas R3 AlphaSSL CA 2024 Q3, O = GlobalSign nv-sa, C = BE	A58405F641A0ABC11732C00D35A748F3BD0F52814337A6980D385DE3CDE04B3A	Expired on April 17, 2026

DV TLS Issuing CA			
#	Subject DN	SHA256 Fingerprint	Other information
50	CN = GlobalSign Atlas ECCR5 DV TLS CA 2024 Q3, O = GlobalSign nv-sa, C = BE	714345A66D06D325CFE05E0626C039AD8101693BD470BC4E95D874FD480A2261	Expired on April 17, 2026
51	CN = GlobalSign Atlas R3 DV TLS CA 2024 Q3, O = GlobalSign nv-sa, C = BE	5F0C6336D318BD0B46E1832514973360C9829301F4BA42A402A53A5A9421620E	Expired on April 17, 2026
52	CN = GlobalSign Atlas ECCR5 DV ACME CA 2024 Q3, O = GlobalSign nv-sa, C = BE	381CCD1DCD9BB6047EDA2550CF1919493258DCEFB7E87B594DD4440CCBA400E2	Expired on April 17, 2026
53	CN = GlobalSign Atlas R3 DV ACME CA 2024 Q3, O = GlobalSign nv-sa, C = BE	A404AC02E8F525544BB28EA0A18617F3A35B7A8852167222A154FC9336182ECB	Expired on April 17, 2026
54	CN = GlobalSign Atlas R3 AlphaSSL CA 2022 Q3, O = Globalsign nv-sa, C = BE	89578D72697AC25ABC6F6D382387443965412AC7448F103C9B1D11AB63A555CD	Expired on April 20, 2025
55	CN = GlobalSign Atlas R3 DV ACME CA 2022 Q3, O = GlobalSign nv-sa, C = BE	EB5E6C1AE30A0F9B8C5769105BA9D6882E4ACCB45E2F2F72AC388A2FACA0FEF3	Expired on April 20, 2025
56	CN = GlobalSign Atlas ECCR5 DV ACME CA 2022 Q3, O = GlobalSign nv-sa, C = BE	A8B2A4518A82A0CC0A60B2FB88B946557ADB4FA58458EC7680A77BB0E5334D8D	Expired on April 20, 2025
57	CN = GlobalSign Atlas R3 DV TLS CA 2022 Q3, O = GlobalSign nv-sa, C = BE	12DCFF9B60269E3B546C3FFB7E74BA58EB7EEBCBF5956771F784F7A582C2EA7A	Expired on April 20, 2025

DV TLS Issuing CA			
#	Subject DN	SHA256 Fingerprint	Other information
58	CN = GlobalSign Atlas ECCR5 DV TLS CA 2022 Q3, O = GlobalSign nv-sa, C = BE	E6C18D6D008C712B3017DE1AE7659418983254B01DE4895AE91F3B29FF482417	Expired on April 20, 2025
59	CN = GlobalSign Atlas R3 DV ACME CA 2023 Q3, O = GlobalSign nv-sa, C = BE	2FE4DAE370FCF2B58F0C75F2ABC49414B881F554ECF21485EAE73FEAA17B1DCD	Expired on April 19, 2025
60	CN = GlobalSign Atlas ECCR5 DV ACME CA 2023 Q3, O = GlobalSign nv-sa, C = BE	97AFE7C35378C386837676A134D7A1D472B72EF091F224F9986C8256A6D75296	Expired on April 19, 2025
61	CN = GlobalSign Atlas R3 DV TLS CA 2023 Q3, O = GlobalSign nv-sa, C = BE	CAAB391E482EE136BE74E3FAD9E3A1AC589EBE060B95508594876293EF87E7CE	Expired on April 19, 2025
62	CN = GlobalSign Atlas ECCR5 DV TLS CA 2023 Q3, O = GlobalSign nv-sa, C = BE	FC2811137DC86C7987D5665E22AC4A2741CE54B623DC58E80CE90EF8626F67FC	Expired on April 19, 2025
63	CN = GlobalSign Atlas R3 AlphaSSL CA 2023 Q3, O = GlobalSign nv-sa, C = BE	F709C820518D6C38595CEF8355DBE02D24163B9F843652BA2C31230FC5806220	Expired on April 19, 2025
64	CN = GlobalSign Atlas R3 DV ACME CA 2023 Q4, O = GlobalSign nv-sa, C = BE	E0EE4B421D9059224F0CD3AD7BC9050B1DED78718A4AD26D8DE3FB40210F1FA1	Expired on July 19, 2025
65	CN = GlobalSign Atlas ECCR5 DV ACME CA 2023 Q4, O = GlobalSign nv-sa, C = BE	D786D22A7BD61D06A68586376DC1226063592F4D864AC4E7BDAE40AFB62238DD	Expired on July 19, 2025

DV TLS Issuing CA			
#	Subject DN	SHA256 Fingerprint	Other information
66	CN = GlobalSign Atlas R3 DV TLS CA 2023 Q4, O = GlobalSign nv-sa, C = BE	BB32B9044163D739E82233AEBC7EF3A23565B748242EFE0973098748287D9E76	Expired on July 19, 2025
67	CN = GlobalSign Atlas ECCR5 DV TLS CA 2023 Q4, O = GlobalSign nv-sa, C = BE	C5AC82D56F3DABBC7D2790FFBD4CD6BE07572CE47ADE456DB30FC48E60352CFD	Expired on July 19, 2025
68	CN = GlobalSign Atlas R3 AlphaSSL CA 2023 Q4, O = GlobalSign nv-sa, C = BE	AD4F4EFEDFE81378FD216E168EE1EB6972B9CEB796303E94BF76C5AF6350BDA3	Expired on July 19, 2025
69	CN = GlobalSign Atlas R3 DV ACME CA 2024 Q1, O = GlobalSign nv-sa, C = BE	57A44D4A69023D95BEB89A61A426579F453BC146F2A998987F3C7216E78A4B9D	Expired on October 18, 2025
70	CN = GlobalSign Atlas ECCR5 DV ACME CA 2024 Q1, O = GlobalSign nv-sa, C = BE	3C1B0BEFF052EC90997A72352E7D3DAAF90746B9A3C4D8987A5BBB9D0370E4B0	Expired on October 18, 2025
71	CN = GlobalSign Atlas R3 DV TLS CA 2024 Q1, O = GlobalSign nv-sa, C = BE	0152F86354FCA9525B280C233F7DA6CF8B5F2373C42644723226AE67238DB190	Expired on October 18, 2025
72	CN = GlobalSign Atlas ECCR5 DV TLS CA 2024 Q1, O = GlobalSign nv-sa, C = BE	A79831D06B05530A5533526EAD1EF6E0D7FFA2BC52D59EEFB41B950AECC31CDB	Expired on October 18, 2025
73	CN = GlobalSign Atlas R3 AlphaSSL CA 2024 Q1, O = GlobalSign nv-sa, C = BE	10B3103D2F490D2BF2E95ECCFAE7D6466E089923486196E49431C88FF361D7D7	Expired on October 18, 2025

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DV TLS Issuing CA			
#	Subject DN	SHA256 Fingerprint	Other information
74	CN = GlobalSign Atlas ECCR5 DV ACME CA 2024 Q2, O = GlobalSign nv-sa, C = BE	3B74D815D0ADD8BA412A3766C805E4F11F946943BE8F18A9D197B526FB4206BC	Expired on January 17, 2026
75	CN = GlobalSign Atlas ECCR5 DV TLS CA 2024 Q2, O = GlobalSign nv-sa, C = BE	D3E722A0520E72F756FDE9BDDF3D5649F6A85A40CABDCC937F77700A7C45E2FC	Expired on January 17, 2026
76	CN = GlobalSign Atlas R3 AlphaSSL CA 2024 Q2, O = GlobalSign nv-sa, C = BE	CE11B00AD38D3092E618048865D28B5EE82D367D7296DD83389818C55C77DA3E	Expired on January 17, 2026
77	CN = GlobalSign Atlas R3 DV ACME CA 2024 Q2, O = GlobalSign nv-sa, C = BE	53F2F2D3C2F952555407B8BB77012229C2A4E47F73CB45132DC95F6CEDD4396F	Expired on January 17, 2026
78	CN = GlobalSign Atlas R3 DV TLS CA 2024 Q2, O = GlobalSign nv-sa, C = BE	1D2044E27BDC4411CA3FA340D082C1CC32B1366347D4063E898463AFAC3FFF06	Expired on January 17, 2026
79	CN = Keysec GR3 DV TLS CA 2024, O = KEYSEC LTDA, C = BR	F03655CFE85B3A3F2AF2FD37CAB9EA283B3A28A9B6157FE9BEB75C17C0611B3A	
80	CN = Alibaba Cloud GCC R3 DV TLS CA 2023, O = Alibaba Cloud Computing Ltd., C = CN	38CBB87231F062A82D7ED2EF73FD4E4B84352EA7DD7F15686DE3A9414B7AE029	
81	CN = Alibaba Cloud GCC R3 AlphaSSL CA 2023, O = Alibaba Cloud Computing Ltd., C = CN	DFC6EE42E6A7B339DF178E566EFB5482AA1A460C586A32D67C9AB053AF2BE657	
82	CN = GlobalSign Atlas E46 DV TLS CA 2026 Q2, O = GlobalSign nv-sa, C = BE	1F361F27E8CB224ED70498730AE8C8553854EC33EF04F3CA23AE8801F57AB5BB	

DV TLS Issuing CA			
#	Subject DN	SHA256 Fingerprint	Other information
83	CN = GlobalSign Atlas ECCR5 DV TLS CA 2026 Q2, O = GlobalSign nv-sa, C = BE	27F076EE106366865F56B43042F735D96B2C5E83C68F9367917639CADFEDCD16	
84	CN = GlobalSign Atlas R46 DV TLS CA 2026 Q2, O = GlobalSign nv-sa, C = BE	C5A84EC914BBFA5A980ECAE7DE3D3E0958C094ABF20FC8DEEAABB1EABE6703D3	
85	CN = GlobalSign Atlas R3 DV TLS CA 2026 Q2, O = GlobalSign nv-sa, C = BE	516AA665DBD48988E3F0CD9A670F89173E829ADFE38F607A0513C6683C2B9B95	
86	CN = GlobalSign Atlas R46 AlphaSSL CA 2026 Q2, O = GlobalSign nv-sa, C = BE	BCE36E8F5B181F9177DB5C8C6A9D65AB3A8B0471B0630124CD819DCE2CC5A810	
87	CN = GlobalSign Atlas R3 AlphaSSL CA 2026 Q2, O = GlobalSign nv-sa, C = BE	BF8662E4FAB218C8249CBC7EA23588495EFBAB5D2857CBE1840734794546D280	
88	CN = Soluti V2 GR46 DV TLS CA 2025, O = SOLUTI - SOLUCOES EM NEGOCIOS INTELIGENTES S/A, C = BR	7757FE3298F39B0BAC4E830D6F98C828E7A77780E485C01958864E7D24B3DBD1	
89	CN = GlobalSign Atlas E46 DV TLS CA 2026 Q1, O = GlobalSign nv-sa, C = BE	035250381A210A3142AB058B5FB4732F8B0EC52B2758A60304FC43A14B57F784	
90	CN = GlobalSign Atlas ECCR5 DV TLS CA 2026 Q1, O = GlobalSign nv-sa, C = BE	DE517C8516F8445DC4F42F702F0B0FA6E68BF3A50AF05898D01F71CCB0CEE7C3	

DV TLS Issuing CA			
#	Subject DN	SHA256 Fingerprint	Other information
91	CN = GlobalSign Atlas R46 DV TLS CA 2026 Q1, O = GlobalSign nv-sa, C = BE	2FE7CC388B51FDD62BD4130D4EEC62582B27550C504D18623D4CDAD9D67DF3D3	
92	CN = GlobalSign Atlas R3 DV TLS CA 2026 Q1, O = GlobalSign nv-sa, C = BE	1A6E1E3107328747396C74B70193D5C4EF72F75A1BE5706A5289929BFDB163F2	
93	CN = GlobalSign Atlas R46 AlphaSSL CA 2026 Q1, O = GlobalSign nv-sa, C = BE	AAA8AF92BB52B61D68246BBFB31FCA5BB1AE96093E0168122EB3EA32233CEBF1	
94	CN = GlobalSign Atlas R3 AlphaSSL CA 2026 Q1, O = GlobalSign nv-sa, C = BE	5771BD8366FC677C8E2BF3648E885538A14F358321DD492D6AD186501D138BE3	
95	CN = GlobalSign GCC R6 AlphaSSL CA 2025, O = GlobalSign nv-sa, C = BE	A883559231F8388DAF35CE41C8101040AE8FD9B656434247B9475AF592CC08CA	
96	CN = GlobalSign GCC R46 AlphaSSL CA 2025, O = GlobalSign nv-sa, C = BE	D2AC9DCC7A255029A5F5180D63F1A9ED60E11412A85C148D4B71F6AE1A36695C	
97	CN = GlobalSign GCC R46 DV TLS CA 2025, O = GlobalSign nv-sa, C = BE	B59410F367B986E98E53A9789A6580553A74BE515211D9F6ECB6E8A11E83AEAA	
98	CN = GlobalSign GCC E46 DV TLS CA 2025, O = GlobalSign nv-sa, C = BE	216D556D2F305606357A52F311CB825ABBB7227571B3522DF0F823600007D2ED	
99	CN = GlobalSign Atlas E46 DV TLS CA 2025 Q4, O = GlobalSign nv-sa, C = BE	FEDE979C0D16F9FF1C5A824DEDB0AF24E1AF8ECF20227489026B32108CC9C6F3	

