

## INDEPENDENT ASSURANCE REPORT

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 detailed in [Appendix C](#), throughout the period April 1, 2020 to March 31, 2021 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 in [Appendix A](#).
- ▶ Maintained effective controls to provide reasonable assurance that:
  - GlobalSign's applicable versions of its Certification Practice Statements are consistent with its Certificate Policies as enumerated in [Appendix A](#)
  - GlobalSign provides its services in accordance with applicable versions of its Certificate Policies and Certification Practice Statements as enumerated in [Appendix A](#)
- ▶ 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 2.2.1.](#)

GlobalSign does not escrow its CA keys. 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 2.2.1.](#)

## **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.

The firm applies International Standard on Quality Control 1, 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.

## **Auditor'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. This standard requires 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;
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.

## **Relative effectiveness of controls**

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**

Because of the nature and inherent limitations of controls, GlobalSign's ability to meet the aforementioned criteria may be affected. For example, controls may not prevent, or detect and correct, error, fraud, unauthorized access to systems and information, or failure to comply with internal and external policies or requirements. Also, the projection of any conclusions based on our findings to future periods is subject to the risk that changes may alter the validity of such conclusions.

## Opinion

In our opinion, throughout the period April 1, 2020 to March 31, 2021, GlobalSign management's assertion, as referred to above, is fairly stated, in all material respects, in accordance with the [WebTrust Principles and Criteria for Certification Authorities, Version 2.2.1](#).

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 2.2.1, nor the suitability of any of GlobalSign's services for any customer's intended purpose.

## 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.

EY Bedrijfsrevisoren BV  
Diegem, Belgium

Christel Weymeersch, Partner\*

June 30, 2021

\* Acting on behalf of a BV

Appendix A - Certification Practice Statements and Certificate Policies in Scope

Certification Practice Statement	Begin Effective Date	End Effective Date
<a href="#">Version 9.3</a>	31-Mar-20	07-July-20
<a href="#">Version 9.4</a>	07-July-20	30-Sept-20
<a href="#">Version 9.5</a>	30-Sept-20	29-Dec-20
<a href="#">Version 9.6</a>	29-Dec-20	30-Mar-21
<a href="#">Version 9.7</a>	30-Mar-21	

Certificate Policy	Begin Effective Date	End Effective Date
<a href="#">Version 6.3</a>	31-Mar-20	07-July-20
<a href="#">Version 6.4</a>	07-July-20	30-Sept-20
<a href="#">Version 6.5</a>	30-Sept-20	29-Dec-20
<a href="#">Version 6.6</a>	29-Dec-20	30-Mar-21
<a href="#">Version 6.7</a>	30-Mar-21	

## Appendix B - In-Scope CAs

Several CAs (refer to the column "Issuance during the period?") did not issue certificates during the period April 1, 2020 to March 31, 2021.

Root CAs				
#	Subject	Fingerprint SHA-256	Issuance during the period?	Additional information
1	CN = GlobalSign Root CA, OU = Root CA, O = GlobalSign nv-sa, C = BE	EBD41040E4BB3EC742C9E381D31EF2A41A48B6685C96E7CEF3C1DF6CD4331C99	Yes	
2	CN = GlobalSign, O = GlobalSign, OU = GlobalSign Root CA - R3	CBB522D7B7F127AD6A0113865BDF1CD4102E7D0759AF635A7CF4720DC963C53B	Yes	
3	CN = GlobalSign, O = GlobalSign, OU = GlobalSign ECC Root CA - R5	179FBC148A3DD00FD24EA13458CC43BFA7F59C8182D783A513F6EBEC100C8924	Yes	
4	CN = GlobalSign, O = GlobalSign, OU = GlobalSign Root CA - R6	2CABEAFF37D06CA22ABA7391C0033D25982952C453647349763A3AB5AD6CCF69	Yes	
5	CN = GlobalSign Root R46, O = GlobalSign nv-sa, C = BE	4FA3126D8D3A11D1C4855A4F807CBAD6CF919D3A5A88B03BEA2C6372D93C40C9	Yes	
6	CN = GlobalSign Root E46, O = GlobalSign nv-sa, C = BE	CBB9C44D84B8043E1050EA31A69F514955D7BFD2E2C6B49301019AD61D9F5058	Yes	
7	CN = GlobalSign Secure Mail Root R45, O = GlobalSign nv-sa, C = BE	319AF0A7729E6F89269C131EA6A3A16FCD86389FDCAB3C47A4A675C161A3F974	Yes	
8	CN = GlobalSign Secure Mail Root E45, O = GlobalSign nv-sa, C = BE	5CBF6FB81FD417EA4128CD6F8172A3C9402094F74AB2ED3A06B4405D04F30B19	No	
9	CN = GlobalSign Code Signing Root R45, O = GlobalSign nv-sa, C = BE	7B9D553E1C92CB6E8803E137F4F287D4363757F5D44B37D52F9FCA22FB97DF86	Yes	



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10	CN = GlobalSign Code Signing Root E45, O = GlobalSign nv-sa, C = BE	26C6C5FD4928FD57A8A4C5724FDD279745869C60C338E262FFE901C31BD1DB2B	No	
11	CN = GlobalSign Document Signing Root R45, O = GlobalSign nv-sa, C = BE	38BE6C7EEB4547D82B9287F243AF32A9DEEB5DC5C9A87A0056F938D91B456A5A	Yes	
12	CN = GlobalSign Document Signing Root E45, O = GlobalSign nv-sa, C = BE	F86973BDD0514735E10C1190D0345BF89C77E1C4ADB3F65963B803FD3C9E1FF	Yes	
13	CN = GlobalSign IoT Root R60, O = GlobalSign nv-sa, C = BE	36E80B78775DDA9D0BAC964AC29D5A5EC4F3684E0C74445E954A191C2939B8E0	No	
14	CN = GlobalSign IoT Root E60, O = GlobalSign nv-sa, C = BE	43ED443C1F0CD46C9914B4272C24DC42CF6FE62B4AAB37585878A26D882AE4CB	No	
15	CN = GlobalSign Timestamping Root R45, O = GlobalSign nv-sa, C = BE	2BCBBFD66282C680491C8CD7735FDBBAB7A8079B127BEC60C535976834399AF7	Yes	
16	CN = GlobalSign Client Authentication Root R45, O = GlobalSign nv-sa, C = BE	165C7E810BD37C1D57CE9849ACCD500E5CB01EEA37DC550DB07E598AAD2474A8	Yes	
17	CN = GlobalSign Client Authentication Root E45, O = GlobalSign nv-sa, C = BE	8B0F0FAA2C00FE0532A8A54E7BC5FD139C1922C4F10F0B16E10FB8BE1A634964	Yes	
18	CN = GlobalSign Timestamping Root E46, O = GlobalSign nv-sa, C = BE	4774674B94B78F5CCBEF89FDDEBDABBD894A71B55576B8CC5E6876BA3EAB4538	No	

Other CAs				
#	Subject	Fingerprint SHA-256	Issuance during the period?	Additional information
19	CN = GlobalSign, O = GlobalSign, OU = GlobalSign Root CA - R3	445EEC78BC61215044A0379656AA2D5DB5E42F76CB70B8D14C2077AA943D4EBB	No	Cross-certificate
20	CN = GlobalSign Root E46, O = GlobalSign nv-sa, C = BE	33EF151EFB08D1C44FB85CC3F23EC6873014E9F881691BD4938B7F251580B694	No	Cross-certificate
21	CN = GlobalSign Root R46, O = GlobalSign nv-sa, C = BE	A5E33C28E3013A71F5F760AE3B16595090043D2EC5209EC52903C4FBAD258DAD	No	Cross-certificate
22	CN = GlobalSign, O = GlobalSign, OU = GlobalSign ECC Root CA - R5	F349954E8FB6D44011BCB789D97D9A2CB2032BD5F0B598D1FB8A099F5848D523	No	Cross-certificate
23	CN = GlobalSign, O = GlobalSign, OU = GlobalSign Root CA - R6	C84E1378B974A991ACDCDD733421E3061E6FA21A0491C8902BAFDE3855E0063E	No	Cross-certificate
24	CN = GlobalSign Root E46, O = GlobalSign nv-sa, C = BE	1DF6054D6641404633641BB5FA3742FDA7D075E2514840AB61E00CCBBB7D341D	No	Cross-certificate
25	CN = GlobalSign Root R46, O = GlobalSign nv-sa, C = BE	A63C1398B5F8DD2D432FBE4C2C19142BEA6D5D0221FAE794718AE7597A CCA96D	No	Cross-certificate
26	CN = GlobalSign, O = GlobalSign, OU = GlobalSign ECC Root CA - R5	3F319B2AFED4A0F75127BE59925550D0428E68763A09E273EB6A9FF8D18DBB5B	No	Cross-certificate
27	CN = GlobalSign, O = GlobalSign, OU = GlobalSign Root CA - R6	DDA8DA736187D76F4F0ED5A5F667B54D99A98AE06091D0E3A01714E9221695AD	No	Cross-certificate
28	CN = GlobalSign Root E46, O = GlobalSign nv-sa, C = BE	0F1554C2FD591B0256A608E1C136A837E7A6E041561EE08A911B2AFDCD3C6C1B	No	Cross-certificate
29	CN = GlobalSign Root R46, O = GlobalSign nv-sa, C = BE	45CB1D874CB03BD5C5B6E079C8FC29E51521EE5628486301964A41F94BA59F88	No	Cross-certificate



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30	CN = GlobalSign Client Authentication Root E45, O = GlobalSign nv-sa, C = BE	F375270F2F216B9F62CC31795619F6FE1943DF65D1B198D3341170A40725BFC7	No	Cross-certificate
31	CN = GlobalSign Client Authentication Root R45, O = GlobalSign nv-sa, C = BE	3DA135562E942799D547CA72EA57D7AC03791B24D4E24BA2E1E1331E8A1678F0	No	Cross-certificate
32	CN = GlobalSign Code Signing Root E45, O = GlobalSign nv-sa, C = BE	E506B72BB97A14D24959A0D1A977E1ACDB6155D68FB4846885E544D147E7D577	No	Cross-certificate
33	CN = GlobalSign Code Signing Root R45, O = GlobalSign nv-sa, C = BE	05E0634B1FEB98AE6B4CF101728CF9D5A1793CEACE301506FF332B22D4CF08EB	No	Cross-certificate
34	CN = GlobalSign Code Signing Root R45, O = GlobalSign nv-sa, C = BE	6385DDCD1B768648267EE5122897CA085FC45D6030ECB55098F583AF152AA4A6	No	Cross-certificate
35	CN = GlobalSign Secure Mail Root E45, O = GlobalSign nv-sa, C = BE	5B87841E80AAFE877804E56694473DCA8BB9F1FF4FFCF885A3DAFD24463FCB64	No	Cross-certificate
36	CN = GlobalSign Secure Mail Root R45, O = GlobalSign nv-sa, C = BE	5268C94573AF66BA5A3DE979F2048DE43BD4B68AF0B73A2D639159FAFE637F69	No	Cross-certificate
37	CN = GlobalSign Timestamping Root R45, O = GlobalSign nv-sa, C = BE	6AFBC07C724C6F75C7743392F32BF5780BD5DD39268544D4882E7AEC1ADD0282	No	Cross-certificate
38	CN = GlobalSign Root CA, OU = Root CA, O = GlobalSign nv-sa, C = BE	6ADD368DA35458A09EDF880D0570E863ADC8507D49406B4D97E44E53BC9308C9	No	Cross-certificate
39	CN = GlobalSign, OU = GlobalSign Root CA - R3, O = GlobalSign	2510E248903F01B63F9398179E5506979F0EF507E4174B657AF6F770A417EC94	No	Cross-certificate
40	CN = GlobalSign, OU = GlobalSign ECC Root CA - R5, O = GlobalSign	0AED971671F8FE67EBA28817550AFEE946FDC2C52250003A6CFB87BC5AAD8A04	No	Cross-certificate