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DV TLS Issuing CA			
#	Subject DN	SHA256 Fingerprint	Other information
100	CN = GlobalSign Atlas ECCR5 DV TLS CA 2025 Q4, O = GlobalSign nv-sa, C = BE	94EBE958A2443AB50F8E18C59BF7ED64E671E8D1FD6D96C1BCEBF664739E9AF7	
101	CN = GlobalSign Atlas R46 DV TLS CA 2025 Q4, O = GlobalSign nv-sa, C = BE	3093FABBB963D3F8729DDCA34972F73E560207A06D4A261C45456D3A8591E332	
102	CN = GlobalSign Atlas R3 DV TLS CA 2025 Q4, O = GlobalSign nv-sa, C = BE	F5165FC624453361E3A131C6AD90893A8DE40158921A94E8A4B445398EEDF6E0	
103	CN = GlobalSign Atlas R46 AlphaSSL CA 2025 Q4, O = GlobalSign nv-sa, C = BE	FF567D21B6D92876A528B4EDCE0E85E0B9C89246ED263A131A2D63ECABF16554	
104	CN = GlobalSign Atlas R3 AlphaSSL CA 2025 Q4, O = GlobalSign nv-sa, C = BE	3155F05DB3BA8A8E259733CEB15B852A956C1B40F2B94F21D99E82B9B5A60214	
105	CN = Alibaba Cloud GCC R46 DV TLS CA 2025, O = Alibaba Cloud Computing Ltd., C = CN	E9124DEB5D7DEA83A5AA07666F8BADCBCE898FCD8699902699B306A0A87683A5C	
106	CN = Alibaba Cloud GCC R46 AlphaSSL CA 2025, O = Alibaba Cloud Computing Ltd., C = CN	3B9746CAB4CC932794DE76EA49D9AB6EF598C0F13EDAE18B996C0FF00DA8877B	
107	CN = Alibaba Cloud GCC R3 AlphaSSL CA 2025, O = Alibaba Cloud Computing Ltd., C = CN	9A3FC708F61E036AF88CECB2E8DA79A3B21F092CFC172C31DD5A93DCFA15248F	

DV TLS Issuing CA			
#	Subject DN	SHA256 Fingerprint	Other information
108	CN = GlobalSign Atlas ECCR5 DV TLS CA 2025 Q3, O = GlobalSign nv-sa, C = BE	988B137CD3832F98FBDA08D471C71B442FE92502B66B837700D8C4F07CBF34	
109	CN = GlobalSign Atlas R3 AlphaSSL CA 2025 Q3, O = GlobalSign nv-sa, C = BE	DADEA3CF2CF2539C63672168FAE3C728023E0E5CB0E105DC52456FEB79424344	
110	CN = GlobalSign Atlas R46 AlphaSSL CA 2025 Q3, O = GlobalSign nv-sa, C = BE	95E75CC493CE26BA23E8EBA2D43E770BC548EFE6C6E77BF4DF1D77D7C23D3F8A	
111	CN = GlobalSign Atlas R3 DV TLS CA 2025 Q3, O = GlobalSign nv-sa, C = BE	5539F8C9010518345FC21A85F25B39DD6AD8D591C7971CBB900C2CB7081BBF90	
112	CN = GlobalSign Atlas R46 DV TLS CA 2025 Q3, O = GlobalSign nv-sa, C = BE	2FF834799072A8FF999B1F934D031BDD0E69980FAF3B4384152EEC2378FB753E	
113	CN = GlobalSign Atlas E46 DV TLS CA 2025 Q3, O = GlobalSign nv-sa, C = BE	DD400AD8AE3545BE8D7C74A27F77AAC2C5CD74C366C4DEA1EA1DB36778381989	

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OV TLS Issuing CA			
#	Subject DN	SHA256 Fingerprint	Other information
114	CN = GlobalSign Atlas ECCR5 OV TLS CA 2025 Q2, O = GlobalSign nv-sa, C = BE	018F50FAC1770E1D74E30F57107D12CA42A0F1748E39538FAE51C9A0D84EAA9C	
115	CN = GlobalSign Atlas R3 OV TLS CA 2025 Q2, O = GlobalSign nv-sa, C = BE	0268A9930EFB3A8BB5CF614CDB3F1CD4605578A78F1BCA0C19680F8020F6A5DD	
116	CN = GlobalSign Atlas ECCR5 OV ACME CA 2025 Q2, O = GlobalSign nv-sa, C = BE	CA2F2C4C625B8DF65ABD6F4694B822C81527209A42A5CD7BE48696CCE574C9D5	
117	CN = GlobalSign Atlas R3 OV ACME CA 2025 Q2, O = GlobalSign nv-sa, C = BE	7D9C0BAF36C0ACFA2D146DC2B35AC8F7EF37DCD0EA29EE00168C00377C640807	
118	CN = CrowdStrike GCC R3 TLS OV CA 2020, O = CrowdStrike Inc., C = US	78CB512DE48CEDCD7134DF57C973C1E1A07692B8F542A44ACEBB8BB776D55D59	
119	CN = Soluti V2 GR6 OV TLS CA 2024, O = SOLUTI - SOLUCOES EM NEGOCIOS INTELIGENTES S/A, C = BR	24952CB05B0D97A9F12B458C7EE6C3F3A140F51DF4462193D97528FD89C8B8CD	
120	CN = GlobalSign Atlas ECCR5 OV TLS CA 2025 Q1, O = GlobalSign nv-sa, C = BE	E69C42BD4F99934B035730B1D3606132AB5C1D81FE7DD07D6D7DD05DC385DDD7	
121	CN = GlobalSign Atlas R3 OV TLS CA 2025 Q1, O = GlobalSign nv-sa, C = BE	39821703A653DA1C851372CFD78A77DC095894865C036E9BA3E1164C7654D52C	

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OV TLS Issuing CA			
#	Subject DN	SHA256 Fingerprint	Other information
122	CN = GlobalSign Atlas ECCR5 OV ACME CA 2025 Q1, O = GlobalSign nv-sa, C = BE	7F04D649A44A9ACB2491A9DB01B73C21E7275899311C4501FF3CD7349E09ECC5	
123	CN = GlobalSign Atlas R3 OV ACME CA 2025 Q1, O = GlobalSign nv-sa, C = BE	2D9B789B586812891683F70CE7008EDB76F5F0273F2BE60D57EB6B055EAAF6D6	
124	CN = RNP ICPEdu OV SSL CA 2019, O = Rede Nacional de Ensino e Pesquisa - RNP, C = BR	88FC18BD071BE1FBC53FFBC801F03F5B2C4DA87BBA0C098E2B4808F19EAB05FE	Expired on May 15, 2026
125	CN = GlobalSign Organization Validation CA - SHA256 - G3, O = GlobalSign nv-sa, C = BE	699D54B7482A5D329331EA0415CC2EDCD60FDA01D19E71D054196BCE0677735C	Expired on September 4, 2025
126	CN = GlobalSign GCC R6 OV TLS CA 2023, O = GlobalSign nv-sa, C = BE	3F6F57F1FE25B3D6F088F17704F7E376AE3A91151DCD8E1917CB3A41785B5F0D	
127	CN = GlobalSign CloudSSL CA - SHA256 - G3, O = GlobalSign nv-sa, C = BE	E0C2EBD1F6BAD4FEAAE31A3107E69ABEE902DB38B9DFBE33F0570BDA3494C20A	Expired on August 19, 2025
128	CN = GlobalSign CloudSSL CA - SHA256 - G3, O = GlobalSign nv-sa, C = BE	4B7334E1D8999822BAFA8FF6888125389B18A4E5AB26FFA624C7F68FDC81F0CB	Expired on August 19, 2025
129	CN = Prodrive Technologies GCC R3 OV TLS CA 2022, O = Prodrive Technologies B.V., C = NL	1005370ED276B0CEF39244E9E699CE4807BF9ADE05BFA59F263809FB4606B72C	Expired on April 20, 2025

OV TLS Issuing CA			
#	Subject DN	SHA256 Fingerprint	Other information
130	CN = Soluti CA - OV, O = SOLUTI - SOLUCOES EM NEGOCIOS INTELIGENTES S/A, C = BR	AB74B1411AD23E2227FB88A2A9304A1A45A5C4840B3635F1036A46E8374279AC	Expired on February 24, 2026
131	CN = GlobalSign GCC R3 OV TLS CA 2024, O = GlobalSign nv-sa, C = BE	996BB81F161E1DAC9A3939AB7A42B4131D6DCFB6E0DA4B5A6E19B5C8701842A	
132	CN = sslTrus GCC E5 OV TLS CA 2024, O = sslTrus Inc., C = CN	2872602B9C18774BF4794F6844DCE559C57019930CE72BCF23131DDEF2484DED	
133	CN = sslTrus GCC R6 OV TLS CA 2024, O = sslTrus Inc., C = CN	57A9CFB8EBBB0F1583AB496623D04135B5A1F220D3F31E33007327D3AC3159BC	
134	CN = Prodrive Technologies GCC R6 OV TLS CA 2024, O = Prodrive Technologies B.V., C = NL	D978D8503D1F267CB0271DF91422CCEF20F17F4B6E84625763156D52D07484A8	
135	CN = GlobalSign Atlas ECCR5 OV TLS CA 2024 Q4, O = GlobalSign nv-sa, C = BE	249D73A816C874C11E8B57F2775A5C8371B09C6C69F006A2321905DE5EBAC2FC	
136	CN = CrowdStrike GCC R6 OV TLS CA 2024, O = CrowdStrike Inc., C = US	EEC54317A352B48E50B8D94262D602E0441BDBA58FB2AE28741A56DEBF2336D3	
137	CN = GlobalSign Atlas ECCR5 OV ACME CA 2024 Q4, O = GlobalSign nv-sa, C = BE	10B8949EC4FAF59886EA429ACD484B5BEC6F1D584CD36286178C98A99A294D80	

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OV TLS Issuing CA			
#	Subject DN	SHA256 Fingerprint	Other information
138	CN = GlobalSign Atlas R3 OV ACME CA 2024 Q4, O = GlobalSign nv-sa, C = BE	BFF85E127AEBF9786231EDC4985D381E1256B4EA759E71F515A570B3530AF655	
139	CN = ATT Atlas R3 OV TLS CA 2020, O = ATT Services Inc, C = US	DC2728331312E75C4D7B442F3BDDA790CB77A9D6AC854D5BCE18AC43CA59909A	
140	CN = GlobalSign ECC CloudSSL CA - SHA384 - G3, O = GlobalSign nv-sa, C = BE	B0CD6AE7B9E20EC5F830FEE01F666D5D90E6E229D06BC46A30ACCEDFEC889648	
141	CN = GlobalSign Organization Validated ECC CA - SHA256 - G4, O = GlobalSign nv-sa, C = BE	65EEC0CC6C970CC1CD73659115DC8D904E6F12E6DC8FD4DDA39D54CB30224780	
142	CN = GlobalSign Organization Validated CA - SHA256 - G4, O = GlobalSign nv-sa, C = BE	1E1741A12EB8DA2BD76EA96C04F520359839710F620E80952F48DD0240A12CD8	
143	CN = GlobalSign RSA OV SSL CA 2018, O = GlobalSign nv-sa, C = BE	B676FFA3179E8812093A1B5EAFEE876AE7A6AAF231078DAD1BFB21CD2893764A	
144	CN = DPDHL Global TLS CA - I5, O = Deutsche Post AG, C = DE	32A4E554E363116FE48E22F01DAC1736752A71C720F99F462D565022D3BAD07D	
145	CN = Trusted Root TLS CA SHA256 G3, O = GlobalSign nv-sa, C = BE	91F19CE503C9FE7FF9587D8EFBEF7315AAEE77DC2D14526126493B4AD6FE801F	

OV TLS Issuing CA			
#	Subject DN	SHA256 Fingerprint	Other information
146	CN = GlobalSign Atlas ECCR5 OV TLS CA 2024 Q3, O = GlobalSign nv-sa, C = BE	53883007DD2CB3CE72C0F04FB35641AFA0AA131B1E01455E5C6B5901F1549328	Expired on April 17, 2026
147	CN = GlobalSign Atlas ECCR5 OV ACME CA 2024 Q3, O = GlobalSign nv-sa, C = BE	1BC54EE293B9992BF09F314C3D8C4477C2B0D2D6109A500EAB508F3565B633D6	Expired on April 17, 2026
148	CN = GlobalSign Atlas R3 OV TLS CA 2024 Q3, O = GlobalSign nv-sa, C = BE	C75B3A6333C7C4678DF3FDBAE0D3BB9ED825F9F13053E125ABE314A6E9C34443	Expired on April 17, 2026
149	CN = GlobalSign Atlas R3 OV ACME CA 2024 Q3, O = GlobalSign nv-sa, C = BE	FEF8EDAA7BCBED69E1E2B7219527A8FC32BA76B1708E71492B3C491E3AF342E9	Expired on April 17, 2026
150	CN = GlobalSign Atlas R3 OV ACME CA 2022 Q3, O = GlobalSign nv-sa, C = BE	F06E2C3D05AF608C7BACB6366F7A47A017ADEC22F712BD417335396CB8B555BE	Expired on April 20, 2025
151	CN = GlobalSign Atlas ECCR5 OV ACME CA 2022 Q3, O = GlobalSign nv-sa, C = BE	E4C2D8C6E54ECE1C996A305972B1AE0B064F105BE06CFD7295FD2DAE33B97E1A	Expired on April 20, 2025
152	CN = GlobalSign Atlas R3 OV TLS CA 2022 Q3, O = GlobalSign nv-sa, C = BE	29E93053769D4D1BAB841B8F5C2603BED5E0B82F339670869566892146E89141	Expired on April 20, 2025
153	CN = GlobalSign Atlas ECCR5 OV TLS CA 2022 Q3, O = GlobalSign nv-sa, C = BE	E68C3376F010219CCA14E337F33183EF9D861E573A9D76287F3AAAD4D04FA38F	Expired on April 20, 2025