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41	CN = GlobalSign, OU = GlobalSign Root CA - R6, O = GlobalSign	75BFB522CC4B58DA22EE488517C5F2EFF92576D20F595F9ACE483A036FC 1BB6B	No	Cross-certificate
42	CN = GlobalSign, O = GlobalSign, OU = GlobalSign Root CA - R3	C94FEDDA4E8608908580BC7F87B434E03BB262E42F64C63820A8F50FB17 C1CEC	No	Cross-certificate
43	CN = CBMM GCC R3 SMIME CA 2020, O = COMPANHIA BRASILEIRA DE METALURGIA E MINERACAO, C = BR	F6F9C3FC5636C7E800EB1BDDFD33AAF98495C130DBF48F9BAF4AB7A1F66 5DFB4	Yes	
44	CN = CRB Group GCC R3 SMIME CA 2020, O = CRB Group, Inc., C = US	814179F36A71529C915C540261E44638E37A4FCE879740F0CE7351A8E92 91A03	Yes	
45	CN = DexKo Global GCC R3 SMIME CA 2020, O = DexKo Global Inc., C = US	D531F24E655D1F28A344BD3E0E9B141CE88A4139C61CBOCF5184EF2E2B9 531A7	Yes	
46	CN = DSigner GCC R3 SMIME CA 2020, O = DSIGNER, SOCIEDAD ANÓNIMA, C = GT	3FA4A9B65FDF6876FE668DFECC434932EBC254FD741119FC432A5989A08 5F320	Yes	
47	CN = European GNSS Agency Atlas R45 SMIME CA 2021, O = European GNSS Agency (GSA), C = CZ	F4EFE27C6B037747B3A89E23EE23C1B70A24DEB53B2E02F423BB0F73E18 22267	No	
48	CN = EY LLP GCC R3 SMIME CA 2020, O = Ernst & Young LLP, C = GB	3A093122808FFFA440E19824D0BC7CD6B01D8D8277F7F42FA16E80A0205 D4A7A	Yes	
49	CN = FIFCO Atlas R45 SMIME CA 2020, O = FIFCO, C = CR	80642AAC7C782BCDB0C3F6F385488F9BE3BB2DE30B863009E74B29F026C 9EAE6	No	
50	CN = GlobalSign Atlas R3 SMIME CA 2020, O = GlobalSign nv-sa, C = BE	479D6A0980722966237F06C41842EE796B55D4D00A0D663B785D48433A 29156E	Yes	
51	CN = GlobalSign Corporate IT Atlas R45 SMIME CA 2021, O = GlobalSign nv-sa, C = BE	7C4E78C74B4818D17EF8B8AB91E32DB4F7E3CE84A0C5E47AAA62AE39FA B60D01	Yes	



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52	CN = GROB-WERKE GmbH und Co. KG GCC R3 SMIME CA 2020, O = GROB-WERKE GmbH und Co. KG, C = DE	B75840FEA15C545335CD4BA58B707F53524CE984655AEBCC248A57E6F24 03A8B	Yes	
53	CN = HERTZ GCC R45 SMIME CA 2020, O = The HERTZ Corporation, C = US	013C13426B92F703BA573D9E16C2E35AECA26C60F606B88D3CE2150C94 D56C14	Yes	
54	CN = Hyperion GCC R3 SMIME CA 2020, O = Hyperion Services Ltd., C = GB	9537738522B6A87FCF8338CF270203CCF1A7770BB14BB23FA2882A05FFB 804E4	Yes	
55	CN = LinQuest GCC R3 SMIME CA 2020, O = LinQuest Corporation, C = US	DDD73ABF0259F18F77CA598C2745EA18243526B10D371D7E3B088D68C8 8C0A97	Yes	
56	CN = RWE Atlas R45 SMIME CA 2020, O = RWE AG, C = DE	BEE8FB99D7B9ECOCAF1B1A6ACFFEABD777E31CBAC2D0E1846BDAEC4D5 B18BE8	Yes	
57	CN = Spirit AeroSystems GCC R45 SMIME CA 2020, O = Spirit AeroSystems, Inc., C = US	90D87E23B012A357851472CE9F4E49201F67BA9EC1FB9CD236C0C5AAA1 5FFE9E	Yes	
58	CN = Trafigura PTE Ltd Atlas R45 SMIME CA 2020, O = Trafigura PTE Ltd, C = SG	36FCE16CC976727765DF5E9FADB12C544D704C35150D1F17DDE1A42A85 B88BE4	No	
59	CN = GlobalSign ECC HV S/MIME CA 1, O = GlobalSign nv-sa, C = BE	E0CE5C4EF5D2186963D2B04ADE4612BBAF787E16048A5B468F7367776C3 A03DE	No	
60	CN = CRB Group SMIME CA 2019, O = CRB Group, Inc., C = US	6A5F4C1678CA65E59F060D57CDFF665065314861D53A8E7D1450CA92D9 6CA102	Yes	Revoked on October 21, 2020
61	CN = LinQuest SMIME CA 2020, O = LinQuest Corporation, C = US	113138DD7B216725840238E2D7EEECB3738DB139064B24CB853FC270A4 9E6057	Yes	Revoked on November 18, 2020
62	CN = Trafigura PTE Ltd S/MIME ICA 2020, O = Trafigura PTE Ltd, C = SG	5E7FCB9C97BDA56993B1658D120232761D665A3644534300FA6A5BEC5E 0D5795	No	Revoked on July 11, 2020



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63	CN = GlobalSign SMIME CA 2018, O = GlobalSign nv-sa, C = BE	C8192C32F7B49C7F32A1CA001595A7F9E36C9E72058D6EAA1BAB7752A8 C16718	Yes	Revoked on September 16, 2020
64	CN = CBMM SMIME CA 2019, postalCode = 38183-903, street = RUA CORREGO DA MATA S/N, ST = MINAS GERAIS, L = ARAXA, O = COMPANHIA BRASILEIRA DE METALURGIA E MINERACAO, C = BR	C346D9137E05254C6EEAC99AC2F6748A0C5D3AFC6B7B9B1E00C40ADF4D 85655D	Yes	Revoked on November 18, 2020
65	CN = Google S/MIME Authority, ST = California, O = Google Inc, C = US	6A1745B31176FAC284420A2BCEF67B59E22A1D37753ABAF2CC51B2F572 922588	No	Revoked on December 09, 2020
66	CN = GROB-WERKE GmbH und Co. KG SMIME CA, O = GROB-WERKE GmbH und Co. KG, L = Mindelheim, ST = Bayern, C = DE	1608BF87414CDCFAB4279102A19702D9D5996A91329E3DF2F80495473A AD86C6	Yes	Revoked on October 21, 2020
67	CN = Hyperion SMIME CA 2018, O = Hyperion Services Ltd., L = London, ST = London, C = GB	DCD77E34B46D530AEF645A513389CD4FFC0F7D196A115B8F62A5FD0D55 7D46C6	No	Revoked on November 18, 2020
68	CN = GlobalSign HV S/MIME CA 1, O = GlobalSign nv-sa, C = BE	0F8EEFEC0D1FDBDA33BFEB41455110613CC5681E92B4BCB95610DA35FE1 F3C66	No	Revoked on April 16, 2020
69	2.5.4.97 = NTRBE-0459134256, CN = GlobalSign Atlas R45 Qualified Remote Signing CA 2020, O = GlobalSign nv-sa, C = BE	323F35F0DFB01D6B478C24026C66852AAD3E96DCB1C5BE17C1DA1EC47D 77CC87	No	
70	2.5.4.97 = NTRGB-04705639, CN = GlobalSign Atlas R45 UK Qualified Remote Signing CA 2020, O = GMO GlobalSign Ltd, C = GB	0958E7A84F392A4F3B7DC5E30FDC8DF733E69B44C68C16FC0DA1741C084 19DA0	No	



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71	CN = GlobalSign GCC R45 PersonalSign 3 CA 2020, O = GlobalSign nv-sa, C = BE	50161C1232F32E8057879F9C7651A9088F5AA1EF5AC9A9A4BD445C6E788EA6F8	Yes	
72	2.5.4.97 = NTRBE-0459134256, CN = GlobalSign GCC R45 Qualified Authentication CA 2020, O = GlobalSign nv-sa, C = BE	E042DA36AA8B9A290A525B63AFBBD42E3DBA8286F7100C7981799C6EF2F8919C	No	
73	2.5.4.97 = NTRBE-0459134256, CN = GlobalSign GCC R45 Qualified QSCD Signing CA 2020, O = GlobalSign nv-sa, C = BE	1B728D4A76506634A11007912F1D8C6B9AA39BE1AFCA49096657CF1FFB4513BF	Yes	
74	2.5.4.97 = NTRBE-0459134256, CN = GlobalSign GCC R45 Qualified Signing CA 2020, O = GlobalSign nv-sa, C = BE	4E1474CFEB41D048C7E1E2C975D69AD3FD739BD44577A80D0432F233D51C5C77	Yes	
75	2.5.4.97 = NTRGB-04705639, CN = GlobalSign GCC R45 UK Qualified Authentication CA 2020, O = GMO GlobalSign Ltd, C = GB	EEE8A6FBDE0B1340552AE739832A686FE96103435AE1FCE9392D655E00D8670D	No	
76	2.5.4.97 = NTRGB-04705639, CN = GlobalSign GCC R45 UK Qualified QSCD Signing CA 2020, O = GMO GlobalSign Ltd, C = GB	91F881C556A920B92C4C48221FAAC19615437CF4ACB7D079C0B426BF3483B3AE	No	
77	2.5.4.97 = NTRGB-04705639, CN = GlobalSign GCC R45 UK Qualified Signing CA 2020, O = GMO GlobalSign Ltd, C = GB	F5E9E2705AB0C93E80652D2DEB573AB01D6700597BDA122BC08BA97FDC713368	No	
78	CN = GlobalSign R45 AATL Root CA 2020, O = GlobalSign nv-sa, C = BE	B296DC3BCF451217D7AD4F84FB8EE25CC92FC659CAFA0EB4A8B5B4DB3D0215C2	Yes	



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79	CN = InComm Agent Solutions Inc Atlas Issuing CA 2020, O = InComm Agent Solutions Inc, C = US	4DFD9A61EB32208A94F15719FF2EC71449BCB0F344C18D5D1D3994A6C30 EC92E	Yes	
80	CN = NAESB GCC R45 Client Authentication CA 2020, O = GMO GlobalSign Inc., C = US	5EBD04144508FADD1B9DB79FF62B826D6FF893987B1534C0F8EEC2261D6 AC452	Yes	
81	CN = Accenture Federal Services GCC R3 Global CA 2020, O = Accenture Federal Services LLC, C = US	9D61B40ECFE094B415FBF6AEEA1FDB27A1A4C3B6FD9008D768777D6D7FB AAEE9	Yes	
82	CN = Ford Motor Company - Enterprise Issuing CA01, ST = Michigan, L = Dearborn, O = Ford Motor Company, C = US	7B96DA88C60AE48624F480217865FEB124719022F49E58EE830B3E93D36 D9AEF	Yes	
83	CN = GlobalSign CA for AATL - SHA384 - G4, O = GlobalSign nv-sa, C = BE	ACOAB963BB5F3DA05FBC8687F98C2B6EA0BB499E6118C1A9136B1BC7C3 C71A6B	Yes	
84	CN = GlobalSign GCC R3 PersonalSign 1 CA 2020, O = GlobalSign nv-sa, C = BE	583C7FC250856B7F947FC7CC076FE216273CA1713D122C2E5D8F6038FD6 E3562	Yes	
85	CN = GlobalSign GCC R3 PersonalSign 2 CA 2020, O = GlobalSign nv-sa, C = BE	F0DBB9E90E6643CCB23660147E5DE24760440089D96F4AD0D82F66C3E7D A5C20	Yes	
86	CN = InComm Agent Solutions Inc Root Certificate Authority, O = InComm Agent Solutions Inc, ST = Florida, C = US	ECF5DC23556585AE8F9CE5BA0955F982AFF77E975F84C53F4A098626C20 BFE5A	Yes	
87	CN = JCAN Public CA1 - G4, OU = JCAN Public CA1 - G4, O = JIPDEC, C = JP	9AC4C8E358C095C998122ADD17A336C0AC597ECBECB7EDC3F58A75040C F94A5F	Yes	



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88	CN=Quáalitas Compañía de Seguros S.A. de C.V. GCC R3 CA 2020; O=Quáalitas Compañía de Seguros S.A. de C.V.; C=MX	795A8468D098E3729E6A17920AA6D8F27E84DC180F85C9B28A77FB368D CC7895	Yes	
89	CN = GlobalSign CA for AATL - SHA256 - G2, O = GlobalSign nv-sa, C = BE	AA89C466E9D06882C0DAAF72BE0F0FBCFE7C1EF2AAAD190640C4AD44F5 517F34	No	
90	CN = GlobalSign Primary SHA256 CA for Adobe, OU = GlobalSign CDS, O = GlobalSign nv-sa, C = BE	8B8AAA67E1EB067303F09E17A505CE7B6CA1C8DC0E1DB59D982B579C69 D644E1	No	
91	CN = AbbVie Atlas R6 AATL ICA 2020, O = AbbVie, Inc., C = US	6509F94BCA4DC619F3E732D533ACD3D0F10ABA102A13123B6AF737C8E1 2DAA21	Yes	
92	CN = DPDHL User CA I5, O = Deutsche Post AG, C = DE	163B5F69720164075C16CE760A93C85D5073CD5A0D41C7A3AFB0B5E75B 3DC646	Yes	
93	CN = Giesecke and Devrient CA, OU = Corporate CA, O = Giesecke and Devrient, L = Munich, C = DE	A53FB60B6C9CEC1175C729BB8A34D1AA1DA85AF234E41603621D983940 026400	Yes	
94	CN = Giesecke and Devrient CA, OU = Corporate CA, O = Giesecke and Devrient, L = Munich, C = DE	4AB23AF5233FD65FBD981973515A7379C76B9B852A5B4E35890B7F60D1 923A4F	Yes	
95	2.5.4.97 = NTRBE-0459134256, CN = GlobalSign Atlas E45 Qualified Remote Signing CA 2020, O = GlobalSign nv-sa, C = BE	5CB0FDEF052BD18A0A40ADA2235F46EB42B6D0993ED5A50DE47E3EA12F F191B1	No	
96	2.5.4.97 = NTRGB-04705639, CN = GlobalSign Atlas E45 UK Qualified Remote Signing CA 2020, O = GMO GlobalSign Ltd, C = GB	B89EBBFC57AE60653C676B8EB399DC9415BBB738CB0370651A86BFF075C 83A39	No	



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97	CN = GlobalSign Atlas R45 AATL CA 2020, O = GlobalSign nv-sa, C = BE	65573E11BB13C6ED115E0B90E2C30B1E4DE4D5CAC1B31EAB2D417C32A3DA5D79	No	
98	CN = GlobalSign Atlas R6 AATL CA 2020, O = GlobalSign nv-sa, C = BE	96D0E059827A7C99BA5CF586D1B77397A3C83777C467BF1914762AE16ABE3834	Yes	
99	CN = GlobalSign CA for AATL - SHA256 - G3, O = GlobalSign nv-sa, C = BE	2E8820DC0EAFAE3D6D285C057ECE14470B377438B002CEDD4C72B4F343A54F43	No	
100	CN = GlobalSign E45 AATL Root CA 2020, O = GlobalSign nv-sa, C = BE	87903E20623512D28BDBFACE4D41BD50F5BA6B1B2E8CCAB134CE161769EAEC00	No	
101	2.5.4.97 = NTRBE-0459134256, CN = GlobalSign GCC E45 Qualified Authentication CA 2020, O = GlobalSign nv-sa, C = BE	5F2155F9A7444615C673994CDA99E963BB558A367B20305520E93D15EF3AF4E8	No	
102	2.5.4.97 = NTRBE-0459134256, CN = GlobalSign GCC E45 Qualified QSCD Signing CA 2020, O = GlobalSign nv-sa, C = BE	8115E2CB4F04E56EA70EA932D0622831DD53B22BF6A93B3ACD9125FAB0374AF1	No	
103	2.5.4.97 = NTRBE-0459134256, CN = GlobalSign GCC E45 Qualified Signing CA 2020, O = GlobalSign nv-sa, C = BE	35E9429CDE680D8D5311CDD46FAEF0AEE694B0556C3D69C4F670E243D64C87FE	No	
104	2.5.4.97 = NTRGB-04705639, CN = GlobalSign GCC E45 UK Qualified Authentication CA 2020, O = GMO GlobalSign Ltd, C = GB	1DBC5465732AC3232FF12641C2898EA0F239D06186DD1B085496ABC6E5BD07F2	No	



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105	2.5.4.97 = NTRGB-04705639, CN = GlobalSign GCC E45 UK Qualified QSCD Signing CA 2020, O = GMO GlobalSign Ltd, C = GB	712C42F3C0FA3BDF A11B22AC9811C8EB912C4B464B43C705825DEEDC11 95AD33	No	
106	2.5.4.97 = NTRGB-04705639, CN = GlobalSign GCC E45 UK Qualified Signing CA 2020, O = GMO GlobalSign Ltd, C = GB	28CB8EE23E7BDBBF40B2959A57BB589991C2635CD3B71AAB0E84F993C5 59D29F	No	
107	CN = GlobalSign GCC R45 AATL CA 2020, O = GlobalSign nv-sa, C = BE	BCF8D9040635C95E84F9FEDDF36F9422C0D215C23798E9C2D5F3798ECF2 7B68A	No	
108	CN = GlobalSign GCC R6 AATL CA 2020, O = GlobalSign nv-sa, C = BE	75CC6021036890EAC71853FAE8382CF8DB33DC41706F42AAFE421E98AD 38174C	Yes	
109	CN = Statoil Qualified CA, O = Equinor ASA, C = NO, DC = statoil, DC = com	0A665640BE77300E0DF23752F324499E132A99A7E5A81879AA9E58B65F5 01C97	Yes	
110	CN = Statoil Qualified CA, O = Statoil ASA - 923609016, C = NO, DC = statoil, DC = com	5E297C0107659C8068CC7674635E56F74D05BFD6E687D3075FC48C7E8FF 70D95	Yes	
111	CN = Trusted Root nonTLS CA SHA256 G3, O = GlobalSign nv-sa, C = BE	3A30D4A3043F195609E30F747754699CC6CC97E1F5FCB83DE87E659E579 E39AD	Yes	
112	CN = Ford Motor Company - Enterprise Issuing CA01, ST = Michigan, L = Dearborn, O = Ford Motor Company, C = US	DE8D9CED3CBD78B1F05DE90225D0B693D3296FB5611E179FDB1B2A7BF89 3F236	Yes	Expired on December 31, 2020





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113	CN = DPDHL User CA I3, O = Deutsche Post, L = Bonn, ST = Nordrhein-Westfalen, C = DE	57D8F8E4F1DE9F44DFAC8443DA0205F1B8AA7E6DB75459943B74D89B39 09BCA3	Yes	Revoked on September 16, 2020
114	CN = Trafigura PTE DocuSign CA, O = Trafigura PTE, C = SG	0C3B69672EBABE1F96CAF3CBE598F7747C01F78014AF651191950D673FD 91784	Yes	Expired on September 20, 2020
115	CN = Ford Motor Company - Enterprise Issuing CA01, ST = Michigan, L = Dearborn, O = Ford Motor Company, C = US	4C241CFE3D3FFB60CA88D6B06A552AB1CF0EF7D8D2E08DA15282B55192E BBD29	Yes	Parent revoked on July 11, 2020
116	CN = DPDHL User CA I3, O = Deutsche Post, L = Bonn, ST = Nordrhein-Westfalen, C = DE	2E0191751CA0CBA81C3A6338DEE1A02B8D6BCC4F1F8261B809BCCE7ABA F1A43D	Yes	Parent revoked on July 11, 2020
117	CN = Intertek Document Signing Authority, O = Intertek Group plc, C = GB	9571BFEA2F1F572EEE34F9EE99F5E55CC7A2EC3A1B4B52B7C32A228482B 6CC57	Yes	Expired on August 01, 2020
118	CN = RISE Signing CA, O = RISE Research Institutes of Sweden AB, OU = IT, L = Goteborg, ST = Vastra Gotalands Lan, C = SE	DCEB06E046A76706BD1D928FA2DB893DB550D2973914843C5CC5DBE2D9 D9B79D	Yes	Expired on August 01, 2020
119	CN = IHI-EC International Corporation, O = IHI E&C International Corporation, C = US	DC1983F14B0096FB12A6D82B4822730D238779CA0543C43C015F249249 564D4D	Yes	Expired on July 31, 2020
120	CN = DPDHL User CA I3, O = Deutsche Post, L = Bonn, ST = Nordrhein-Westfalen, C = DE	AF1898D7F0638751C075D0142D4E2A0EA731FC622324F153FE1BF3B6AFD 9AF13	Yes	Parent revoked on July 11, 2020