OV TLS Issuing CA			
#	Subject DN	SHA256 Fingerprint	Other information
154	CN = GlobalSign Atlas R3 OV ACME CA 2023 Q3, O = GlobalSign nv-sa, C = BE	6557A37403091987483D6789ED9CE4549312674B91F57572397AA76806F009D5	Expired on April 19, 2025
155	CN = GlobalSign Atlas ECCR5 OV ACME CA 2023 Q3, O = GlobalSign nv-sa, C = BE	CDACF412E2921C342B1943676433E60488E4BD39F193A9C22C12AA11B6796597	Expired on April 19, 2025
156	CN = GlobalSign Atlas R3 OV TLS CA 2023 Q3, O = GlobalSign nv-sa, C = BE	4DE5FB201DAD1C9CCEA68648C2A9A03E53D5F39B5959D0608E707326F0C6432A	Expired on April 19, 2025
157	CN = GlobalSign Atlas ECCR5 OV TLS CA 2023 Q3, O = GlobalSign nv-sa, C = BE	405B1E8B6CBDDF1605C82D30AF52F02D8938873674ECA18A92ACBACE22610BDE	Expired on April 19, 2025
158	CN = GlobalSign Atlas R3 OV ACME CA 2023 Q4, O = GlobalSign nv-sa, C = BE	B8C5418C43F29D28CCEE6CC2795CEA84D0B22949B162597666F7893126C3CCF5	Expired on July 19, 2025
159	CN = GlobalSign Atlas ECCR5 OV ACME CA 2023 Q4, O = GlobalSign nv-sa, C = BE	C905CAFDED19BAB5742F3A32F6C3CDEFA4E49564A348EA84BE2D033610816EC6	Expired on July 19, 2025
160	CN = GlobalSign Atlas R3 OV TLS CA 2023 Q4, O = GlobalSign nv-sa, C = BE	67A9F71A282C4AD07586CA297B914926C2E1D331C5F64A46AFBD7D6378D89868	Expired on July 19, 2025
161	CN = GlobalSign Atlas ECCR5 OV TLS CA 2023 Q4, O = GlobalSign nv-sa, C = BE	FBBF50730E837A7436085C92483550FD65D85E0E4DFF121F77CF0F3B7C40BD4C	Expired on July 19, 2025

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OV TLS Issuing CA			
#	Subject DN	SHA256 Fingerprint	Other information
162	CN = GlobalSign Atlas R3 OV TLS CA 2024 Q1, O = GlobalSign nv-sa, C = BE	79AADFB93F2C467A37EDC83B5DD55A200EA9C32D3DFB6FAE2017A2C7E3306DCF	Expired on October 18, 2025
163	CN = GlobalSign Atlas R3 OV ACME CA 2024 Q1, O = GlobalSign nv-sa, C = BE	C7AA7BDB14DD5EE2F9E6EC2367B64D500DE432E7BC51E9A8E4E9791B828CF65E	Expired on October 18, 2025
164	CN = GlobalSign Atlas ECCR5 OV ACME CA 2024 Q1, O = GlobalSign nv-sa, C = BE	4BE6BA403D6ECFB5E73820F5CA1948253205DB186E396D779AC6B41BC8A826B4	Expired on October 18, 2025
165	CN = GlobalSign Atlas ECCR5 OV TLS CA 2024 Q1, O = GlobalSign nv-sa, C = BE	514A14C828B3AB160DD9D11861BBEBE5EEFA2A6CA0AB86003CD1A080AA36A9D4	Expired on October 18, 2025
166	CN = GlobalSign ECC OV SSL CA 2018, O = GlobalSign nv-sa, C = BE	87C71553445EB3C33C3E0710711B99E9C7773F04D91AC38A9F4C082EE24101EA	
167	CN = GlobalSign Atlas ECCR5 OV ACME CA 2024 Q2, O = GlobalSign nv-sa, C = BE	0E6C52F16FF4E5A7532EF39A7767299F0E284CC2C6B64713C1FBA882098C5DF5	Expired on January 17, 2026
168	CN = GlobalSign Atlas ECCR5 OV TLS CA 2024 Q2, O = GlobalSign nv-sa, C = BE	99E63B1A9E4C324664029C340275E308C61018CBC2E84CD8EA2366542EAA309C	Expired on January 17, 2026
169	CN = Keysec GR3 OV TLS CA 2024, O = KEYSEC LTDA, C = BR	8AFDA1ED73BF375DC6E097DB871BBFE4CEB68E61381C39BDF6A4576DC171BFB2	

OV TLS Issuing CA			
#	Subject DN	SHA256 Fingerprint	Other information
170	CN = AC Defesa GR3 OV TLS CA 2023, O = Ministerio da Defesa, C = BR	23D5EFBFB41CE7B1F30BAB8A8F64AF85EDBB5D7A49C08D616DE4C47CADB03597	
171	CN = Alibaba Cloud GCC R3 OV TLS CA 2023, O = Alibaba Cloud Computing Ltd., C = CN	73360680F0C0DE2C542EB3DAB2B30764D5451606501953C76D51A2F6EBD1C29B	
172	CN = GlobalSign Atlas R3 OV TLS CA 2024 Q2, O = GlobalSign nv-sa, C = BE	4DE6175F3B0FCA3722159DBBC1A78D0C495F6EDAF233040AAFC2559888C176A5	Expired on January 17, 2026
173	CN = GlobalSign Atlas R3 OV ACME CA 2024 Q2, O = GlobalSign nv-sa, C = BE	AB437C6B0CF76DFE3ED7001743680A15169B8D88AEC00A9F71A6C2824AE8FF41	Expired on January 17, 2026
174	CN = GlobalSign GCC R1 OV TLS CA 2025, O = GlobalSign nv-sa, C = BE	DB24FF7CED7C93246DBAA21F7EFBFD261C423AF1964C0E96F1C20267A0C4C067	
175	CN = GlobalSign Atlas R3 OV TLS CA 2024 Q4, O = GlobalSign nv-sa, C = BE	BC54502E593530817801728103B6446E788B6F8C5811AE92491D13D054F9DF5D	
176	CN = GlobalSign Atlas E46 OV TLS CA 2026 Q2, O = GlobalSign nv-sa, C = BE	76E7856C3CFB8F37BBE651B42A05CC144ABA59017616E2819D196D7C7E2F83F5	
177	CN = GlobalSign Atlas ECCR5 OV TLS CA 2026 Q2, O = GlobalSign nv-sa, C = BE	820A9CA544A0EE39BE67FE6C97E17A0C4FF50F07FF545D41B9C72985C259D7BE	
178	CN = GlobalSign Atlas R46 OV TLS CA 2026 Q2, O = GlobalSign nv-sa, C = BE	8A84356F9D4F28BE327B9FF2F0636BDFBE52660D013C4239EDBE7CCD7D79DF71	

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OV TLS Issuing CA			
#	Subject DN	SHA256 Fingerprint	Other information
179	CN = GlobalSign Atlas R3 OV TLS CA 2026 Q2, O = GlobalSign nv-sa, C = BE	8BC47366C0E82A249EE1A8769813B7BFD6718D253DD69A6C4B4BE7693362F1E9	
180	CN = RNP ICPEdu AR46 OV TLS CA 2025, O=REDE NACIONAL DE ENSINO E PESQUISA - RNP, C = BR	A292CDF59905FC30016C22131D6F2E497449F155A05A234CCEC0E042171BF70F	
181	CN = Soluti V2 GR46 OV TLS CA 2025, O = SOLUTI - SOLUCOES EM NEGOCIOS INTELIGENTES S/A, C = BR	6B227EE8850FB113478A8B835A6E03A6EB3FB5191BFB9AB29D882EA69BA5094D	
182	CN = RNP ICPEdu GR46 OV TLS CA 2025, O=REDE NACIONAL DE ENSINO E PESQUISA - RNP, C = BR	E10747D4DA7BAB09CBA9952F019D3534CB9FBA070BF13D8791B1699CD2FF59DD	
183	CN = Chunghwa Telecom GCC R46 OV TLS CA 2025, O = Chunghwa Telecom Co., Ltd., C = TW	DA1EE3B14A2E562BEC2AD5E543548E0BB583296E39FADF69A8A13F30F0AC4DC5	
184	CN = GlobalSign GCC R6 OV TLS CA 2025 V2, O = GlobalSign nv-sa, C = BE	96777B062F1A1CA0D6F5CDE31BB0012C303DEF52E4691D8D899F66560BCEA9B9	
185	CN = AC SERPRO AR46 OV TLS CA 2025, O = SERVICO FEDERAL DE PROCESSAMENTO DE DADOS (SERPRO), C = BR	F27095D0B40DF765599404011CF8B167DA06260E81DDA727F163EF08221071E4	
186	CN = GlobalSign Atlas E46 OV TLS CA 2026 Q1, O = GlobalSign nv-sa, C = BE	1207B166DA6171A51AEE0E68E4612E747BE7049E85239C8E79003C5FAA95D9A9	

OV TLS Issuing CA			
#	Subject DN	SHA256 Fingerprint	Other information
187	CN = GlobalSign Atlas ECCR5 OV TLS CA 2026 Q1, O = GlobalSign nv-sa, C = BE	203C7A4B46C0264D1CCF40C1603A3982EA4E9ADA09D6EC82CB846393963F1A8B	
188	CN = GlobalSign Atlas R46 OV TLS CA 2026 Q1, O = GlobalSign nv-sa, C = BE	76B9CAA3BB48D101980541091F920BDC5CC5F1B7C909C29BF6C31C629E6C1C3A	
189	CN = GlobalSign Atlas R3 OV TLS CA 2026 Q1, O = GlobalSign nv-sa, C = BE	7233BB61704F3856AE8E2BBB0A86EED848C6136D78CD319CD6CB5EE4233E19BE	
190	CN = GlobalSign GCC R46 OV TLS CA 2025, O = GlobalSign nv-sa, C = BE	D160E2DE4E56CB10B66C1CB0ADCB79CF93C78DCD9DB30C2018220262C04063F9	
191	CN = GlobalSign GCC E46 OV TLS CA 2025, O = GlobalSign nv-sa, C = BE	66F815D7925CBB2537BFEEA24A0041F7DDEF90E5D4717B16C21CCC0447A5B6FB	
192	CN = DHL Global TLS CA I6, O = Deutsche Post AG, C = DE	1DA78383D55F801C4AF4B9CF8ADF149155C1E605E13838492812F75A4E6AF7E5	
193	CN = AC Defesa GR46 OV TLS CA 2025, O = Ministerio da Defesa, C = BR	BEE9ED069C7BCD513E02718AEACD127C9F6794749710C3EAAE7A851CF1A8A8A0	
194	CN = GlobalSign GCC R6 OV TLS CA 2025, O = GlobalSign nv-sa, C = BE	8E785E7EDB8D8162F3169DB4129C85AB9E4F838A3A92E1914CBED612B2F945EE	
195	CN = GlobalSign Atlas E46 OV TLS CA 2025 Q4, O = GlobalSign nv-sa, C = BE	EB6F211BE3FA9891BF41D68A1F6DE5BA92B53889A0149397E9C2229795A8E0F4	

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OV TLS Issuing CA			
#	Subject DN	SHA256 Fingerprint	Other information
196	CN = GlobalSign Atlas ECCR5 OV TLS CA 2025 Q4, O = GlobalSign nv-sa, C = BE	1FA2387E823CAD23020CC62785C8F94F15D248EF8CA23E42D43849A08F783A00	
197	CN = GlobalSign Atlas R46 OV TLS CA 2025 Q4, O = GlobalSign nv-sa, C = BE	3129A7F1680E439FC9DDCBC3539103FA17CB7236461A5310351DE442D05446BB	
198	CN = GlobalSign Atlas R3 OV TLS CA 2025 Q4, O = GlobalSign nv-sa, C = BE	D1B2BAE3FF6E1307E8DFD281EEF5BAFC13AA7B6296C88D878CE42194BCBF3A6D	
199	CN = GlobalSign Atlas ECCR5 OV TLS CA 2025 Q3, O = GlobalSign nv-sa, C = BE	348E0923AF1DFA6A2F33A559FAEB8E139902A39042CE9AB8E5FA4E48A0EB85EB	
200	CN = GlobalSign Atlas R3 OV TLS CA 2025 Q3, O = GlobalSign nv-sa, C = BE	6F9D6055094EFCFCD4E13B953E335334F04445AE4C11B97FF6BBE450D92BB3F3	
201	CN = GlobalSign Atlas R46 OV TLS CA 2025 Q3, O = GlobalSign nv-sa, C = BE	34998966ECD3590372583EE14C6DDAFD4A773E842F5224761C1F1113D84056A8	
202	CN = GlobalSign Atlas E46 OV TLS CA 2025 Q3, O = GlobalSign nv-sa, C = BE	47A06D81BAF24C59E2EE4373EDFA00ECDBA9373095001FA74377C9978CB8EB15	
203	CN = Prodrive Technologies Atlas R46 OV TLS CA 2026, O = Prodrive Technologies B.V., C = NL	79DE64F790E6DFC7A65B0B5BB0DC4EF0AC835F9914C7A25E4455670282C1E73A	

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EV TLS Issuing CA			
#	Subject DN	SHA256 Fingerprint	Other information
204	CN = GlobalSign Atlas E46 EV TLS CA 2025 Q2, O = GlobalSign nv-sa, C = BE	1E319D113EA6896D37781CCD63C77C019BB6BD585EEFB995BDFDB0111AFC5775	
205	CN = GlobalSign Atlas R46 EV TLS CA 2025 Q2, O = GlobalSign nv-sa, C = BE	DF4826B20EAA8550A5203A0313C5E1E13B0A389EE584FFD94DDD089329EE0B96	
206	CN = GlobalSign Atlas R6 EV TLS CA 2025 Q2, O = GlobalSign nv-sa, C = BE	A1CA27EDDB7B7CB597BF3D82612063474000BB9108C67B3D5F9B7C55C5D6002C	
207	CN = Banco Votorantim SA GR6 EV TLS CA 2024, O = Banco Votorantim S.A., C = BR	055D79B306BAC2201A00C705D27745C7E9CF3D7F4379ACD13D8639D2C4F94DF4	
208	CN = Soluti V2 GR6 EV TLS CA 2024, O = SOLUTI - SOLUCOES EM NEGOCIOS INTELIGENTES S/A, C = BR	A9A4BEFCDB349939452D22F3DD8BFDE4C840542B57BAEED88B22A11C7BC7F98B	
209	CN = GlobalSign Atlas E46 EV TLS CA 2025 Q1, O = GlobalSign nv-sa, C = BE	AF52155ACBFAF107DC75E4EF1BDCC0FC141FCCA3DF9CE1875FD224960B7563CC	
210	CN = GlobalSign Atlas R46 EV TLS CA 2025 Q1, O = GlobalSign nv-sa, C = BE	248DA0E92BA626B6D8126263A03E09307B444F7770562C1941458BB4D9B16D52	
211	CN = GlobalSign Atlas R6 EV TLS CA 2025 Q1, O = GlobalSign nv-sa, C = BE	A57DFD8D12E0334FDC85D2D62066B410FBE49FA241A4CC0B16087E732351B349	
212	CN = Soluti CA - EV, O = SOLUTI - SOLUCOES EM NEGOCIOS INTELIGENTES S/A, C = BR	11FBA4A7EE579C70E1D57F9F9B6A8C209E1219C4F1D3846F83FFCE74E9E5E2CE	Expired on February 24, 2026

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EV TLS Issuing CA			
#	Subject DN	SHA256 Fingerprint	Other information
213	CN = sslTrus GCC R6 EV TLS CA 2024, O = sslTrus Inc., C = CN	47347DFE1F786EE18A67DC8FACAD1A058A951F369C0A2AF2B6A168158A42A4D4	
214	CN = GlobalSign Atlas E46 EV TLS CA 2024 Q4, O = GlobalSign nv-sa, C = BE	FD6060D5E39E21BEADA259590BBAD4F79BD46E7A583D4B294CDD30933804A403	
215	CN = GlobalSign Atlas R46 EV TLS CA 2024 Q4, O = GlobalSign nv-sa, C = BE	E36857C3D8C985A098F7BEA867DD14C023F62A6195F1CB8CA1632D7A77C6DFD6	
216	CN = GlobalSign Atlas R6 EV TLS CA 2024 Q4, O = GlobalSign nv-sa, C = BE	9F58EDC769BF0C9A0AC6C9926CB0EF43EE6AE04D8C2879A0F5E0E10AC53E6329	
217	CN = GlobalSign Atlas E46 EV TLS CA 2024 Q3, O = GlobalSign nv-sa, C = BE	8895BECEFC2AE76CB15477345F324BD2B9633CA62EB43BA2FD9C7FDBDB86E73B	Expired on April 17, 2026
218	CN = GlobalSign Atlas R6 EV TLS CA 2020, O = GlobalSign nv-sa, C = BE	BCE7091355D2417A37F8CFE2AC8F17C2748888BA0EEA90000FC980ECFC2D041F	
219	CN = GlobalSign GCC R3 EV QWAC CA 2020, O = GlobalSign nv-sa, C = BE	D4A5941C7141ED1949A0C6CE9DD45A0AB94DC337902EB0A1209852738EEBE854	
220	CN = GlobalSign Atlas E46 EV TLS CA 2020, O = GlobalSign nv-sa, C = BE	364DF25CC88F6FB0202C02CD9B8EA02DFE8AC02341EFF5A9DFFC5BE159ED5991	
221	CN = GlobalSign Atlas R46 EV TLS CA 2020, O = GlobalSign nv-sa, C = BE	E1E15D289697AF3285BF34112A3E60BC11C0C8122DD2B9B3420AB2E5E57883CA	
222	CN = GlobalSign Atlas R46 EV TLS CA 2024 Q3, O = GlobalSign nv-sa, C = BE	A2A17C92AAB8165D1082C922C541F86ACDB2D691D645BDBB1C9D65EDCD5D56DF	Expired on April 17, 2026

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EV TLS Issuing CA			
#	Subject DN	SHA256 Fingerprint	Other information
223	CN = GlobalSign Atlas R6 EV TLS CA 2024 Q3, O = GlobalSign nv-sa, C = BE	5F8BAA9B8D5DB1707D56F07E1B44D77D84EF0CA6923B6B44B7CF47AD9C47EECF	Expired on April 17, 2026
224	CN = GlobalSign Atlas R6 EV TLS CA 2022 Q3, O = GlobalSign nv-sa, C = BE	0C92594BD394B4887A1D66EC5E631FFAD3BA4B07FE2EB6D15D2F5FEE4C90C454	Expired on April 20, 2025
225	CN = GlobalSign Atlas R46 EV TLS CA 2022 Q3, O = GlobalSign nv-sa, C = BE	0ED5AA0061D09B703E1B3150FB6367870BBF245CCEED4FE08F2DBE4201723A8D	Expired on April 20, 2025
226	CN = GlobalSign Atlas R6 EV TLS CA 2023 Q3, O = GlobalSign nv-sa, C = BE	D454487FBE3B2CBC10C3023E73AEE27F3E3640726CE7BB03BB4244B50CB2F4C4	Expired on April 19, 2025
227	CN = GlobalSign Atlas R46 EV TLS CA 2023 Q3, O = GlobalSign nv-sa, C = BE	2335D5EDFA507EB56B7DAC00F434D55B9565A6F968E4CD3AC01BAC2317A10B16	Expired on April 19, 2025
228	CN = GlobalSign Atlas E46 EV TLS CA 2023 Q3, O = GlobalSign nv-sa, C = BE	40D44FA09A260E8FCD527293AA965F247B31E2104FA51B36D263B0479FB828F2	Expired on April 19, 2025
229	CN = GlobalSign Atlas R6 EV TLS CA 2023 Q4, O = GlobalSign nv-sa, C = BE	4959306BAE8C548D319D1855C34493F7AD00B9BAF824BDFD96FF2C3C32BDAEEA	Expired on July 19, 2025
230	CN = GlobalSign Atlas R46 EV TLS CA 2023 Q4, O = GlobalSign nv-sa, C = BE	B97E1037E4CD5C069271600AFD1FF345EEAE1BC2C023A5FBA8B163260FCA5DAB	Expired on July 19, 2025
231	CN = GlobalSign Atlas E46 EV TLS CA 2023 Q4, O = GlobalSign nv-sa, C = BE	1DFFC2AD5B423DCC715DFE54AA117F2525974D9571FEA82819232807F4ADD4EE	Expired on July 19, 2025
232	CN = GlobalSign Atlas R1 EV TLS CA 2023, O = GlobalSign nv-sa, C = BE	BFB08828EB69B99EE7CEBDD687C8E883A1FE07D3F998347F92EE9356414AD002	

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EV TLS Issuing CA			
#	Subject DN	SHA256 Fingerprint	Other information
233	CN = GlobalSign Extended Validation CA - SHA256 - G3, O = GlobalSign nv-sa, C = BE	AED5DD9A5339685DFB029F6D89A14335A96512C3CACC52B2994AF8B6B37FA4D2	
234	CN = GlobalSign ECC EV SSL CA 2018, O = GlobalSign nv-sa, C = BE	8F19FFE02FC795ED70765D1436ADDF772FE0F0773DA436EDBDB42A2E30E2E828	
235	CN = GlobalSign Atlas R6 EV TLS CA 2024 Q1, O = GlobalSign nv-sa, C = BE	020EEC98A3C1ED2D5BE21193349ACB9751DE071D6B452A489A6A867CE9B633E9	Expired on October 18, 2025
236	CN = GlobalSign Atlas R46 EV TLS CA 2024 Q1, O = GlobalSign nv-sa, C = BE	60B846638922190DE52C1AB044FD2FA88A9D6DF3989831C00C84296B8DB7A5EE	Expired on October 18, 2025
237	CN = GlobalSign Atlas E46 EV TLS CA 2024 Q1, O = GlobalSign nv-sa, C = BE	D78BE04CDBE328D5493489067B8DF1C57E65EA74D8888F08C711E815A6A11A14	Expired on October 18, 2025
238	CN = GlobalSign Atlas R6 EV TLS CA 2024 Q2, O = GlobalSign nv-sa, C = BE	91DDDCB95C82585A3D8645F665CE7B8B606569F6941D33BD9DDA338A5EF6D4C2	Expired on January 17, 2026
239	CN = Keysec GR3 EV TLS CA 2024, O = KEYSEC LTDA, C = BR	9173EFAEA4E61855EB858D107DBA94A1CD18CAE00EAF9C7EDB57201AD99A9BFD	
240	CN = GlobalSign Atlas E46 EV TLS CA 2022 Q3, O = GlobalSign nv-sa, C = BE	4006CDFF6D8D52DC090FF5382B9C30CEA8CC5005DF2D5E8203CD67921797750D	Expired on April 20, 2025
241	CN = GlobalSign Atlas E46 EV TLS CA 2024 Q2, O = GlobalSign nv-sa, C = BE	04E808603BE46B2534562E3DE237F4AE7ABE2B5E3141D8DEC470A822370D3DB7	Expired on January 17, 2026

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EV TLS Issuing CA			
#	Subject DN	SHA256 Fingerprint	Other information
242	CN = GlobalSign Atlas R46 EV TLS CA 2024 Q2, O = GlobalSign nv-sa, C = BE	D5816A7FD5FA18D3E0C44C78273FA856BE0A3A993428826763E3A88086311986	Expired on January 17, 2026
243	2.5.4.97 = NTRBE-0459134256, CN = GlobalSign GCC R46 EV QWAC CA 2025, O = GlobalSign nv-sa, C = BE	C12FE52A74D33B88439FEAFBDCE47EAE8B881A3CA42078FDF13C0FF4E39B8161	
244	CN = GlobalSign Atlas E46 EV TLS CA 2026 Q2, O = GlobalSign nv-sa, C = BE	9EF94964B445161A7E69380CBCA0001ACA466818E5019AC8F7F75A9ADA910FF3	
245	CN = GlobalSign Atlas R46 EV TLS CA 2026 Q2, O = GlobalSign nv-sa, C = BE	397D0205B51C4BC8E26FA10FB3B21141B95738A35AA6CD66F47CF7142DE08B23	
246	CN = GlobalSign Atlas R6 EV TLS CA 2026 Q2, O = GlobalSign nv-sa, C = BE	7E848DE198F87E3E34AC956F97AF133A0A442776B481A2978F0514FBEBADA511	
247	CN = Soluti V2 GR46 EV TLS CA 2025, O = SOLUTI - SOLUCOES EM NEGOCIOS INTELIGENTES S/A, C = BR	45BC6AE95E407AB5E56AFDFEEEE38CED8E96A6AC9032AD4D122C5ACB46BDC3312	
248	CN = GlobalSign Atlas E46 EV TLS CA 2026 Q1, O = GlobalSign nv-sa, C = BE	4AAAD9A0D4B1E2BA8D5C571ECCBF5327664FF22EC131DEBBD1D8767F968F6AFB	
249	CN = GlobalSign Atlas R46 EV TLS CA 2026 Q1, O = GlobalSign nv-sa, C = BE	C4048268C4A7E5F13457D335FDC072801923246E37F9A6B723BE67A13A5E90CD	
250	CN = GlobalSign Atlas R6 EV TLS CA 2026 Q1, O = GlobalSign nv-sa, C = BE	4BBD0ADC43CF8B3EE5F3DA75A1C2373283A30B08D66C22786CE137110B71FFBB	

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EV TLS Issuing CA			
#	Subject DN	SHA256 Fingerprint	Other information
251	CN = GlobalSign GCC R46 EV TLS CA 2025, O = GlobalSign nv-sa, C = BE	73CB0FD1FE764CE7605F77BCE71DFEC49E449ED2BB9CC76B6AE7F75691EA6161	
252	CN = GlobalSign GCC E46 EV TLS CA 2025, O = GlobalSign nv-sa, C = BE	D077F277688DD5141029DD84D02F51966E1F337B5CFED88C5BBD61929EB3B748	
253	CN = GlobalSign Atlas E46 EV TLS CA 2025 Q4, O = GlobalSign nv-sa, C = BE	AB52DD2FBD0AD9C42E8F763996C0A9423995250434BECAED131F947E77D75684	
254	CN = GlobalSign Atlas R46 EV TLS CA 2025 Q4, O = GlobalSign nv-sa, C = BE	5AFB7604C3E83F4EC9B2C318353457526A94A4BD076B2AD6AE7BEB64E387C3D0	
255	CN = GlobalSign Atlas R6 EV TLS CA 2025 Q4, O = GlobalSign nv-sa, C = BE	4E6B95E7142558AEC2CEAFCC0593321498C899107366F0A89A916FA55BDA8C2E	
256	CN = GlobalSign GCC R3 EV TLS CA 2025, O = GlobalSign nv-sa, C = BE	1B2928021A4B89CF0F572A2436E914E25412AD58EDEE221E6C7C3C5437179A26	
257	CN = GlobalSign Atlas R46 EV TLS CA 2025 Q3, O = GlobalSign nv-sa, C = BE	D5BECFA80B916BD98EC673ACC3EC15FA653E94239D43243EDB4A475EFD932517	
258	CN = GlobalSign Atlas E46 EV TLS CA 2025 Q3, O = GlobalSign nv-sa, C = BE	0ED6D98FB0E497E43895FD5F8BFE3A36FEF4471275FC83DFE2550ABEF90D88A8	
259	CN = GlobalSign Atlas R6 EV TLS CA 2025 Q3, O = GlobalSign nv-sa, C = BE	D0901497DB8C9FA8D9B84431A8A5B2D3F00E237EA1FE767C3F4F66A8B14302F1	



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Non-EV Code Signing CA			
#	Subject DN	SHA256 Fingerprint	Other information
260	CN = GlobalSign GCC R45 CodeSigning CA 2020, O = GlobalSign nv-sa, C = BE	74D499A72D0BA5D4DDEC55805ECF157C891E45E5D490A19DC5FD4476954E774B	
261	CN = GlobalSign GCC R45 CodeSigning CA 2020, O = GlobalSign nv-sa, C = BE	1D577890A6F07BFBF7CD7C30F9EC0CA935DBA846F9F02BA8B77ACE6BA4F767A3	
262	CN = GlobalSign CodeSigning CA - G2, O = GlobalSign nv-sa, C = BE	FFFE077503FD72F0E5338B0A7B4E218E7D1FF82E493E7E852AE51AA1C7585D17	Expired on April 13, 2026
263	CN = GlobalSign CodeSigning CA - SHA256 - G2, O = GlobalSign nv-sa, C = BE	BE40813869AB27A071D12AD6A8830583EBC3B618E3F2346359F4B11A1C9434EE	