121	CN = DPDHL User CA I3, O = Deutsche Post, L = Bonn, ST = Nordrhein-Westfalen, C = DE	EBE87BB4188502709F444055259ABB22BC51B88C908419A13559DFC8EF6630D1	Yes	Expired on July 09, 2020
122	CN = RTI SHA256 CA - G2, O = RTI International, ST = NC, C = US	5F7C6E6041DAA513CBFE3D4E07FDC84E230DA21AF2DE186460C9EC0481516DAB	No	Expired on June 27, 2020
123	CN = Noble Energy SHA256 CA - G2, O = Noble Energy, Inc., L = Houston, ST = Texas, C = US	FA51FE39F0F316E92412E1170118E2D62A8E4ADA0F88EC237F3CE631F70BE298	No	Expired on June 27, 2020
124	CN = Giesecke and Devrient CA, OU = Corporate CA, O = Giesecke and Devrient, L = Munich, C = DE	0F7F0A51DE1E5AE3E4B36647AE09BA59E36C773E308DC16268F4228AF527D710	Yes	Expired on April 30, 2020
125	2.5.4.97 = NTRBE-0459134256, CN = GlobalSign Qualified Authentication ECC CA 2020, O = GlobalSign nv-sa, C = BE	110CFA9601734984AB975D1069C6E45983E8AC1B9074FD489BAC2E2EFD140E2	No	Revoked on July 08, 2020
126	2.5.4.97 = NTRBE-0459134256, CN = GlobalSign Qualified QSCD Signing ECC CA 2020, O = GlobalSign nv-sa, C = BE	5A65CA143019485BDD714A0285371C00426C0C67097C7939939E488819224A29	No	Revoked on July 08, 2020
127	2.5.4.97 = NTRBE-0459134256, CN = GlobalSign Qualified Remote Signing ECC CA 2020, O = GlobalSign nv-sa, C = BE	AEB217DC3CB735F7A4D17C4983D316153FA23960586F1E2F0BFDD9F60DA043FB	No	Revoked on July 08, 2020
128	2.5.4.97 = NTRBE-0459134256, CN = GlobalSign Qualified Signing ECC CA 2020, O = GlobalSign nv-sa, C = BE	11476A7C474022CC44D3E5D5952B587A7D940D25EA7EA959FE640B2CA9F7BFF9	No	Revoked on July 08, 2020



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129	CN = AbbVie AATL ICA 2020, O = AbbVie, Inc., C = US	154E4834B28D4FB1F90FEE935D0DDE46C45A177FC1425A028C685C32855 A85AD	No	Revoked on August 19, 2020
130	CN = GlobalSign AATL Partners CA 2019, O = GlobalSign nv-sa, C = BE	83FC891B350D9E0D7EBE6DD2A6BFE3D0B0F4653FCA048615A5DEEBBC039 A3F66	No	Revoked on August 19, 2020
131	CN = GlobalSign Issuing CA for AATL Partners 2019, O = GlobalSign nv-sa, C = BE	67C46DC17762667844F1596089375FF45E05C2B316C89499F6E7FAB78C8 F0379	No	Revoked on August 19, 2020
132	CN = GlobalSign PersonalSign Partners CA - SHA256 - G2, O = GlobalSign nv-sa, C = BE	118262C2088EE1528E20D836D2070854707C0D8F8E80FBE396F9ECD4B91 41B5B	No	Revoked on September 30, 2020
133	CN = Quálitas Compañía de Seguros S.A. de C.V., postalCode = 05200, street = JOSE MARIA CASTORENA No. 426, SAN JOSE DE LOS CEDROS, ST = CIUDAD DE MEXICO, L = CUAJIMALPA, O = QUALITAS COMPAÑIA DE SEGUROS S.A. DE C.V., C = MX	B716B089FE4E53D1A2EF7BA57AC85E68EC722CF61052C25A59626AD3B1 5C5F40	Yes	Revoked on October 21, 2020
134	CN = DPDHL User CA I4, O = Deutsche Post AG, C = DE	C25C4EDBC36E3FB7C3D937BEE9F2D29E36AFB07CFA3188262E0D5FDC919 E0D77	Yes	Revoked on November 18, 2020
135	CN = GlobalSign CA 6 for AATL, O = GlobalSign nv-sa, C = BE	BE1FFC0E1FF6088104F43E327E7C7DC72A9CA7B0DF05793123ABE32DEAC EE76F	Yes	Revoked on December 31, 2020
136	CN = GlobalSign PersonalSign Partners CA - SHA256 - G2, O = GlobalSign nv-sa, C = BE	4E707867946AC05343C6BA8FF121EA66A758037913257A8EE4974350D3 9A1034	No	Revoked on January 21, 2021
137	CN = GlobalSign CA 4 for AATL, O = GlobalSign nv-sa, C = BE	EBA34C7B109671614C367E1DE075124C3954CE19F85FACF61090EC319F7 F1A7F	Yes	Revoked on December 31, 2020



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138	CN = GlobalSign Qualified CA 1, O = GlobalSign nv-sa, C = BE	F5709A2D2F68B53BF6F645BB178ADF95346F89FDA5C63BFDE08042A2649 2AAB2	Yes	Revoked on February 24, 2021
139	CN = GlobalSign Qualified CA 2, O = GlobalSign nv-sa, C = BE	FD3A0F3DD4480092B6D450473DEB9201A0B308A8807833A3C738F8A07E B81ED3	No	Revoked on July 08, 2020
140	CN = GlobalSign Qualified CA 3, O = GlobalSign nv-sa, C = BE	0AA9F2E7D95C718B7D1EB7CCDBD0164E86057AE9D66922BC60F9903F94 A0F0EF	No	Revoked on July 08, 2020
141	CN = GlobalSign PersonalSign 2 CA - SHA256 - G4, O = GlobalSign nv-sa, C = BE	27D6FDAF80297846DFEFF82E7F58B9A48AC9E3EE93A112B1BBE243EE1A9 7447C	No	Revoked on July 11, 2020
142	CN = GlobalSign PersonalSign 2 ECC CA SHA 384 - G4, O = GlobalSign nv-sa, C = BE	46038F6326228CDB56619C52266613DA04C8CA499E0D03B0EDCFFC110D 5CFC70	No	Revoked on July 28, 2020
143	CN = GlobalSign PersonalSign 2 RSA CA SHA 384 - G4, O = GlobalSign nv-sa, C = BE	5CDD809CF44F5F8665EAC15055504C5B06B787AC18294505BDBAB4A77E 50D776	Yes	Revoked on July 28, 2020
144	CN = GlobalSign CA 4 for AATL, O = GlobalSign nv-sa, C = BE	9DDC2E0D55B461E0C73228282DF56B2BEF224CA2385681D17B6E8C0778 52573C	Yes	Revoked on July 08, 2020
145	CN = GlobalSign CA 5 for AATL, O = GlobalSign nv-sa, C = BE	306E9739E3458FF4546877B704B2E3905E58B235D64E32F4F026AC91B72 95D15	Yes	Revoked on December 31, 2020
146	CN = JCAN Sub Root CA0, OU = JCAN Sub Root CA0, O = JIPDEC, C = JP	8FA602FFF590DF583A36D509C265F6C3EA8C34A9D56CFF86285FBFE9936 BFC55	No	Revoked on December 31, 2020
147	CN = JCAN Public CA1 - G4, OU = JCAN Public CA1 - G4, O = JIPDEC, C = JP	7B464DC384FDB1A525C2CC279ED0C7CFAD24BECF72C46A7D7093D157C2 17607E	Yes	Parent revoked on July 11, 2020
148	2.5.4.97 = NTRBE-0459134256, CN = GlobalSign Qualified Authentication CA 2020, O = GlobalSign nv-sa, C = BE	61D152180C8BB668A37DE25F24641807443CBBBD50C1BCFF3E07058162A2 64448	No	Revoked on July 08, 2020



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149	2.5.4.97 = NTRBE-0459134256, CN = GlobalSign Qualified QSCD Signing CA 2020, O = GlobalSign nv-sa, C = BE	BAB082319000C0C103185D75135DA328ACA013E8F70F356833620D2480 0CD4C7	No	Revoked on July 08, 2020
150	2.5.4.97 = NTRBE-0459134256, CN = GlobalSign Qualified Remote Signing CA 2020, O = GlobalSign nv-sa, C = BE	2ABF6447B72ECB572DA30B27CD8D2069033AF045714AC458DA0789E962 3E260F	No	Revoked on July 08, 2020
151	2.5.4.97 = NTRBE-0459134256, CN = GlobalSign Qualified Signing CA 2020, O = GlobalSign nv-sa, C = BE	A686AD3494BEB5ADC479C280BF156D3F87109F7866F88511E93D753EA3 DD55E9	No	Revoked on July 08, 2020
152	CN = NAESB Issuing CA - SHA384 - G4, O = GMO GlobalSign Inc., C = US	C4C7C436BD88E8E68DB00297DF83ACC819E198639BA00522C8E3245876 898523	Yes	Revoked on February 24, 2021
153	CN = GlobalSign CA 2 for AATL, O = GlobalSign nv-sa, C = BE	A13820A7387BDFAD204463EFA9216416639B7E73C31DC2F499F53FCD4D 4D25C4	Yes	Revoked on December 31, 2020
154	CN = GlobalSign CA 3 for AATL, O = GlobalSign nv-sa, C = BE	C01963059070CB2306F4B486CCF1503359209E98499C810C2B49E26E31A 4BD74	Yes	Revoked on December 31, 2020
155	CN = GlobalSign PersonalSign 2 CA - SHA256 - G3, O = GlobalSign nv-sa, C = BE	B778748A792B8F91F04B01BAFC31A31ED7EF6A712AFF80B6610D9AADEE2 07ADF	Yes	Revoked on February 24, 2021
156	CN = GlobalSign PersonalSign 1 CA - SHA256 - G3, O = GlobalSign nv-sa, C = BE	F5D2D2BA6817A7A9AA0E21354BBF0E6F95C5E287EE88CF2F279F0FFEC4E DAC15	Yes	Revoked on February 24, 2021
157	CN = GlobalSign PersonalSign 3 CA - SHA256 - G3, O = GlobalSign nv-sa, C = BE	701B432AC0CDD4D9CF95B4B884C32BF5CCA90D44E0161ABD13B934D68E 380472	Yes	Revoked on February 24, 2021
158	CN = GlobalSign PersonalSign 1 CA - G3, O = GlobalSign nv-sa, C = BE	F068DEAA18CC02D5A8BE35CB8338327910291F6E62E7216A934764A1AB A4A800	No	Revoked on July 28, 2020