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EV Code Signing CA			
#	Subject DN	SHA256 Fingerprint	Other information
264	CN = GlobalSign GCC R45 EV CodeSigning CA 2020, O = GlobalSign nv-sa, C = BE	CD0E144DD10BAC221FE2FB901058D16450A0578B3C47C770908F2E9ADA28EF12	
265	CN = GlobalSign GCC R45 EV CodeSigning CA 2020, O = GlobalSign nv-sa, C = BE	3E303F58EDD8C0F3373398BE2C210333D3A2D13DCD16283DEDA94E13D4833313	
266	CN = GlobalSign Extended Validation CodeSigning CA - SHA256 - G2, O = GlobalSign nv-sa, C = BE	1E864278C20881B671C0C6D2E14B61150AD1F13CF92C6EC14B550DCBC47E1541	

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Timestamp CA			
#	Subject DN	SHA256 Fingerprint	Other information
267	CN = GlobalSign TSA CA for AATL, O = GlobalSign nv-sa, C = BE	4D8EB49380EC72AC9FDF21FE1C6DB2E9490C76BEADD1F7B528C3CCD272C8FE28	
268	CN = GlobalSign Timestamping CA - SHA384 - G4, O = GlobalSign nv-sa, C = BE	F642418E4D0C63DEC785C960EFA68BA745F38851744EF81F225CB89305314D50	
269	CN = GlobalSign Atlas R45 TimeStamping CA 2022, O = GlobalSign nv-sa, C = BE	0C74179FDE6EFAD4A052C55DF083048430560483706179F305102E0C74B96CCB	
270	2.5.4.97 = NTRBE-0459134256, CN = GlobalSign Atlas R45 Qualified Timestamping CA 2024, O = GlobalSign nv-sa, C = BE	984721239B82A5630CDECA98C0AD5B384FFB0E9DFF6767A0390510982AAA1AFB	
271	CN = GlobalSign R45 AATL TimeStamping Root CA 2021, O = GlobalSign nv-sa, C = BE	3A6224E6EF98D0C4770C229E89CFA346623DF5A250D4B68D04CD5DA4BD85C4CE	
272	2.5.4.97 = NTRBE-0459134256, CN = GlobalSign Atlas R45 Qualified Timestamping CA 2020, O = GlobalSign nv-sa, C = BE	D86E6264D58E4CA78AF419740D8186EA8EC48F0C33B4B4D7CA027931D627B1C8	
273	CN = GlobalSign Partners Timestamping CA - SHA384 - G4, O = GlobalSign nv-sa, C = BE	2A015531A5F3A4CE589BD853C71DD069587322F574D85C9C9B9F9DF8F86C075E	

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Timestamp CA			
#	Subject DN	SHA256 Fingerprint	Other information
274	CN = GlobalSign Partners TSA CA for AATL, O = GlobalSign nv-sa, C = BE	7E8F914119BB1090D6204908E5AE1F40BE24C1491CD7D5CFB6A93618CBC00FD9	
275	CN = GlobalSign Atlas E46 TimeStamping CA 2022, O = GlobalSign nv-sa, C = BE	FE7C73361732C6C64739FA83A1D7C781EE1AEA990A605AD2FC72FB9586A452FC	
276	CN = GlobalSign Atlas E46 Qualified TimeStamping CA 2022, O = GlobalSign nv-sa, C = BE	FE0FC91A867975373ED2872CB3BD3DB708256D7C3A978486AF001CC008C1EBCC	
277	CN = GlobalSign Qualified Time Stamping CA 2019, O = GlobalSign nv-sa, C = BE	74ABE5E5CCEB75491FF72C4CF325405D8ADBFE390E189CF430BA60E62798878E	
278	CN = GlobalSign Timestamping CA - G3, O = GlobalSign nv-sa, C = BE	95C6A747DD0BC755A1941827E894B8083592241B792541E2EB1B30FB9B13F57F	
279	CN = GlobalSign Timestamping CA - SHA256 - G3, O = GlobalSign nv-sa, C = BE	BE33D1C57EBDDD927B57BDB604BE457B552FE568E7F3DCBA093C39ED1C30A239	
280	CN = GlobalSign Timestamping CA - G2, O = GlobalSign nv-sa, C = BE	C977923C771E1A66C925A2B6F501732E678DC9887AFE6BFAAC039D1D9A71F0EC	
281	CN = GlobalSign Timestamping CA - SHA256 - G2, O = GlobalSign nv-sa, C = BE	9BF9496777D14425ED0086C1BB2C0707B62A61C194C5162E4F07637AFF166B76	



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Timestamp CA			
#	Subject DN	SHA256 Fingerprint	Other information
282	CN = GlobalSign Timestamping CA, O = GlobalSign, OU = Timestamping CA	D0CAE6947BC77F0B495CA808D6CDE685FCD20225E1E530B635B113ED40728EF3	
283	CN = GlobalSign Timestamping CA - R3, O = GlobalSign, OU = Timestamping CA	61C1067083AE044EF1D649CE590BBF09D9D739E025DA8D195F71CFAAD6EBAE69	
284	CN = GlobalSign Offline R45 Timestamping CA 2025, O = GlobalSign nv-sa, C = BE	52373A21B95B5E6DE12A2BCF0FFB7D6A633B4CAAD725F64F6236FBE989DBC29E	
285	CN = GlobalSign Atlas E46 C2PA Timestamp CA 2026, O = GlobalSign nv-sa, C = BE	513E68935207001A845FA68A80B332BA180B2DE7335B743EF958FE6D585798DA	
286	CN = GlobalSign Atlas R46 C2PA Timestamp CA 2026, O = GlobalSign nv-sa, C = BE	3789E9CAD47CB126EDEDAB6F5D1DC5F081B3DC6F39F0CCA229520AC8EDE69817	

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#	Subject DN	SHA256 Fingerprint	Other information
287	CN = CRB Group Atlas R45 SMIME CA 2025, O = CRB Group, Inc., C = US	3C905753C59C45FFDA3E0B147C7E9165D4D1C6AFFD67CD1A20BC05E58D3B5BF6	
288	CN = European Labour Authority Atlas R45 SMIME CA 2024, O = European Labour Authority, C = SK	04A63C051A207C4D88CACF0451412204CC759CA0584DE1EA3D5C658D3AF4F03C	
289	CN = European GNSS Agency Atlas R45 SMIME CA 2021, O = European GNSS Agency (GSA), C = CZ	F4EFE27C6B037747B3A89E23EE23C1B70A24DEB53B2E02F423BB0F73E1822267	
290	CN = GROB-WERKE GmbH und Co. KG GCC R3 SMIME CA 2020, O = GROB-WERKE GmbH und Co. KG, C = DE	6FC0296F355073DD3622150FB496EB455C8C547146191076C5AF76FA9C36C238	
291	CN = GROB-WERKE GmbH und Co. KG GCC R3 SMIME CA 2020, O = GROB-WERKE GmbH und Co. KG, C = DE	B75840FEA15C545335CD4BA58B707F53524CE984655AEBCC248A57E6F2403A8B	
292	CN = CBMM GCC R3 SMIME CA 2020, O = COMPANHIA BRASILEIRA DE METALURGIA E MINERACAO, C = BR	F6F9C3FC5636C7E800EB1BDDFD33AAF98495C130DBF48F9BAF4AB7A1F665DFB4	
293	CN = CBMM GCC R3 SMIME CA 2020, O = COMPANHIA BRASILEIRA DE METALURGIA E MINERACAO, C = BR	F6FAD88040CA2A7301B7ABA5094E9610B344368C2D37A99D0EDC6F0CD534B297	

S/MIME Issuing CA			
#	Subject DN	SHA256 Fingerprint	Other information
294	CN = DSigner GCC R3 SMIME CA 2020, O = DSIGNER, SOCIEDAD ANÓNIMA, C = GT	0E95B3411E3806ECF7C4C6026956F3E5F3EB1EC096C0F982CAD30ECB37AFFC85	
295	CN = DSigner GCC R3 SMIME CA 2020, O = DSIGNER, SOCIEDAD ANÓNIMA, C = GT	3FA4A9B65FDF6876FE668DFECC434932EBC254FD741119FC432A5989A085F320	
296	CN = SWIFT Atlas R3 SMIME CA 2022, O = SWIFT SC, C = BE	A4819D67CC975AC71BC9315FA08DFA5AFFB9A537D79A6865FEF574F28ED5B52B	
297	CN = SWIFT Atlas R3 SMIME CA 2022, O = SWIFT SC, C = BE	65BAE54958A42CD00D08DA3AC63641B3D74F2B38C1EC14F29CFF13A7136E88A9	
298	CN = SWIFT Atlas R3 SMIME CA 2022, O = SWIFT SC, C = BE	26697DE995B1E8A60ED1A2A04A37DC2E8B3BCD4ED869FCC53C7F6C1D12323E52	
299	CN = DPDHL User CA I5, O = Deutsche Post AG, C = DE	163B5F69720164075C16CE760A93C85D5073CD5A0D41C7A3AFB0B5E75B3DC646	
300	CN = DPDHL User CA I5, O = Deutsche Post AG, C = DE	487A1BBFE1106CF575F04196CAE3D987D990A29640F4CA5C8994830131541DA1	
301	CN = DPDHL User CA I5, O = Deutsche Post AG, C = DE	D4422292BB7DA8F8808DFA315D16A3A1380DB929E1E5A0335128FA71419E92BE	
302	CN = CRB Group GCC R3 SMIME CA 2020, O = CRB Group, Inc., C = US	E733E7E3E4AA765948CF4226391B49A72A0FEBF511E52DF96DF28398AFF61816	

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#	Subject DN	SHA256 Fingerprint	Other information
303	CN = CRB Group GCC R3 SMIME CA 2020, O = CRB Group, Inc., C = US	814179F36A71529C915C540261E44638E37A4FCE879740F0CE7351A8E9291A03	
304	CN = GlobalSign GCC R6 SMIME CA 2023, O = GlobalSign nv-sa, C = BE	36D7314848ACCB3E4C5792D1B07120B1035BFB8B67E6600952D6745F5D6E22BD	
305	CN = GlobalSign GCC R6 SMIME CA 2024, O = GlobalSign nv-sa, C = BE	12C3BABB3D477F7AF620BE1943570D1CF88362A485E7BE302C5ED58912E76E53	
306	CN = GlobalSign Corporate IT Atlas R45 SMIME CA 2021, O = GlobalSign nv-sa, C = BE	1E95983E605565A3647135FFF16E28070E037CDB8AF714D06C9CFBD0BB285D35	
307	CN = GlobalSign Corporate IT Atlas R45 SMIME CA 2021, O = GlobalSign nv-sa, C = BE	7C4E78C74B4818D17EF8B8AB91E32DB4F7E3CE84A0C5E47AAA62AE39FAB60D01	
308	CN = Clayco Atlas R45 SMIME CA 2022, O = Clayco, Inc., C = US	F3794E0BB2EA5D4CD0E9C7818FFB66891A9F6FAE5AE8B9059E68E673FA03ADA7	
309	CN = RWE Atlas R45 SMIME CA 2020, O = RWE AG, C = DE	1DB4AFAC4E87938FE804ADA649D364DADD817878E0FD08A593C036716C19BC5B	
310	CN = EUSPA AR45 SMIME CA 2021, O = European Union Agency for the Space Programme (EUSPA), C = CZ	4B2757399C7DDCBFFCD1CEE17390D92958E6D95838105E8FF52205A6CE917F51	
311	CN = Bechtel Atlas R45 SMIME ICA 2022, O = Bechtel Corporation, C = US	BE71D33732D4857FF7AE610DFCC5E0A70B93F14C5D7A3418347D82CE975654AE	

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#	Subject DN	SHA256 Fingerprint	Other information
312	CN = GlobalSign Corporate IT Atlas R45 SMIME CA 2024, O = GlobalSign nv-sa, C = BE	B8829605DD58C892A1D223FCF70D3F8534576E6AC617FA130876AD8B061AB3C1	
313	CN = Riksgälden Insättningsgarantin GCC R6 SMIME CA 2023, O = Riksgälden, C = SE	B0959E4BF3FEF426496F44615FA955359DEB6C30D0A67866FCE40FF3122F7F4F	
314	CN = Trusted Root nonTLS CA SHA256 G3, O = GlobalSign nv-sa, C = BE	3A30D4A3043F195609E30F747754699CC6CC97E1F5FCB83DE87E659E579E39AD	
315	CN = EUSPA AR45 SMIME CA 2021, O = European Union Agency for the Space Programme (EUSPA), C = CZ	A2F5C0CD7364E1123B21556FB7999BEA8E9F0AEF399A3544CD12EB83C238BA1E	
316	CN = EUSPA AR45 SMIME CA 2021, O = European Union Agency for the Space Programme (EUSPA), C = CZ	9506357B3B18E56BAEEBE95B7B9CB873A7C8AC973239DAA4D0BCEAAFFC527404	
317	CN = State Oil Atlas R45 SMIME CA 2022, O = State Oil Ltd, C = GB	19B57472F46A480A721F03275647D4E5DF7FC790BCF7603DD5C8F9F35F7DE117	Expired on June 15, 2025
318	CN = State Oil Atlas R45 SMIME CA 2022, O = State Oil Ltd, C = GB	DB8F5C248790FADCF1A3F405F1163C977B643056887CB6469D674AF5CEF46B5A	Expired on June 15, 2025
319	CN = GlobalSign Atlas R6 SMIME CA 2023, O = GlobalSign nv-sa, C = BE	4A50CA65DB216AD62D260C5EC1D9CAE225E7BF961329817E0E93B97DEC3D277C	