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159	CN = GlobalSign PersonalSign 1 CA - G3, O = GlobalSign nv-sa, C = BE	254BE91C1ABCB28DB5E4D675A29A1E788460B06591F1BA8497CBD17837E27ABE	No	Revoked on June 30, 2020
160	CN = GlobalSign PersonalSign 2 CA - G3, O = GlobalSign nv-sa, C = BE	64E71601F7050921DEE039C03493615E488F12FC3FCECBADF438AA467EE1D41A	No	Revoked on June 30, 2020
161	CN = GlobalSign PersonalSign 3 CA - G3, O = GlobalSign nv-sa, C = BE	B1FE3AEBF963A7880E74B0B0556681EA8B1CCCE3E69A7D3B10A68ACBE86E48A1	No	Revoked on July 28, 2020
162	CN = GlobalSign PersonalSign 3 CA - G3, O = GlobalSign nv-sa, C = BE	C228D93DBE5536A120AC24ED934467BAD7292F8B7EB202634B17070A89C5FE9B	No	Revoked on July 30, 2020
163	CN = EY LLP SHA256 CA - G2, O = Ernst & Young LLP, C = GB	1557F65BA61C958B74EFA4A582BBAEBDD62A6D9B65FE95A80D5ED518F46ED87F	Yes	Revoked on December 31, 2020
164	CN = HERTZ SHA256 CA - G2, O = The HERTZ Corporation, ST = Florida, C = US	64FD7F66B805EF0FAE09DAC06EAD1A9AB5C28E6F24AD0759996D349987FEE7E2	No	Revoked on October 21, 2020
165	CN = DPDHL User CA I3, O = Deutsche Post, L = Bonn, ST = Nordrhein-Westfalen, C = DE	F037621405E0F356507E239FADD647842D3B50857C3CFF840859174F72F6FD18	Yes	Revoked on July 11, 2020
166	CN = Ford Motor Company - Enterprise Issuing CA01, ST = Michigan, L = Dearborn, O = Ford Motor Company, C = US	3802E424516F78EEAC329AAE9B1F60A412DBE1D5B095D7AC9DC0DCDDE3C1F5FB	Yes	Parent revoked on July 11, 2020
167	CN = JCAN Public CA1 - G3, OU = JCAN Public CA1 - G3, O = JIPDEC, C = JP	91E98D0947C125494EAAF2A38D087BE0781AF20D8A14EE8C39FECDC482CF5F82	No	Revoked on December 31, 2020



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168	CN = Accenture Federal Services External CA, O = Accenture Federal Services LLC, ST = DE, C = US	A9C8E971259A2ED6E65F721E07AA967C72C7CDB47C7BE1288D87BF08D2F3580D	Yes	Revoked on December 31, 2020
169	CN = Spirit AeroSystems SHA256 CA - G2, O = Spirit AeroSystems, Inc., ST = KS, C = US	8609BDCEF95E4A4D426497B5CD8ED4B001C953A5C14471CAAF58FB650DF8ABF0	Yes	Revoked on November 18, 2020
170	CN = CareFirst SHA256 CA - G2, O = CareFirst, Inc., ST = MD, C = US	CF9B7EF7B437F7E4709A0507E5C5871690021D64F3B8FCE703EC85C85AE8FA29	No	Revoked on May 20, 2020
171	CN = Giesecke and Devrient CA, OU = Corporate CA, O = Giesecke and Devrient, L = Munich, C = DE	632FD697BACAF1ED232517EC9B7622B7C25E1448B0CC626B33286719E351CE8A	Yes	Parent revoked on July 11, 2020
172	CN = NCDOR SHA256 CA - G2, O = Department of Revenue, ST = NC, C = US	C647C537F7E3D280948D40800AEF8F534254F74A12168E3630E760D71675BE3B	No	Revoked on May 20, 2020
173	CN = Statoil Qualified CA, O = Statoil ASA - 923609016, C = NO, DC = statoil, DC = com	50CA2C8DFDCA8FB17F5FD447A86B24E263DD9F1D4FC77E899DD8CD9136943FCC	Yes	Parent revoked on July 11, 2020
174	CN = Statoil Qualified CA, O = Statoil ASA - 923609016, C = NO, DC = statoil, DC = com	2A480810310EA0CB659031A20D4E4A3C1000EF34526234964DFE9C656C45BCD	Yes	Parent revoked on July 11, 2020
175	CN = NAESB Issuing CA - SHA384 - G3, O = GMO GlobalSign Inc., L = Portsmouth, ST = New Hampshire, C = US	128DED1A8AD60C24B4254E31DB94FC4392BF93ED5434472AA43A0B9856106068	No	Revoked on July 28, 2020

176	CN = NAESB Issuing CA - SHA384 - G3, O = GMO GlobalSign Inc., L = Portsmouth, ST = New Hampshire, C = US	0986B5A1C7314EFB04FB648B9E2B57CF4842FD1D4345D28E52094C90A9F ECBFE	No	Revoked on September 30, 2020
177	CN = VWFS CA for AATL, O = Volkswagen Financial Services (UK) Limited, C = GB	CF89A41DFEE5F71740DEF602735DDBF1DEBE0CB816D73980D9A583C5881 CE778	No	Revoked on May 20, 2020
178	CN = InComm Agent Solutions Inc Root Certificate Authority, O = InComm Agent Solutions Inc, ST = Florida, C = US	2A5EAD8B41A7CDDC126B10ED248A2EEFEDA855660342F222A38CC6605D 443E22	Yes	Parent revoked on July 11, 2020
179	CN = DPDHL User CA I3, O = Deutsche Post, L = Bonn, ST = Nordrhein-Westfalen, C = DE	BCE3A5BD8D9082636C5BFE3E0B71ACEE551E24E3BD035887D2661ADA65 AFF484	Yes	Parent revoked on July 11, 2020
180	CN = Intertek Document Signing Authority, O = Intertek Group plc, C = GB	91F4860A68760E55F4F2158478E67F958BD637B7C0FB6093E9E904DFA46 AC334	Yes	Revoked on December 01, 2020
181	CN = DexKo Global SMIME CA 2019, O = DexKo Global Inc., C = US	ABC86706C98D6BF67372F908EC01ADF631B191D733AE89F8343EB047B10 8144B	No	Revoked on October 18, 2020
182	CN = GlobalSign PersonalSign 2 CA - G3, O = GlobalSign nv-sa, C = BE	925EE7D5A22AD7FBE9BAB54D7C8D0B9A74F7E35A8AF6AF645E2E8C3519 A7092F	No	Revoked on July 28, 2020
183	CN = GTS Root R1, O = Google Trust Services LLC, C = US	3EE0278DF71FA3C125C4CD487F01D774694E6FC57E0CD94C24EFD769133 918E5	No	Google Cross-certificate *

\* 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. Accordingly, the examination by Ernst & Young, did not extend to controls exercised on certificates issued by any external registration authorities.





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DV SSL Issuing CAs				
#	Subject	Fingerprint SHA-256	Issuance during the period?	Additional information
184	CN = GlobalSign Domain Validation CA - SHA256 - G3, O = GlobalSign nv-sa, C = BE	09BC1B137C031239EF788673E94EB17F5F3ECAB07D3ADBFB485E75ABFAAF3B9A	Yes	
185	CN = Soluti CA - DV, O = SOLUTI - SOLUCOES EM NEGOCIOS INTELIGENTES S/A, C = BR	5C452334D9C9C9A2EA42CC77A7165E1795EE9D84EB70CB784B47EA9D92A582D9	Yes	
186	CN = Valid Certificadora Digital AlphaSSL CA 2018, O = VALID CERTIFICADORA DIGITAL, C = BR	04DE47A9CDD3091CFC5EF6AAA3B7D4B53E13C4D4DC02364F6C0B408742EC3C76	Yes	
187	CN = Valid Certificadora Digital SSL DV CA 2018, O = VALID CERTIFICADORA DIGITAL, C = BR	FCF26FBC1B2A25A76AB4EA92B2CBEF367E0131091C802DA49898F78AE54B30F8	Yes	
188	CN = AlphaSSL CA - SHA256 - G2, O = GlobalSign nv-sa, C = BE	8C2410F76B149CA062B420AB611B6BFOA06E6E799A29587E4D4EC16D0537B7EA	Yes	
189	CN = AlphaSSL CA - SHA256 - G2, O = GlobalSign nv-sa, C = BE	EE793643199474ED60EFD8CCDE4D37445921683593AA751BBF8EE491A391E97	Yes	
190	CN = GlobalSign Domain Validation CA - SHA256 - G2, O = GlobalSign nv-sa, C = BE	BFD4CF3F143AD0DB912D8AB3A7C12F617B9EA60CE8B1F4E44F74270FB21B19B	Yes	
191	CN = GlobalSign Atlas ECCR5 DV ACME CA H1 2021, O = GlobalSign nv-sa, C = BE	E7757BB0C4942ADC108D092A17B812B1043E06A094DD5E214920325556FC6924	No	
192	CN = GlobalSign Atlas ECCR5 DV TLS CA 2020, O = GlobalSign nv-sa, C = BE	72132ECF2F8C75B5F214C00ED14562E14912B7F2F4D2633180F3E4918980FEC4	No	



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193	CN = GlobalSign Atlas ECCR5 DV TLS CA 2020-12, O = GlobalSign nv-sa, C = BE	6F335DD7CD4AAA1D9140F290E9E7B3498A7CC35A244AA300E146BA2D9D02B960	No	
194	CN = GlobalSign Atlas R3 DV ACME CA H1 2021, O = GlobalSign nv-sa, C = BE	70F5C63C4F112837AB99870B0ECB5D722EEA0B0D0DDB9320B98B99B9BD137866	No	
195	CN = GlobalSign Atlas R3 DV TLS CA 2020, O = GlobalSign nv-sa, C = BE	B65FE6A1BF2D52FF68B7D3E9D0F06B300A1C3F248309B70405CA7BDEC054BDDD	Yes	
196	CN = GlobalSign Atlas R3 DV TLS CA 2020-12, O = GlobalSign nv-sa, C = BE	59F5FF92B608A0119FF1DD7C603E0EB16F4FEAD9D4717AC3BC62D286AE399CDA	No	
197	CN = GlobalSign Domain Validation CA - SHA256 - G2, O = GlobalSign nv-sa, C = BE	37D080A5E9A526663E56EE20DE4BD9F7952DACC341491439080167AD5DD18CAC	Yes	
198	CN = GlobalSign GCC R3 DV TLS CA 2020, O = GlobalSign nv-sa, C = BE	762538439509C411C437D3C567563E1378671281FC4A1464ADD031870843676E	Yes	
199	CN = AlphaSSL CA - SHA256 - G2, O = GlobalSign nv-sa, C = BE	5A817EADA4AD78734EBB2CF674352D97F4352290C40EAF10E764B1EAC075B0E6	No	
200	CN = AlphaSSL CA - SHA256 - G2, O = AlphaSSL	933E4A2D8DB1FF9FF0E508EA7F1637E074F660FE6F365A2233DFC2B52C889D98	No	
201	CN = GlobalSign Domain Validation CA - SHA256 - G2, O = GlobalSign nv-sa, C = BE	669E7727A92BE72D9718E16922DC1BC1492B1AF33FA4793E68D8778F19A2EBE0	Yes	
202	CN = GlobalSign HV ECC DV SSL CA 2018, O = GlobalSign nv-sa, C = BE	4B0D1392D39157353207A64CCB14683DDE9D2CED1FB58B16E038BE5707C27813	No	Revoked on July 08, 2020