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#	Subject DN	SHA256 Fingerprint	Other information
320	CN = Bechtel Atlas R45 SMIME ICA 2022, O = Bechtel Corporation, C = US	CCBED114280CFAA28407DF31913F99CA2F212B52E52CD3E150F8CD448EE459C3	
321	CN = Bechtel Atlas R45 SMIME ICA 2022, O = Bechtel Corporation, C = US	6390D54F26A13B6511B25130EC0580987AFAB843F15A1E16695AA456BD36C043	
322	CN = Clayco Atlas R45 SMIME CA 2022, O = Clayco, Inc., C = US	CDA61B2C3AEDD28FEEC05F6D0AE4102A1BD001CB4ED7F590F4A0B4B1EADD9B02	
323	CN = Clayco Atlas R45 SMIME CA 2022, O = Clayco, Inc., C = US	5B92AF30724309D82A1DEDDFB0975A336A7C7A45DDCAB6E0D24A48EBC49575B9	
324	CN = RWE Atlas R45 SMIME CA 2020, O = RWE AG, C = DE	3EFEC6B78BC4864625AB1A3D286AB0A4440D86DB98E07891859CCE3CE7BCA3CA	
325	CN = RWE Atlas R45 SMIME CA 2020, O = RWE AG, C = DE	BEE8FB99D7B9EC0CAEF1B1A6ACFFEABD777E31CBAC2D0E1846BDAEC4D5B18BE8	
326	CN = HERTZ GCC R45 SMIME CA 2020, O = The HERTZ Corporation, C = US	013C13426B92F703BA573D9E16C2E35AECA26C60F606B88D3CE2150C94D56C14	
327	CN = Spirit AeroSystems GCC R45 SMIME CA 2020, O = Spirit AeroSystems, Inc., C = US	31BBB081F0B0811DB4AE11A7D2B36168A98DE8230253423F13B5B241A0E8C707	
328	CN = Spirit AeroSystems GCC R45 SMIME CA 2020, O = Spirit AeroSystems, Inc., C = US	90D87E23B012A357851472CE9F4E49201F67BA9EC1FB9CD236C0C5AAA15FFE9E	

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#	Subject DN	SHA256 Fingerprint	Other information
329	CN = EY LLP GCC R3 SMIME CA 2020, O = Ernst & Young LLP, C = GB	3A093122808FFFA440E19824D0BC7CD6B01D8D8277F7F42FA16E80A0205D4A7A	
330	CN = Accenture Federal Services GCC R3 Global CA 2020, O = Accenture Federal Services LLC, C = US	9D61B40ECFE094B415FBF6AEEA1FDB27A1A4C3B6FD9008D768777D6D7FBAAEE9	
331	CN = LinQuest GCC R3 SMIME CA 2020, O = LinQuest Corporation, C = US	7BB16E460DFF6DBC33D941D5552D494B71E776B79FFDE7A5C0413F64A768931E	
332	CN = LinQuest GCC R3 SMIME CA 2020, O = LinQuest Corporation, C = US	DDD73ABF0259F18F77CA598C2745EA18243526B10D371D7E3B088D68C88C0A97	
333	CN = Quálitas Compañía de Seguros S.A. de C.V. GCC R3 CA 2020, O = Quálitas Compañía de Seguros S.A. de C.V., C = MX	795A8468D098E3729E6A17920AA6D8F27E84DC180F85C9B28A77FB368DCC7895	
334	CN = DexKo Global GCC R3 SMIME CA 2020, O = DexKo Global Inc., C = US	6C450398A321440532FE2FA41B31ABF13ADA8A94274D0397E6F24D18CED77A66	
335	CN = DexKo Global GCC R3 SMIME CA 2020, O = DexKo Global Inc., C = US	D531F24E655D1F28A344BD3E0E9B141CE88A4139C61CB0CF5184EF2E2B9531A7	
336	CN = GlobalSign Atlas R3 SMIME CA 2020, O = GlobalSign nv-sa, C = BE	479D6A0980722966237F06C41842EE796B55D4D00A0D663B785D48433A29156E	
337	CN = FIFCO Atlas R45 SMIME CA 2020, O = FIFCO, C = CR	80642AAC7C782BCDB0C3F6F385488F9BE3BB2DE30B863009E74B29F026C9EAE6	



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#	Subject DN	SHA256 Fingerprint	Other information
338	CN = Trafigura PTE Ltd Atlas R45 SMIME CA 2020, O = Trafigura PTE Ltd, C = SG	36FCE16CC976727765DF5E9FADB12C544D704C35150D1F17DDE1A42A85B88BE4	
339	CN = GlobalSign GCC R45 SMIME CA 2025, O = GlobalSign nv-sa, C = BE	488F465D575607BC7CB7974CA7E6F4F5BCF76D9472719260DF902E73E0B87714	
340	CN = DHL Secure Mail CA I6, O = Deutsche Post AG, C = DE	333729B23AE4506C32E80C654C66EC7B2D1BBC7A923A216F48A7C62A46B52414	
341	CN = GROB-WERKE GmbH und Co. KG Atlas R45 SMIME CA 2025, O = GROB-WERKE GmbH und Co. KG, C = DE	C1E6B13C34B8029F8BBCEEACF9F543EBF02A1CC4D56255FCC51BAC3EA794BE4E	
342	CN = CBMM Atlas R45 SMIME CA 2025, O = COMPANHIA BRASILEIRA DE METALURGIA E MINERACAO, C = BR	BCCC52A414C3A58B8B2684B608B4CE4AC6B0FC2208EEED85BA0696866EAA3FF4	
343	CN = Österreichischer Rundfunk Atlas R45 SMIME CA 2026, O = Österreichischer Rundfunk, C = AT	7C56B9A6E3E2EF8904AB2FCFAF33141C907ADDFE1EC10E9BDD4C9B02CEFC6D2D	
344	CN = Riksgälden Insättningsgarantin GCC R45 SMIME CA 2025, O = Riksgälden, C = SE	94B0EAD1EFCF285669284DB0434D3BB7581DC89D2BD4A0305E5F07A461045E41	
345	CN = SWIFT Atlas R45 SMIME CA 2025, O = SWIFT SC, C = BE	0AD9DA2A043684C081F870FDF855D14A22908792079F07AD729C992E6E95675D	

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#	Subject DN	SHA256 Fingerprint	Other information
346	CN = GlobalSign Atlas R45 SMIME CA 2025, O = GlobalSign nv-sa, C = BE	E08A15A2C88B55D910E2083443FBEB4781ECBA179B797EF4B7C5D0EA5694EA19	
347	CN = Spirit AeroSystems Atlas R45 SMIME CA 2025, O = Spirit AeroSystems, Inc., C = US	833D0A9A74CE20C031B04C6228BF1151232A335C1562DE93ED28E1CC85341724	

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Other CA			
#	Subject DN	SHA256 Fingerprint	Other information
348	CN = GlobalSign Timestamping Root E46, O = GlobalSign nv-sa, C = BE	24E9A5B561CDFEFEEEB73245DAC1B04465C513F936621D21902DD8A58FD6C461	
349	CN = GlobalSign Client Authentication Root E45, O = GlobalSign nv-sa, C = BE	F375270F2F216B9F62CC31795619F6FE1943DF65D1B198D3341170A40725BFC7	
350	CN = GlobalSign Client Authentication Root R45, O = GlobalSign nv-sa, C = BE	3DA135562E942799D547CA72EA57D7AC03791B24D4E24BA2E1E1331E8A1678F0	
351	CN = GlobalSign Timestamping Root R45, O = GlobalSign nv-sa, C = BE	6AFBC07C724C6F75C7743392F32BF5780BD5DD39268544D4882E7AEC1ADD0282	
352	CN = GlobalSign Code Signing Root E45, O = GlobalSign nv-sa, C = BE	E506B72BB97A14D24959A0D1A977E1ACDB6155D68FB4846885E544D147E7D577	
353	CN = GlobalSign Code Signing Root R45, O = GlobalSign nv-sa, C = BE	6385DDCD1B768648267EE5122897CA085FC45D6030ECB55098F583AF152AA4A6	
354	CN = GlobalSign Code Signing Root R45, O = GlobalSign nv-sa, C = BE	05E0634B1FEB98AE6B4CF101728CF9D5A1793CEACE301506FF332B22D4CF08EB	
355	CN = GlobalSign Secure Mail Root E45, O = GlobalSign nv-sa, C = BE	5B87841E80AAFE877804E56694473DCA8BB9F1FF4FFCF885A3DAFD24463FCB64	
356	CN = GlobalSign Secure Mail Root R45, O = GlobalSign nv-sa, C = BE	5268C94573AF66BA5A3DE979F2048DE43BD4B68AF0B73A2D639159FAFE637F69	
357	CN = GlobalSign Root E46, O = GlobalSign nv-sa, C = BE	1DF6054D6641404633641BB5FA3742FDA7D075E2514840AB61E00CCBBB7D341D	

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Other CA			
#	Subject DN	SHA256 Fingerprint	Other information
358	CN = GlobalSign Root E46, O = GlobalSign nv-sa, C = BE	0F1554C2FD591B0256A608E1C136A837E7A6E041561EE08A911B2AFDCD3C6C1B	
359	CN = GlobalSign Root E46, O = GlobalSign nv-sa, C = BE	33EF151EFB08D1C44FB85CC3F23EC6873014E9F881691BD4938B7F251580B694	
360	CN = GlobalSign Root R46, O = GlobalSign nv-sa, C = BE	45CB1D874CB03BD5C5B6E079C8FC29E51521EE5628486301964A41F94BA59F88	
361	CN = GlobalSign Root R46, O = GlobalSign nv-sa, C = BE	A63C1398B5F8DD2D432FBE4C2C19142BEA6D5D0221FAE794718AE7597ACCA96D	
362	CN = GlobalSign Root R46, O = GlobalSign nv-sa, C = BE	A5E33C28E3013A71F5F760AE3B16595090043D2EC5209EC52903C4FBAD258DAD	
363	CN = GlobalSign, OU = GlobalSign Root CA - R6, O = GlobalSign	75BFB522CC4B58DA22EE488517C5F2EFF92576D20F595F9ACE483A036FC1BB6B	Expired on June 4, 2025
364	CN = GlobalSign, O = GlobalSign, OU = GlobalSign Root CA - R6	DDA8DA736187D76F4F0ED5A5F667B54D99A98AE06091D0E3A01714E9221695AD	
365	CN = GlobalSign, O = GlobalSign, OU = GlobalSign Root CA - R6	C84E1378B974A991ACDCDD733421E3061E6FA21A0491C8902BAFDE3855E0063E	
366	CN = GlobalSign, OU = GlobalSign ECC Root CA - R5, O = GlobalSign	0AED971671F8FE67EBA28817550AFEE946FDC2C52250003A6CFB87BC5AAD8A04	Expired on June 4, 2025
367	CN = GlobalSign, O = GlobalSign, OU = GlobalSign ECC Root CA - R5	3F319B2AFED4A0F75127BE59925550D0428E68763A09E273EB6A9FF8D18DBB5B	

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Other CA			
#	Subject DN	SHA256 Fingerprint	Other information
368	CN = GlobalSign, O = GlobalSign, OU = GlobalSign ECC Root CA - R5	F349954E8FB6D44011BCB789D97D9A2CB2032BD5F0B598D1FB8A099F5848D523	
369	CN = GlobalSign, OU = GlobalSign Root CA - R3, O = GlobalSign	2510E248903F01B63F9398179E5506979F0EF507E4174B657AF6F770A417EC94	Expired on June 4, 2025
370	CN = GlobalSign, O = GlobalSign, OU = GlobalSign Root CA - R3	445EEC78BC61215044A0379656AA2D5DB5E42F76CB70B8D14C2077AA943D4EBB	
371	CN = GlobalSign, O = GlobalSign, OU = GlobalSign Root CA - R3	C94FEDDA4E8608908580BC7F87B434E03BB262E42F64C63820A8F50FB17C1CEC	
372	CN = Hongkong Post Root CA 3, O = Hongkong Post, L = Hong Kong, ST = Hong Kong, C = HK	00482341B104A0DE6E0F1D508DB84CB514F7494FE04982133A5C750136C55DC8	In Hong Kong Post Audit Report (*)
373	CN = GTS Root R4, O = Google Trust Services LLC, C = US	76B27B80A58027DC3CF1DA68DAC17010ED93997D0B603E2FADBE85012493B5A7	In Google Trust Services LLC Audit Report (*)
374	CN = GTS Root R1, O = Google Trust Services LLC, C = US	3EE0278DF71FA3C125C4CD487F01D774694E6FC57E0CD94C24EFD769133918E5	In Google Trust Services LLC Audit Report (*)
375	CN = AbbVie Atlas R45 AATL CA 2025, O = AbbVie, Inc., C = US	930A6F3BE751355957FC1EE5CBECEB98127C9EA3B03ED520002676D39EB6EA5C	
376	CN = GlobalSign CA for AATL - SHA384 - G4, O = GlobalSign nv-sa, C = BE	AC0AB963BB5F3DA05FBC8687F98C2B6EA0BB499E6118C1A9136B1BC7C3C71A6B	

Other CA			
#	Subject DN	SHA256 Fingerprint	Other information
377	CN = AbbVie Atlas R6 AATL ICA 2020, O = AbbVie, Inc., C = US	6509F94BCA4DC619F3E732D533ACD3D0F10ABA102A13123B6AF737C8E12DAA21	
378	CN = GlobalSign R45 AATL Root CA 2020, O = GlobalSign nv-sa, C = BE	B296DC3BCF451217D7AD4F84FB8EE25CC92FC659CAFA0EB4A8B5B4DB3D0215C2	
379	CN = GlobalSign GCC R6 AATL CA 2020, O = GlobalSign nv-sa, C = BE	75CC6021036890EAC71853FAE8382CF8DB33DC41706F42AAFE421E98AD38174C	
380	CN = GlobalSign GCC R45 AATL CA 2020, O = GlobalSign nv-sa, C = BE	BCF8D9040635C95E84F9FEDDF36F9422C0D215C23798E9C2D5F3798ECF27B68A	
381	CN = GlobalSign Atlas R45 AATL CA 2020, O = GlobalSign nv-sa, C = BE	65573E11BB13C6ED115E0B90E2C30B1E4DE4D5CAC1B31EAB2D417C32A3DA5D79	
382	CN = GlobalSign E45 AATL Root CA 2020, O = GlobalSign nv-sa, C = BE	87903E20623512D28BDBFACE4D41BD50F5BA6B1B2E8CCAB134CE161769EAEC00	
383	CN = GlobalSign E46 AATL TimeStamping Root CA 2021, O = GlobalSign nv-sa, C = BE	2A34A0225DBC82845E8C5F2F13897179A9B2D91E74D93BDE0021F4F89804E59F	
384	CN = GlobalSign CA for AATL - SHA256 - G3, O = GlobalSign nv-sa, C = BE	2E8820DC0EAF3D6D285C057ECE14470B377438B002CEDD4C72B4F343A54F43	
385	CN = GlobalSign CA for AATL - SHA256 - G2, O = GlobalSign nv-sa, C = BE	AA89C466E9D06882C0DAAF72BE0F0FBCFE7C1EF2AAAD190640C4AD44F5517F34	

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Other CA			
#	Subject DN	SHA256 Fingerprint	Other information
386	CN = JCAN Public CA1 - G4, OU = JCAN Public CA1 - G4, O = JIPDEC, C = JP	9AC4C8E358C095C998122ADD17A336C0AC597ECBECB7EDC3F58A75040CF94A5F	
387	CN = GlobalSign GCC R3 PersonalSign 2 CA 2020, O = GlobalSign nv-sa, C = BE	F0DBB9E90E6643CCB23660147E5DE24760440089D96F4AD0D82F66C3E7DA5C20	
388	CN = GlobalSign GCC E45 Client Authentication CA 2023, O = GlobalSign nv-sa, C = BE	ED8C173B5AA6C71B4456E10C2D9841D2F8B358E093C24BE021508EB0E79505A6	
389	CN = GlobalSign GCC E45 Client Authentication CA 2024, O = GlobalSign nv-sa, C = BE	D7F096978E2BE8F431EAC0606EF79A64F4DF1CEC49BEB49DD701F9385DED7C8F	
390	CN = GlobalSign GCC R45 Client Authentication CA 2024, O = GlobalSign nv-sa, C = BE	B642FE0BEEDA939226D98030811804987283E4F20B5638F9AA74C1650D3F7A10	
391	CN = JCAN GCC R6 Public CA1 - G5 2024, O = GMO GlobalSign K.K., C = JP	4BFC1B87164F6EB0C0B68BA69093BE73E3F745F896CFD236B028BAA0E5321B39	
392	CN = NAESB GCC R45 Client Authentication CA 2024, O = GMO GlobalSign, Inc., C = US	1AA7F7FB618CFC8E6EE7D12E2EEE826D3ED4A22F39EC21C9D2A5A0C40AE6BF92	
393	CN = RT2 Atlas Client Authentication ICA 2022, O = Real Time Technologies, Inc., C = US	086E13C1B237ABB0B2FD6A3424419E6F241BBB849CB60054F2309F1480592B5F	

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#	Subject DN	SHA256 Fingerprint	Other information
394	CN = GlobalSign GCC R45 PersonalSign 3 CA 2022, O = GlobalSign nv-sa, C = BE	9153DB840DA0BDD27A0A2FCA32E4E278AF54C3580F3C45FACA402C70E6E4DA5C	
395	CN = GlobalSign GCC R45 PersonalSign 3 CA 2020, O = GlobalSign nv-sa, C = BE	50161C1232F32E8057879F9C7651A9088F5AA1EF5AC9A9A4BD445C6E788EA6F8	Expired on October 21, 2025
396	CN = NAESB GCC R45 Client Authentication CA 2020, O = GMO GlobalSign Inc., C = US	5EBD04144508FADD1B9DB79FF62B826D6FF893987B1534C0F8EEC2261D6AC452	
397	CN = InComm Agent Solutions Inc Atlas Issuing CA 2020, O = InComm Agent Solutions Inc, C = US	4DFD9A61EB32208A94F15719FF2EC71449BCB0F344C18D5D1D3994A6C30EC92E	
398	CN = GlobalSign GCC R3 PersonalSign 1 CA 2020, O = GlobalSign nv-sa, C = BE	583C7FC250856B7F947FC7CC076FE216273CA1713D122C2E5D8F6038FD6E3562	
399	CN = DHL Client Auth CA I6, O = Deutsche Post AG, C = DE	EFEEC917B8383B48878AD40B09DFDC0C4698DF0DAF43C4B47474CB3C02B06A18	
400	CN = GlobalSign Atlas E45 Client Authentication CA 2025, O = GlobalSign nv-sa, C = BE	1A924B6032DF2E8EC67E149BF68708F6006E53B4DE4899722410BACCABDFCD44	

Other CA			
#	Subject DN	SHA256 Fingerprint	Other information
401	CN = GlobalSign Atlas R45 Client Authentication CA 2025, O = GlobalSign nv-sa, C = BE	612B045D9C08697594FD80E2BF6299150408F79FE1797D953FF208D5624A4D5F	
402	CN = GlobalSign GCC R42 Verified Mark CA 2023, O = GlobalSign nv-sa, C = BE	0FA93B3456322B7672C6B9616E09944E091E9DBDC63FF029B110400688CD4983	
403	2.5.4.97 = NTRBE-0459134256, CN = GlobalSign Atlas R45 Remote QSCD Delegated RA CA 2022, O = GlobalSign nv-sa, C = BE	AD304215A70BF5D06E84973BF49862F10CFF490DA9C97D1D6FA6934F8E3C98AF	
404	2.5.4.97 = NTRBE-0459134256, CN = GlobalSign Atlas R45 Qualified Remote Signing CA 2024, O = GlobalSign nv-sa, C = BE	5F4DE9476933306D850B530E01F543E70B461D48E402188F4E500679C304ED22	
405	2.5.4.97 = NTRBE-0459134256, CN = GlobalSign GCC R45 Qualified QSCD Signing CA 2024, O = GlobalSign nv-sa, C = BE	13D7E765FE222EC2590008EF8EF43C0C9BC256B87F2705B16D80AAB256843040	
406	2.5.4.97 = NTRBE-0459134256, CN = GlobalSign GCC R45 Qualified Signing CA 2024, O = GlobalSign nv-sa, C = BE	4586A569DFD4C8DDBC4703805A14F9FDADF3D6C7CEFC127868A49B21FFA7C76	

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Other CA			
#	Subject DN	SHA256 Fingerprint	Other information
407	2.5.4.97 = NTRBE-0459134256, CN = GlobalSign GCC R45 Qualified Signing CA 2020, O = GlobalSign nv-sa, C = BE	4E1474CFEB41D048C7E1E2C975D69AD3FD739BD44577A80D0432F233D51C5C77	
408	2.5.4.97 = NTRBE-0459134256, CN = GlobalSign Atlas R45 Qualified Remote Signing CA 2020, O = GlobalSign nv-sa, C = BE	323F35F0DFB01D6B478C24026C66852AAD3E96DCB1C5BE17C1DA1EC47D77CC87	
409	2.5.4.97 = NTRBE-0459134256, CN = GlobalSign GCC R45 Qualified QSCD Signing CA 2020, O = GlobalSign nv-sa, C = BE	1B728D4A76506634A11007912F1D8C6B9AA39BE1AFCA49096657CF1FFB4513BF	
410	2.5.4.97 = NTRBE-0459134256, CN = GlobalSign GCC E45 Qualified Signing CA 2020, O = GlobalSign nv-sa, C = BE	35E9429CDE680D8D5311CDD46FAEF0AEE694B0556C3D69C4F670E243D64C87FE	
411	2.5.4.97 = NTRBE-0459134256, CN = GlobalSign Atlas E45 Qualified Remote Signing CA 2020, O = GlobalSign nv-sa, C = BE	5CB0FDEF052BD18A0A40ADA2235F46EB42B6D0993ED5A50DE47E3EA12FF191B1	
412	2.5.4.97 = NTRBE-0459134256, CN = GlobalSign GCC E45 Qualified QSCD Signing CA 2020, O = GlobalSign nv-sa, C = BE	8115E2CB4F04E56EA70EA932D0622831DD53B22BF6A93B3ACD9125FAB0374AF1	

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Other CA			
#	Subject DN	SHA256 Fingerprint	Other information
413	CN = GlobalSign Atlas E45 AATL CA 2026, O = GlobalSign nv-sa, C = BE	4BFD9633EFB882AD5DE6E63C954E9EBC48CD0AA4FD824DED4F7034E8D2A018BA	
414	CN = GlobalSign Atlas R45 AATL CA 2026, O = GlobalSign nv-sa, C = BE	2B0E0C426230950B6872A59DF80641A87918623E1394F8D6997BC38AA5DEC96C	
415	CN = GlobalSign GCC R45 AATL CA 2026, O = GlobalSign nv-sa, C = BE	9002756176624D1DA91D402496A40DDD81CAF3A6ABBC84B90BC7B6A6A442C09B	
416	CN = itsme Sign Biometric CA 2025, O = Belgian Mobile ID, C = BE, organizationIdentifier = NTRBE-0541659084	05B0258EC83AD20E230A45068E2C821C1C48BF793B32C3D7596D87544F0C1B68	
417	CN = itsme Sign Non-Biometric CA 2025, O=Belgian Mobile ID, C = BE, organizationIdentifier = NTRBE-0541659084	84D62224525C18A2ACCC844196572B80ADA245C5E5D1F9F3AD0E186A6FB9619C	
418	CN = GlobalSign Atlas E46 C2PA L1 CA 2026, O = GlobalSign nv-sa, C = BE	A1A77650F69A64A7639D722ECA19532D0F523F15D3D807E4BBC037C3DD5D581C	
419	CN = GlobalSign Atlas R46 C2PA L1 CA 2026, O = GlobalSign nv-sa, C = BE	E3ABE152F0CE254105A1A780E549EA77C34DE241E658A16859479BFADDF85D26	
420	CN = GlobalSign GCC R6 Authentication CA 2026, O = GlobalSign nv-sa, C = BE	8C8C66EE1974ECCB7BC1C6CC186C0C87B058607F55D8598A647163084644DEEC	

* The cross-signed certificate was signed with a key controlled by GlobalSign, and the certificate is subject to GlobalSign's CP/CPS. While the cross-signing establishes a trusted relationship, the cross-signed certificate is not controlled by GlobalSign.

Appendix C: Locations

Location identifier	Country	State / Province
AE-01	United Arab Emirates	Dubai
BE-01	Belgium	Vlaams-Brabant
BR-01	Brazil	Minas Gerais
CN-01	China	Shanghai
IN-01	India	Delhi
JP-01	Japan	Tokyo
JP-02	Japan	Yamaguchi
JP-03	Japan	Tokyo
JP-04	Japan	Tokyo
JP-05	Japan	Tokyo
PH-01	Philippines	Makati
RU-01	Russia	Moscow
SG-01	Singapore	Singapore
SG-02	Singapore	Singapore
UK-01	United Kingdom	Kent
UK-02	United Kingdom	London
UK-03	United Kingdom	London
US-01	United States	New Hampshire

Appendix D: Publicly disclosed incidents

ID	Disclosure	Publicly Disclosed Link
2007098	GlobalSign: misalignment of CRL URL in CCADB with issued certificates	Bugzilla Ticket Link

Appendix E: Parked keys

#	SHA256 Fingerprint	Key Generation Date
1	FF68A42430157FE7B90197E0951B345B00FB57E9F7A3006C7A707895601D466B	March 23, 2021
2	80965F87D1E60AE47B83CDAC5FF7B1C39745C3844F55EE85017A9CF6A1E83049	March 23, 2021
3	3993B8953FFC7D235B6E3C332F1B07ACCA80EBA913C9D6FFC17D0552857080DD	March 23, 2021
4	01336BDE3B09F33E598362DA2FD6C3FFAEF90E6B558E84AB84E3F634374A748B	March 23, 2021
5	CFBC4698658A87D90B24CDE944BA8880BA8FA0CCB8FD08BCD04DE34DE6B4ED2A	March 23, 2021
6	DC6681CA23BAABE859EDA9FC1BFB8C090D4E38ABDC76AB11245C326DEAAD61AE	March 23, 2021
7	3273485BCD91F1BF347428976E784FF9432D26FE92955E07B22B8DF103478090	March 23, 2021
8	9DDC2C2CBE1EAC79335D97B29D680DFB4F09D0F99F4DABA3D85C809E5003A69E	March 23, 2021
9	B82B4BE4507D65C9822087BD25004CC3D7BE9CB887042D2329CC66A35E5E694A	March 23, 2021
10	93F75CCEA1023FA0ABB3FBA99F854BF7BC3D4B1A7B8425716FB49BED5DB989A3	March 23, 2021
11	E605EFAE39858D88A13BB918B4FF2B6F7B6D59519260612A1ACCF0A112BA1541	May 18, 2022
12	131940EAD6A5DACB1EDCC35C0C4B110E9F3FA3C0B9A6C66E49E203E04D7D0125	December 6, 2023
13	54463AE51860A78E82FFE3C0F0CBEA1296EB79F98AD00465D945888D21F1F54E	November 20, 2024
14	BBABBD98B2F8C644FD231FC443438706ADF7E0CEB1E34E809506DD66503DF1D0	November 20, 2024
15	5E29049EF02625103C0E504C1A11DEFA8D77CA8D95BAA0753A1D544A0C85B097	November 20, 2024
16	079AC53ED527332D58466811F4A6E60313919C36DFC101033C994F25FA8325C3	November 20, 2024
17	FAAAD44E77287F2717B1B37CA3A4986E1977A71AEB62D0F34D84A897FFD49578	November 20, 2024
18	07EDEFFFAF595B789490EAF6E97A8C329D48008915689C52D74AFE2D58232695	November 20, 2024
19	4A2239A9BF44684136F1A4E46F115539417E531BF09420054B2D5E981C667DDB	May 21, 2025
20	B6B7E8704D22BCA993CD9479E31BAD09E0E07B9D4A21B81E9357A5D9885FC825	May 21, 2025
21	4F9ECD720E1037D50FEED2B3DF98E2AD7EDB140098D215B2ABDC1AFC5B6B0DA0	May 21, 2025
22	82DCEFC9B400AC0009BDBD588B6C435676D5729E75F06EE1FC12A693BEC98582	May 21, 2025
23	F57C0EBEF0755E8485C5B8308F415DA605E27DECE9221697388763C84F1EDE98	May 21, 2025
24	09202EF729B30A36433FCAC5A318B607FCF7A77B3767482123811A41BE96A065	May 21, 2025
25	DB6F66659153DA04B1CDE02FF98341F6306C172BCDD1A28CC48B23D258901552	May 21, 2025
26	108925103D789370CEC2F6F3352C7A232C1D6933D77256D713F46F0303805EED	May 21, 2025
27	2F8C4994B1D2E08CFAE0EC5FE27F61EE2E24F24EB4DAA0BDEAA7453D8795609F	May 21, 2025
28	4E8F5BA0E9FA3FEE91EF3DD69DDCC423DBA1A46D5D6ACDF0FC25D0EDAD530FA7	May 21, 2025
29	3E5685DE65A62A25E68475E84BFD3E6C289461B651C56CDF3B179B2E04CDC76D	May 21, 2025
30	14FF4AE467D30CA7C315377EF0D078EC9402C9E5F4457E75981B51EAC4D13EC8	May 21, 2025
31	832495951C2769B2AD1FF09B454E910DF41D8EA17D00CBA5E1A4731016CFFDB2	May 21, 2025
32	0C395CE37591CFE54CECAB234AAE133764FE858679BD3E6C09EBE9F04A979E0B	May 21, 2025
33	F7509C42485B9D9999CADA3B14C39D82D2FE1D5606F5EC8E747ADA54C885ACCB	May 21, 2025
34	9F4F162A145362187DCEFD69C3116B65342302ABF1591586F65E03F30DAD0547	May 21, 2025