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203	CN = GlobalSign HV RSA DV SSL CA 2018, O = GlobalSign nv-sa, C = BE	54C37A8E853FD1D6378D378B939307EC321A31CC1A5A89E7180633BC13 F18762	Yes	Revoked on October 21, 2020
204	CN = GlobalSign RSA DV SSL CA 2018, O = GlobalSign nv-sa, C = BE	9E898ED03FA46969690DAD73C7296675045FF9B5A0100A399BEB8435A9 8F5185	Yes	Revoked on January 20, 2021
205	CN = Soluti CA - DV, O = SOLUTI - SOLUCOES EM NEGOCIOS INTELIGENTES S/A, L = Goiânia, ST = Goiás, C = BR	A74FFFF528471905385073ADF3997019B26F4FAF24BCE9102A272E7A448 4E4BC	No	Revoked on July 11, 2020
206	CN = AlphaSSL CA - SHA256 - G3, O = GlobalSign nv-sa, C = BE	4C013B8854689CB6626CC087B4D4FCCA45104E2D73BFADF33A6979ED12 4B7837	No	Revoked on December 09, 2020
207	CN = SHECA DV Secure Server CA, ST = Shanghai, L = Shanghai, O = Shanghai Electronic Certificate Authority Center Co., Ltd., C = CN	393B8B15CABC3886FB2E416495D63C8BADD8DCAF87552076C8A0A9637C 24DE47	Yes	Parent revoked on July 11, 2020
208	CN = Valid Certificadora Digital AlphaSSL CA 2018, O = VALID CERTIFICADORA DIGITAL, OU = VALID AlphaSSL, L = SÃO PAULO, ST = SÃO PAULO, C = BR	385135AB18DD190A03BCC0601ACA6F83CEA366642791EBE0A2FDB059C2 F7750A	No	Parent revoked on July 11, 2020
209	CN = Valid Certificadora Digital SSL DV CA 2018, O = VALID CERTIFICADORA DIGITAL, OU = VALID SSL DV, L = SÃO PAULO, ST = SÃO PAULO, C = BR	62B48F51E5868676FD79B9DD9DB98BA928494BA734403C583393C42CE0 0AD448	No	Parent revoked on July 11, 2020



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210	CN = Cloudflare ECC DV CA, O = Cloudflare, Inc., L = San Francisco, ST = CA, C = US	0F4517487FDOA8BA3194A6122450A7B32C987FFF16F2D4AF54E6EDB6FED68E08	No	Revoked on September 16, 2020
211	CN = Cloudflare RSA DV CA, O = Cloudflare, Inc., L = San Francisco, ST = CA, C = US	D439F88E8F2F80A306F910DCDE548D71BBFD99A85FC7034EFB610E3749550932	No	Revoked on September 16, 2020
212	CN = AlphaSSL CA - G2, O = AlphaSSL	1DCA65B86A57336BA5AFB7214A36F7D6EDE698EB4F03387CB3AD6BBD3A93BAB6	No	Revoked on December 09, 2020
213	CN = GlobalSign Domain Validation CA - G2, O = GlobalSign nv-sa, C = BE	E87EA2BED6C6203B2C55B00FE49D2876FBA64702105AEB748B865A918B5C7D27	No	Revoked on December 09, 2020
214	CN = GlobalSign Domain Validation CA - G2, O = GlobalSign nv-sa, C = BE	BA0E2B6BF2C98ED2C3B1C1C08A1BBDCAF9270AC528A3194301DD2A0B6B67B9B3	No	Revoked on December 09, 2020
215	CN = GlobalSign Domain Validation CA - G2, O = GlobalSign nv-sa, C = BE	4E153A588877688F1A0C103A084C2EDB3AD1D8C480CF03D8AB6FED47D9204370	No	Revoked on December 09, 2020
216	CN = GlobalSign Atlas R3 AlphaSSL CA H1 2021, O = Globalsign nv-sa, C = BE	1ABC5AD5BC3911A5B4A91E42BBA3212E2AA3DC80147EFE1D49572E4BE0532633	No	

OV SSL Issuing CAs				
#	Subject	Fingerprint SHA-256	Issuance during the period?	Additional information
217	CN = GlobalSign Organization Validation CA - SHA256 - G3, O = GlobalSign nv-sa, C = BE	699D54B7482A5D329331EA0415CC2EDCD60FDA01D19E71D054196BCE0677735C	Yes	



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218	CN = Prodrive Technologies B.V. OV SSL Issuing CA, O = Prodrive Technologies B.V., C = NL	580BB3AB127F5E13E940AE7365E3C69A62AD204D7FDFA451592FE7C47D C02A95	Yes	
219	CN = SHECA OV Secure Server CA, O = Shanghai Electronic Certificate Authority Center Co., Ltd., C = CN	AD7B58C3C5D9586BE5B62799C2792C4111C9852A96F7B0607221265713 957E1C	Yes	
220	CN = Soluti CA - OV, O = SOLUTI - SOLUCOES EM NEGOCIOS INTELIGENTES S/A, C = BR	AB74B1411AD23E2227FB88A2A9304A1A45A5C4840B3635F1036A46E837 4279AC	Yes	
221	CN = Valid Certificadora Digital SSL OV CA 2018, O = VALID CERTIFICADORA DIGITAL, C = BR	6B4F9DE13678846730D50E914A08E7BE9B742CA3A0A7D5393367830B93 A6F553	Yes	
222	CN = ATT Atlas R3 OV TLS CA 2020, O = ATT Services Inc, C = US	DC2728331312E75C4D7B442F3BDDA790CB77A9D6AC854D5BCE18AC43CA 59909A	Yes	
223	CN = CrowdStrike GCC R3 TLS OV CA 2020, O = CrowdStrike Inc., C = US	78CB512DE48CEDCD7134DF57C973C1E1A07692B8F542A44ACEBB8BB776 D55D59	Yes	
224	CN = DPDHL Global TLS CA - I5, O = Deutsche Post AG, C = DE	32A4E554E363116FE48E22F01DAC1736752A71C720F99F462D565022D3B AD07D	Yes	
225	CN = GlobalSign Atlas ECCR5 OV TLS CA 2020-12, O = GlobalSign nv-sa, C = BE	2EB8A1317288F08233E6883CEBE67EA6A0989E22ACA42C58D59F5A834E 02C513	No	
226	CN = GlobalSign Atlas R3 OV TLS CA 2020-12, O = GlobalSign nv-sa, C = BE	A6032CC352F1E2E3628E162A3047BC7D647E2D601A2C0F26CAAF9AAF7A 54239C	No	
227	CN = GlobalSign CloudSSL CA - SHA256 - G3, O = GlobalSign nv-sa, C = BE	4B7334E1D8999822BAFA8FF6888125389B18A4E5AB26FFA624C7F68FDC8 1FOCB	Yes	



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228	CN = GlobalSign CloudSSL CA - SHA256 - G3, O = GlobalSign nv-sa, C = BE	E0C2EBD1F6BAD4FEAAE31A3107E69ABEE902DB38B9DFBE33F0570BDA3494C20A	Yes	
229	CN = GlobalSign ECC CloudSSL CA - SHA384 - G3, O = GlobalSign nv-sa, C = BE	B0CD6AE7B9E20EC5F830FEE01F666D5D90E6E229D06BC46A30ACCEDFEC889648	Yes	
230	CN = GlobalSign ECC OV SSL CA 2018, O = GlobalSign nv-sa, C = BE	87C71553445EB3C33C3E0710711B99E9C7773F04D91AC38A9F4C082EE24101EA	Yes	
231	CN = GlobalSign ECC384 SSL CA - G3, O = GlobalSign nv-sa, C = BE	DC6C44AC8A3CD5C3451273F4431526B2EF666062EE763258A928F60BD08E39FE	No	
232	CN = GlobalSign Organization Validated CA - SHA256 - G4, O = GlobalSign nv-sa, C = BE	1E1741A12EB8DA2BD76EA96C04F520359839710F620E80952F48DD0240A12CD8	Yes	
233	CN = GlobalSign Organization Validated ECC CA - SHA256 - G4, O = GlobalSign nv-sa, C = BE	65EEC0CC6C970CC1CD73659115DC8D904E6F12E6DC8FD4DDA39D54CB30224780	Yes	
234	CN = GlobalSign Organization Validation CA - SHA256 - G2, O = GlobalSign nv-sa, C = BE	1C9737E968AD9DFF8D8D7FCF996A144BB97851A19011A0190C943CAE8D43CFE0	Yes	
235	CN = GlobalSign RSA OV SSL CA 2018, O = GlobalSign nv-sa, C = BE	B676FFA3179E8812093A1B5EAFEE876AE7A6AAF231078DAD1BFB21CD2893764A	Yes	
236	CN = ICPEdu, O = Rede Nacional de Ensino e Pesquisa - RNP, C = BR	D5E84D9A677E6CDA72DD1C1BA7AD8DDFC25EFAC220C8A9571CEC27C107555702	Yes	
237	CN = GlobalSign Organization Validation CA - SHA256 - G2, O = GlobalSign nv-sa, C = BE	74EF335E5E18788307FB9D89CB704BEC112ABD23487DBFF41C4DED5070F241D9	Yes	



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238	CN = GlobalSign Organization Validation CA - SHA256 - G2, O = GlobalSign nv-sa, C = BE	0B339212D7CFF17A2C59E35669B58E77350133750A78DA9404770EDD470DEF76	Yes	
239	CN = RNP ICPEdu OV SSL CA 2019, O = Rede Nacional de Ensino e Pesquisa - RNP, C = BR	88FC18BD071BE1FBC53FFBC801F03F5B2C4DA87BBA0C098E2B4808F19EAB05FE	Yes	
240	CN = Trusted Root TLS CA SHA256 G3, O = GlobalSign nv-sa, C = BE	91F19CE503C9FE7FF9587D8EFBEF7315AAEE77DC2D14526126493B4AD6FE801F	Yes	
241	CN = GlobalSign CloudSSL CA - SHA256 - G3, O = GlobalSign nv-sa, C = BE	E155EBF96334E79AE2E287D55CFC9185DE24935A653F13C5BA05AFF818771BC6	No	
242	CN = GlobalSign CloudSSL CA - SHA256 - G3, O = GlobalSign nv-sa, C = BE	C2E4236DB1B757B51B77921388EFA823E6A600FD4BDA30B63AB77886F25618B7	No	
243	CN = ATT Organization Validated CA 2019, ST = Texas, L = Austin, OU = ATT Business Wi-Fi Services, O = ATT Services Inc, C = US	7AA45D6F5B14DAB1C6844C19C2804E14B5811E6EDE1F02B0AEF065A7B359C68F	Yes	Revoked on September 30, 2020
244	CN = DPDHL Global TLS CA - I4, ST = Nordrhein-Westfalen, L = Bonn, O = Deutsche Post AG, C = DE	94C663E9EA5C27EE4F64127F9B425863E991A9E156C07DF1A00803AE31764162	Yes	Revoked on September 30, 2020
245	CN = CrowdStrike OV SSL Issuing CA 2020, O = CrowdStrike Inc., C = US	AE03B9AD17106A28785830B1DCD636797C4C64D81CB8D161595DBAF83433E64C	No	Parent revoked on July 11, 2020
246	CN = Trusted Root CA G2, O = GlobalSign nv-sa, OU = Trusted Root, C = BE	6E32A35B599E9087BB1AB35CE73022EC2E26AF34BE388919419C95700CD8E7FB	No	Revoked on July 11, 2020



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247	CN = Trusted Root CA SHA256 G2, O = GlobalSign nv-sa, OU = Trusted Root, C = BE	01FD73EF5E70F526FC9C11F65FE2EE6F7125B3693949227FFD8E459E583C 458A	Yes	Revoked on July 11, 2020
248	CN = Beame.io CA 2, O = Beame.io Ltd, L = Tel Aviv-Jaffa, ST = Tel Aviv, C = IL	CF6E6B82C997CB5CC1A55066AF5F60CAAC77594EB106FB4D498BC50ECDE B8A3A	No	Parent revoked on July 11, 2020
249	CN = RNP ICPEdu OV SSL CA 2019, ST = Rio de Janeiro, L = Rio de Janeiro, OU = Gerencia de Servicos (GSer), O = Rede Nacional de Ensino e Pesquisa - RNP, C = BR	42CFDDA6F660B8E5B4C1C411965A4519312559E3262F8DB69D2DAE17B2 6B3BA3	Yes	Parent revoked on July 11, 2020
250	CN = Soluti CA - OV, O = SOLUTI - SOLUCOES EM NEGOCIOS INTELIGENTES S/A, L = Goiânia, ST = Goiás, C = BR	E6E929C8456C014E8DA733ACE4E9814552272B81176050A13EA45A8232 00B14B	Yes	Revoked on July 11, 2020
251	CN = SHECA OV Secure Server CA, ST = Shanghai, L = Shanghai, O = Shanghai Electronic Certificate Authority Center Co., Ltd., C = CN	77EAC476453CB732257FF166A5EBD1656CB1F673B68E28DF41774133979 FA2A4	Yes	Parent revoked on July 11, 2020
252	CN = Valid Certificadora Digital SSL OV CA 2018, O = VALID CERTIFICADORA DIGITAL, OU = VALID SSL OV, L = SÃO PAULO, ST = SÃO PAULO, C = BR	600E97601B0BBC5F056F04EEF671EF580F2A8583C6D2D3FAD401B9D820A A8836	Yes	Parent revoked on July 11, 2020





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253	CN = Prodrive Technologies B.V. OV SSL Issuing CA, O = Prodrive Technologies B.V., OU = IT Services, L = Son, ST = Noord-Brabant, C = NL	398B1499CE00A25F61CAC3D8BEE571601880823EF288BE9772A4D133984 22595	Yes	Parent revoked on July 11, 2020
254	CN = GlobalSign Organization Validation CA - G2, O = GlobalSign nv-sa, C = BE	A66422C4E449D465CB023A7FC7633DE8ED1816985CA41093FC96B3663E D7A43B	No	Revoked on December 09, 2020
255	CN = GlobalSign Organization Validation CA - G2, O = GlobalSign nv-sa, C = BE	082B243047BF00F584401F538B504BAE9EC060E007FFF28B159C0841706 8654E	No	Revoked on December 09, 2020
256	CN = Beame.io CA 1, O = Beame.io Ltd, L = Tel Aviv-Jaffa, ST = Tel Aviv, C = IL	43263913B483EB6F0B020540F8F7BE0A1D7C9CE7652FE0FB4743D721339 3551C	Yes	Parent revoked on July 11, 2020
257	CN = ICPEdu, O = Rede Nacional de Ensino e Pesquisa - RNP, OU = Gerencia de Servicos (GSer), L = Rio de Janeiro, ST = Rio de Janeiro, C = BR	EACBA6C96598B4A41FD53D69AB9ED9FBBB1381154C453456720C174FFE 576D1D	Yes	Parent revoked on July 11, 2020
258	CN = Beame.io CA 1, O = Beame.io Ltd, C = IL	0D36F6A2299E9E268F94ADB49E57E6717D713C3F47B889C40DCDC8CFE94 0CB80	Yes	
259	CN = GlobalSign Organization Validation CA - G2, O = GlobalSign nv-sa, C = BE	A6233ECB77053F72937E894372A601ED3ABEA90CC3B5D89512720BF3FFC BDC9D	No	Revoked on December 9, 2020

EV SSL Issuing CAs				
#	Subject	Fingerprint SHA-256	Issuance during the period?	Additional information
260	CN = Soluti CA - EV, O = SOLUTI - SOLUCOES EM NEGOCIOS INTELIGENTES S/A, C = BR	11FBA4A7EE579C70E1D57F9F9B6A8C209E1219C4F1D3846F83FFCE74E9E5E2CE	Yes	
261	CN = Valid Certificadora Digital SSL EV CA 2018, O = VALID CERTIFICADORA DIGITAL, C = BR	8AEFEBD88BE87A30B19C60C5BD0FB5E9FBCD15D5582D5FC9A7499578D68DCECO	Yes	
262	CN = GlobalSign Atlas E46 EV TLS CA 2020, O = GlobalSign nv-sa, C = BE	364DF25CC88F6FB0202C02CD9B8EA02DFE8AC02341EFF5A9DFFC5BE159ED5991	Yes	
263	CN = GlobalSign Atlas R46 EV TLS CA 2020, O = GlobalSign nv-sa, C = BE	E1E15D289697AF3285BF34112A3E60BC11C0C8122DD2B9B3420AB2E5E57883CA	Yes	
264	CN = GlobalSign Atlas R6 EV TLS CA 2020, O = GlobalSign nv-sa, C = BE	BCE7091355D2417A37F8CFE2AC8F17C2748888BA0EEA90000FC980ECFC2D041F	Yes	
265	CN = GlobalSign ECC EV SSL CA 2018, O = GlobalSign nv-sa, C = BE	8F19FFE02FC795ED70765D1436ADDF772FE0F0773DA436EDBDB42A2E30E2E828	Yes	
266	CN = GlobalSign ECC384 EV SSL CA - G3, O = GlobalSign nv-sa, C = BE	15549187490314F5177641F0BEB32634AA1230EB2CF2C28AD9C73914FB18ABAO	No	
267	CN = GlobalSign Extended Validation CA - SHA256 - G3, O = GlobalSign nv-sa, C = BE	AED5DD9A5339685DFB029F6D89A14335A96512C3CACC52B2994AF8B6B37FA4D2	Yes	
268	CN = GlobalSign R6 RSA EV SSL CA 2019, O = GlobalSign nv-sa, C = BE	57264B82A864DBA1C11EF3F80ABB94CAC3660662B0C22F571FF993B3FBCF76FB	Yes	Revoked on July 08, 2020

269	CN = GlobalSign ECC EV SSL CA 2019, O = GlobalSign nv-sa, C = BE	0D3176C58F321AA34C57C8DF7C17D1F4E76C797EC116C9F1D697748ED1F CE7D9	No	Revoked on July 08, 2020
270	CN = GlobalSign RSA EV SSL CA 2019, O = GlobalSign nv-sa, C = BE	0D6E46784F3B694E9C7506786417BC6F87F9D2F73D19B5E8081612B2113 7B766	Yes	Revoked on July 08, 2020
271	CN = Soluti CA - EV, O = SOLUTI - SOLUCOES EM NEGOCIOS INTELIGENTES S/A, L = Goiânia, ST = Goiás, C = BR	BB170B39784D02784325CEA938D92314C617DDE808C867E33E2AD161D5 4B3E8A	Yes	Parent revoked on July 11, 2020
272	CN = SHECA EV Secure Server CA, ST = Shanghai, L = Shanghai, O = Shanghai Electronic Certificate Authority Center Co., Ltd., C = CN	147C447FEEB86202B503314FCAF0036BEAAEF437C39B56B358EC446A9D2 0387F	No	Parent revoked on July 11, 2020
273	CN = GlobalSign EC Administration CA2, O = GlobalSign nv-sa, C = BE	C883B3ECC6AC0DEE75CDD585E73A209287BC0C9F9D79D488860F63E2EA 8A7D2C	Yes	Revoked on December 09, 2020
274	CN = Valid Certificadora Digital SSL EV CA 2018, O = VALID CERTIFICADORA DIGITAL, OU = VALID SSL EV, L = SÃO PAULO, ST = SÃO PAULO, C = BR	27FA1BE4F4B56A142A47A56A7E94B72502059B4022E4623E748CA1EF151 CF222	Yes	Parent revoked on July 11, 2020
275	CN = GlobalSign Extended Validation CA - SHA256 - G2, O = GlobalSign nv-sa, C = BE	5BB2382D20E09AE56B4F3A5157838F7BAE49E42E3CE53484D66EEB2C074 7EF4A	No	Revoked on January 20, 2021
276	CN = GlobalSign R6 Admin CA - SHA256 - G3, O = GlobalSign nv-sa, C = BE	C5B679106958152F83FB5886DDC41F0785193EF67C6975BE3E509F17F29 B7A86	Yes	Revoked on July 08, 2020



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277	CN = GlobalSign GCC E46 EV QWAC CA 2020, O = GlobalSign nv-sa, C = BE	AA76C50166CD1B865B78D795C2C87A48D4A6229E65F8B38DBD005154EB2ED2DC	No	
278	CN = GlobalSign GCC E46 UK EV QWAC CA 2020, O = GMO GlobalSign Ltd, C = GB	8814C0688344DE0F21AD1BD076E9F3248AF430E4FE760952E3A150DFAEDCE016	No	
279	CN = GlobalSign GCC R3 EV QWAC CA 2020, O = GlobalSign nv-sa, C = BE	D4A5941C7141ED1949A0C6CE9DD45A0AB94DC337902EB0A1209852738EEBE854	Yes	
280	CN = GlobalSign GCC R3 UK EV QWAC CA 2020, O = GMO GlobalSign Ltd, C = GB	A33017D9DF494C09D58709107403AEE461B9461E81BA395C28C36693C27D1986	No	
281	CN = GlobalSign RSA EV QWAC CA 2019, O = GlobalSign nv-sa, C = BE	EDC734C501501DC7A27448FA02C74931F8578BF297B173F34B841E82C6691926	Yes	Revoked on February 24, 2021
282	CN = GlobalSign GCC E5 EV QWAC CA 2021, O = GlobalSign nv-sa, C = BE	0DD2C7E0AF8200F49F4192A89AE634D4CE41B80C63B0629CC68E538C316F020E	No	
283	CN = GlobalSign GCC E5 UK EV QWAC CA 2021, O = GMO GlobalSign Ltd, C = GB	0966A88729C938F9DCD65BB3C63B608618EAE5183ED1FED752B323089687A20E	No	



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Non-EV Code Signing Issuing CAs				
#	Subject	Fingerprint SHA-256	Issuance during the period?	Additional information
284	CN = GlobalSign GCC R45 CodeSigning CA 2020, O = GlobalSign nv-sa, C = BE	74D499A72D0BA5D4DDEC55805ECF157C891E45E5D490A19DC5FD4476954E774B	Yes	
285	CN = GlobalSign CodeSigning CA - G3, O = GlobalSign nv-sa, C = BE	4047C9D69260C07213BCB8608A7EC5E2838A56B79F67847812EAC0778D0D27F1	Yes	
286	CN = GlobalSign CodeSigning CA - G2, O = GlobalSign nv-sa, C = BE	FFFE077503FD72F0E5338B0A7B4E218E7D1FF82E493E7E852AE51AA1C7585D17	No	
287	CN = GlobalSign CodeSigning CA - SHA256 - G2, O = GlobalSign nv-sa, C = BE	BE40813869AB27A071D12AD6A8830583EBC3B618E3F2346359F4B11A1C9434EE	No	
288	CN = GlobalSign CodeSigning CA - SHA256 - G3, O = GlobalSign nv-sa, C = BE	FB54EEA9BCE8E9EA9782154F3D414277FB709F49B947D73978AC278546C2CE03	Yes	