#	SHA256 Fingerprint	Key Generation Date
35	5BD30F9A74AE8926ABEC04C2639560F6734C23D7DF991C8B7AABB2C520306C21	May 21, 2025
36	939B5A37712B3330DB3EAF4618E6F66FFBB4CD410C90FDDBD828F6AB46909CB0	May 21, 2025
37	9C1D6C9EE8BD3923E306D2FC345B3D2D1CAE6883EF77A44AEC2B8E9FB8B955F8	May 21, 2025
38	8241460774F696631E09258DB2B1C92A07C6E220C840B7B0CF099B21FED27CAC	May 21, 2025
39	80757264002BDEFB301B3582A8792340FCAD286319475145C0B1BBB085D81CE7	May 21, 2025
40	EBA1F06678F49D9ED3FAAE9752187EB8F08EDFC968820EA75D7613887E4B34C2	May 21, 2025
41	CA6791910EB899D07EE362AD55474D57A23C57901A7C4FAE1AE15FBF0959D43E	May 21, 2025
42	9AB501D0B9540E8A303F108F47B3A2D69464D1B9DB98DFC63CCE7F23048AFCC9	May 21, 2025
43	0C237FA3EB4CBDBDABA834EB216F58D367EAC1FC3E6248D260806EBD85F6102E	May 21, 2025
44	DE3A743464A6620B0FD255FC596943DA0083ABF3C907CA508563ACC33F3D8A51	May 21, 2025
45	A44DF283C61CE25EFD16D1B59FED65B662D7B9EF1959526924A5E5B97D4670B0	May 21, 2025
46	24A831850F71FE201A97EF7930469AC6CE89DBB503548D50F754F2315F31A000	May 21, 2025
47	4B52F35E280F4D0C99FB1CB52336AF67C9FEC1C30EC3ADAB94C4BE667BF550E5	May 21, 2025
48	EA8EAA3B90EC2263A6F24D5B268E0BA3C9DEB8CD7045D535A3E11A3325860310	May 21, 2025
49	CE4F04F1AF36EC0F2090A3345C6B2B3C7CC7F05DDCB6D127793E02EA46A6E426	May 21, 2025
50	0F7DC679C800BF346D5CC7ED8EA2C653644FFA6997650BCB9E0B3F438BFFB748	May 21, 2025
51	8FB6B9F69801540DC03A5A84ED022A908DABAEF66A1CB300A90345480C88184D	May 21, 2025
52	24F324D6C3DC035EE3605171515FE150D5F4B6FE1EB87DF1D429D86DBA8454DC	May 21, 2025
53	A115C5B1A5081752E458EAA08E7B82295509A1C1277A21CDD7E6F0258BE1371	May 21, 2025
54	D609B86446141B5E78DF5927ECA94B8E2502BB82010739E205CF65C804FA11B	May 21, 2025
55	28D2D9A09375B7E6053775FE6C91878C131ECB07935D5809528319C5F138B888	May 21, 2025
56	7CE454A6ACC8D741F246A5C9BA18BD069C25F1DEB6AB4F598D2BAF0A55BB176F	May 21, 2025
57	82738F206D592CF1053141A273886E6987B515397470DB147D20F03BF20357DD	May 21, 2025
58	CC93AAD583862E41CC76846BD8708EF98920F0FC6060618641256B93300F608E	May 21, 2025
59	28E7D0E85796E4598613AD01ED1140212AB1378147DC92BF98711734CDE0594C	May 21, 2025
60	51826B9D6DDDF9B0D72800122F64A51D33B73BE68934AB6FF105D4A66B09BC8B	May 21, 2025
61	26BE7517251A1EB079979756B33A78376BBE200B501C9324585AF906ABF14967	May 21, 2025
62	4084E6940289F1CC4AD8A35E524814328833455AD7CD33BB38EABFF0C124AEDD	May 21, 2025
63	8873A7125A9BFC4C865FBAD44FD4860D550CF731F93EAB84C900E7D5F52157F4	May 21, 2025
64	91036A69DB9CF93F71944F783B6F861C384AC06A3C4FA924A1A582BC14D09117	August 20, 2025
65	B6FD93A5FB8D2662E7B5CCDC035748A0590DCBF24E3ADD5AF0B32BA75C1788E9	August 20, 2025
66	A2C0915E613C5B6A0A2359CBCC8F6215F05A1D678D8D8C644BA029609E7E70D7	August 20, 2025
67	1004CB3E994CF8ABDA5DB9FB84FFC328DDB5C965EBFA42BF4B1E51CCF8338FDA	February 11, 2026
68	50CFE93384A691A04430FF563A689AB9D107C6C6A96D1E75B8D0140B29064892	February 11, 2026
69	2F1DD5D22EA0E98110F92EA164E06B59FCB97A1D5A5EFBD1EB78397D219D390E	February 11, 2026
70	23074ECA2D96C0C7159C80789AB55134113F0D3EC1236283BB39BE075E1CD6AC	February 11, 2026

#	SHA256 Fingerprint	Key Generation Date
71	FD4DA978FD899E9EB697C6A8336CFF1851081BEDC7B60022164AAC9A07D30E7B	February 11, 2026
72	84EEA2F7EEA5B8255E11BD38BAFE561CABB18AD7F2E016EA46B899FD1205BC59	February 11, 2026
73	969CF05CC745A2A54E888AC35FE4BF2655910220E16321B86D817DD0F97E94E6	February 11, 2026
74	ED1E7E0D37982875876B56CC4A54F5BF83B75FDF43FEDBB62C0C628FB871EDD8	February 11, 2026
75	405C2489D46E8B9D05ECD76F38F62F8197B21AFDD44EC5EFD15BF226B0891194	February 11, 2026
76	09E6E978BAA548C9ACBE37F1DA9506F68454D55B90F7397365F63BC00F37A430	February 11, 2026
77	67948EFF9D3431B136D22BA47B69771FB92A71EABAC6D21606290EEB498EC149	February 11, 2026
78	F5013E0B968BC08D84A437BE6B00C1C866FFF41DB3FDDFD4D98B7C6C457D3AC3	February 11, 2026
79	456D8F9E84A6F1EA4EF20E24CD262AEF74A995B7DCF66414CAA5730F239CE09E	February 11, 2026
80	37B3C6AC2B99BD8A7C47E6786E85439522C6F57C43416915AAC5FDD79491AA56	February 11, 2026
81	51CF04BD06F50F993881800BFF37958A51D8786B2298E7BD18F297C7BE26BC1D	February 11, 2026
82	872A190BD18322CA2A039DA1598C6BBB977CCE6D144F8C892814EDBEFFBBABBD	February 11, 2026
83	BE2AF1A250CA2D36905B9288DC48F2B3806E011562B4423615551D18A9253837	February 11, 2026
84	853BD7392AC8C373782BB27F6C1DC63AA76F75D2F87138FFBCE975C89718BBF1	February 11, 2026
85	99D1DE5076B415D710F04D2BF9D0C86B374BFA2E80FBC201B6EC0EF66DF541CC	February 11, 2026
86	E70240B6EDE633A2875F712A161594BB1063F7E8E3A5B86D52670296ED109837	February 11, 2026
87	4AB7AC5D68F1F25916D783CEC898DE8CE64DFD95A859A2FDE21D38EDC46780D9	February 11, 2026
88	AC4A8E5802F9DE0FB406190EC69446A4C201E2D9F965ECEDCD5B9A36AB101292	February 11, 2026
89	110B5617A8E06B225304631C95ED68D5048F149626FF1FA613C25CC1A2A51854	February 11, 2026
90	590A6D90E3A01555E89DD30D4B5EF9F270654437967B282156173F691E1727CF	February 11, 2026
91	55034516504839FEE922764D7454198CD6DCD34D52120BECE21E98B07F933EC9	February 11, 2026
92	0F34911DEF8FBB14AE4FCBA393D552B3A0D95AE5F4C81D845CE6C4A9F8A7E4CF	February 11, 2026
93	391E419E8553F6F861D4CC9195091C8976821ECA21AD61774B4C6BF7943F0D3E	February 11, 2026
94	8ADC96E5716F5551540FB81DA4810A0E3AE5CF05E42BF92D40281C495CC40A70	February 11, 2026
95	C9D32ECCFE6CD0DD9D7F811CC2F1608D3711BCA43EC5640BF3859077DCB99851	February 11, 2026
96	38A3CFAA907AB62B7ACA45CC5C9FE94033CF5E5E075B400F3EBF077568BF80D3	February 11, 2026
97	766ACDF857B1DFE605E3AAB7D42FBB68F63B67AE3ADB39C3F53E663101937009	February 11, 2026
98	E229272A53C24F490CF4F923E6A9D9A74E03CC2AFA4910343D6A600E0ABD784F	February 11, 2026
99	BC0DA4A795BA22F8A15B1E0337DF0C693D9F486BB1F8D8E9D6454A0BD1D50FA1	February 11, 2026
100	B03EF56D76C9CB8F2271E50B94393FBEFFEB849B310CB6AF8E5D7C48834E0120	February 11, 2026
101	DAB34715B1120D456A97CE7FD28553F47BDEFC7A89BCDE9080B8BC8276DF94C8	February 11, 2026
102	6C8E9A96C8C7A5634521FC3294270DE4BD48C23E581F3A4D0BABD0EE9E324024	February 11, 2026
103	D5144C71977AA07706E95FF9161D129F8EA63B275B531B65187D38739226D560	February 11, 2026
104	1E91AED0924864F8155EF7EE7EF9932C760E658B72E8053D2692418CFF005659	February 11, 2026
105	B212A370A39BF2A02CC760387D42E0D290206B49196094D9B2C5AA8D9EB5D4E9	February 11, 2026
106	18680270485A6603F0309591FE5FBADB0AEA14BA7F3CA41F22C301420B22B18E	February 11, 2026

#	SHA256 Fingerprint	Key Generation Date
107	649C4495FD9AFA61F13F5B240AF4EDCFC560DE10A9674D0FC04F8E67309ED32D	February 11, 2026
108	333DECBCA9BFC13AE3CC67668CD1BE756657265D1A742A71421FE22E386C5F41	February 11, 2026
109	4457AD09EA2D6B92BE91A5BC18650F6E11A8A1128CD1A58920B63492E171B682	February 11, 2026
110	6FA98E5A69E71D5B5A568AE18BD9568B4522C808AAFAF970F0AB51AD23DD640E	February 11, 2026
111	D11D2E80453B696DA34561298B45E0EC70E62CC14724A1BEDB6C1C68566EA8A3	February 11, 2026
112	F04D125303107E3787F0FEF2AFA9A729E909A58FA77F0435D45A23CDC44BC405	February 11, 2026
113	ABDAE9A83D4B7C372716424B4DF068E44DECFA85A1392B1172F9BDC34739A38C	February 11, 2026
114	3F44F14F97B29BD0CE015A7FE06DB3B1E169E592AA5F36C535288F0171AEFAC0	February 11, 2026
115	351131869AB31FF7FFC485DCAC3971D48A967AB9C4DAC33D905BFD156B5579B7	February 11, 2026
116	C9EF3920F005600E3982199500243335C03F2A061AA25DED50139E17FA5F74BE	February 11, 2026
117	88F507BA9C450A9A43F545B91A6ED08CB51DEEA6D1D0A9B5FD651EAB8B0B350D	February 11, 2026
118	3C373FB59B91B55DE05F8511FA4A7E1F6F5D369BEF5296E5959ABBB87A3BBF5D	February 11, 2026
119	ECEDF1047DE3C8FF89136B022F1CA2732EE69E560037ADB9E39E34C6FFFDE098	February 11, 2026
120	94DA228B3961237130962DC389B0377018FA71ADB4B470F4EB3F95F3E563654F	February 11, 2026
121	336007EE593E919CC802961AB1B980E4616E81CC5DB270E65D255EE5C4BB6587	February 11, 2026
122	7537B31AE86A4B3EB9255DF6B97AF0AF73F51DB8D2A211702E425DA915C34DC8	February 11, 2026
123	7305985BB5B15C3C946902A96AF48D9E6A73D1B7B3BC116060ECB296A2696337	February 11, 2026
124	F37D5AFAA0CB7D98C8BEDD5C87BA62ED760D15449B3799603FB281AEEDA12588	February 11, 2026