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EV Code Signing Issuing CAs				
#	Subject	Fingerprint SHA-256	Issuance during the period?	Additional information
289	CN = GlobalSign GCC R45 EV CodeSigning CA 2020, O = GlobalSign nv-sa, C = BE	CDOE144DD10BAC221FE2FB901058D16450A0578B3C47C770908F2E9ADA28EF12	Yes	
290	CN = GlobalSign Extended Validation CodeSigning CA - SHA256 - G2, O = GlobalSign nv-sa, C = BE	1E864278C20881B671C0C6D2E14B61150AD1F13CF92C6EC14B550DCBC47E1541	No	
291	CN = GlobalSign Extended Validation CodeSigning CA - SHA256 - G3, O = GlobalSign nv-sa, C = BE	DD038E87E0B4D2C369680D3DE78638AB39FC1D7E50632996921101768DB8D4D8	Yes	

Timestamp CAs				
#	Subject	Fingerprint SHA-256	Issuance during the period?	Additional information
292	2.5.4.97 = NTRBE-0459134256, CN = GlobalSign Atlas R45 Qualified Timestamping CA 2020, O = GlobalSign nv-sa, C = BE	D86E6264D58E4CA78AF419740D8186EA8EC48F0C33B4B4D7CA027931D627B1C8	Yes	
293	2.5.4.97 = NTRGB-04705639, CN = GlobalSign Atlas R45 UK Qualified Timestamping CA 2020, O = GMO GlobalSign Ltd, C = GB	4C03F2D6941F2DFCA27EDC599F385E6CD3FFD0CC842F2CCB95B77580A2D1FF93	No	



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294	CN = GlobalSign Qualified Time Stamping CA 2019, O = GlobalSign nv-sa, C = BE	74ABE5E5CCEB75491FF72C4CF325405D8ADBF390E189CF430BA60E62798878E	No	
295	CN = GlobalSign Partners Timestamping CA - SHA384 - G4, O = GlobalSign nv-sa, C = BE	2A015531A5F3A4CE589BD853C71DD069587322F574D85C9C9B9F9DF8F86C075E	Yes	
296	CN = GlobalSign Timestamping CA - SHA384 - G4, O = GlobalSign nv-sa, C = BE	F642418E4D0C63DEC785C960EFA68BA745F38851744EF81F225CB89305314D50	Yes	
297	2.5.4.97 = NTRBE-0459134256, CN = GlobalSign Atlas ECCR5 Qualified Timestamping CA 2020, O = GlobalSign nv-sa, C = BE	E55A4FE881A4B0433674EC0E5CC261A99CCE3FEF649528C7218085BEDCD11512	No	
298	2.5.4.97 = NTRGB-04705639, CN = GlobalSign Atlas ECCR5 UK Qualified Timestamping CA 2020, O = GMO GlobalSign Ltd, C = GB	40382F8827B75D25705A6B3DA32533C5F4218BD7FA697CB0B300E8F47047FBC9	No	
299	CN = GlobalSign Partners TSA CA for AATL, O = GlobalSign nv-sa, C = BE	7E8F914119BB1090D6204908E5AE1F40BE24C1491CD7D5CFB6A93618CBC00FD9	No	
300	CN = GlobalSign Timestamping CA - G3, O = GlobalSign nv-sa, C = BE	95C6A747DD0BC755A1941827E894B8083592241B792541E2EB1B30FB9B13F57F	No	
301	CN = GlobalSign Timestamping CA - SHA256 - G3, O = GlobalSign nv-sa, C = BE	BE33D1C57EBDDD927B57BDB604BE457B552FE568E7F3DCBA093C39ED1C30A239	No	



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302	CN = GlobalSign TSA CA for AATL, O = GlobalSign nv-sa, C = BE	4D8EB49380EC72AC9FDF21FE1C6DB2E9490C76BEADD1F7B528C3CCD272C8FE28	No	
303	CN = GlobalSign Timestamping CA - SHA256 - G2, O = GlobalSign nv-sa, C = BE	9BF9496777D14425ED0086C1BB2C0707B62A61C194C5162E4F07637AFF166B76	No	
304	CN = GlobalSign Timestamping CA - R3, O = GlobalSign, OU = Timestamping CA	61C1067083AE044EF1D649CE590BBF09D9D739E025DA8D195F71CFAAD6EBAE69	No	
305	CN = GlobalSign Timestamping CA - G2, O = GlobalSign nv-sa, C = BE	C977923C771E1A66C925A2B6F501732E678DC9887AFE6BFAAC039D1D9A71F0EC	No	
306	CN = GlobalSign Timestamping CA, O = GlobalSign, OU = Timestamping CA	D0CAE6947BC77F0B495CA808D6CDE685FCD20225E1E530B635B113ED40728EF3	No	
307	2.5.4.97 = NTRBE-0459134256, CN = GlobalSign Qualified Timestamping ECC CA 2020, O = GlobalSign nv-sa, C = BE	C2FEACD674878C7B0C2325A2ECED0A333DB7780A86DFEC3758100EFC0101C665	No	Revoked on July 08, 2020
308	2.5.4.97 = NTRBE-0459134256, CN = GlobalSign Qualified Timestamping CA 2020, O = GlobalSign nv-sa, C = BE	FD8B39230117A7E4D060E39489F4FE30662BAFE624A29E43B133615BABC63C20	No	Revoked on July 08, 2020



## Appendix C - Locations

Location Identifier	Country	State / Province
BE-01	Belgium	Vlaams-Brabant
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	National Capital Region
RU-01	Russia	Moscow
SG-01	Singapore	Central Singapore
SG-02	Singapore	Central Singapore
UK-01	United Kingdom	Kent
UK-02	United Kingdom	Greater London
UK-03	United Kingdom	Greater London
US-01	United States	New Hampshire

#### Appendix D - Publicly disclosed incidents

#	Disclosure	Publicly Disclosed Link
1	GlobalSign: SSL Certificates with US country code and invalid State/Prov	<a href="#">Bugzilla Ticket Link</a>
2	GlobalSign: ICAs in CCADB, without EKU extension are listed in WTCA report but not in WTBR report	<a href="#">Bugzilla Ticket Link</a>
3	GlobalSign: Failure to revoke noncompliant ICA within 7 days	<a href="#">Bugzilla Ticket Link</a>
4	GlobalSign: OCSP Status HTTP 530	<a href="#">Bugzilla Ticket Link</a>
5	GlobalSign: Misissuance of QWAC Certificates	<a href="#">Bugzilla Ticket Link</a>
6	GlobalSign: Failure to revoke 2 noncompliant QWACs within 5 days	<a href="#">Bugzilla Ticket Link</a>
7	GlobalSign: Certificate issued with RSASSA-PSS public key	<a href="#">Bugzilla Ticket Link</a>
8	GlobalSign: Failure to revoke key-compromised certificate within 24 hours	<a href="#">Bugzilla Ticket Link</a>
9	GlobalSign: Incorrect OCSP Delegated Responder Certificate	<a href="#">Bugzilla Ticket Link</a>
10	GlobalSign: Cross Certificate with non-conforming CABF Policy OIDs	<a href="#">Bugzilla Ticket Link</a>
11	GlobalSign: Failure to revoke noncompliant ICA within 7 days	<a href="#">Bugzilla Ticket Link</a>
12	GlobalSign: Use of Domain Validation Random Value for more than 30 days	<a href="#">Bugzilla Ticket Link</a>
13	GlobalSign: Failure to revoke noncompliant certificates within 5 days	<a href="#">Bugzilla Ticket Link</a>
14	GlobalSign: Certificates with RSA keys where modulus is not divisible by 8	<a href="#">Bugzilla Ticket Link</a>
15	GlobalSign: Incorrect Jurisdiction of Incorporation information for Japan	<a href="#">Bugzilla Ticket Link</a>
16	GlobalSign: SHA-256 hash algorithm used with ECC P-384 key	<a href="#">Bugzilla Ticket Link</a>
17	GlobalSign: Empty SingleExtension in OCSP responses	<a href="#">Bugzilla Ticket Link</a>
18	GlobalSign: Failure to provide a preliminary report within 24 hours	<a href="#">Bugzilla Ticket Link</a>
19	GlobalSign: Invalid stateOrProvinceName value	<a href="#">Bugzilla Ticket Link</a>
20	GlobalSign: RSA-1024 leaf certificate issued after 2013-12-31	<a href="#">Bugzilla Ticket Link</a>
21	GlobalSign: Issuing CA certificate with wrong notBefore date	<a href="#">Bugzilla Ticket Link</a>



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## GlobalSign Management's Assertion

GlobalSign NV/SA ("GlobalSign") operates the Certification Authority (CA) services as disclosed 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) operations at its locations as detailed in [Appendix C](#), throughout the period April 1, 2020 to March 31, 2021, GlobalSign has:

- Disclosed its Business, Key Life Cycle Management, Certificate Life Cycle Management and CA Environment Control practices in the applicable versions of its Certification Practice Statement and Certificate Policy, as enumerated in [Appendix A](#).
- Maintained effective controls to provide reasonable assurance that:
  - GlobalSign's applicable versions of its Certification Practice Statements are consistent with its Certificate Policies as enumerated in [Appendix A](#)
  - GlobalSign provides its services in accordance with applicable versions of its Certificate Policies and Certification Practice Statements as enumerated in [Appendix A](#)
- Maintained effective controls to provide reasonable assurance that:
  - the integrity of keys and certificates it manages was established and protected throughout their lifecycles;
  - the integrity of subscriber keys and certificates it manages was established and protected throughout their lifecycles;
  - subscriber information was properly authenticated (for the registration activities performed by GlobalSign); and



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- subordinate CA certificate requests were accurate, authenticated, and approved
- Maintained effective controls to provide reasonable assurance that:
  - logical and physical access to CA systems and data was restricted to authorized individuals;
  - the continuity of key and certificate management operations was maintained; and
  - CA systems development, maintenance, and operations were properly authorized and performed to maintain CA systems integrity
- 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.

in accordance with [WebTrust Principles and Criteria for Certification Authorities, Version 2.2.1](#), 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
- Integrated Circuit Card (ICC) Lifecycle Management



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- 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 does not escrow its CA keys. Accordingly, our assertion does not extend to controls that would address those criteria.

GlobalSign  
Leuven, Belgium

Signed by: Arvid Vermote  
Function: Chief Information Security Officer

June 29, 2021



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## Appendix A – Certification Practice Statements and Certificate Policies in Scope

<b>Certification Practice Statement</b>	<b>Begin Effective Date</b>	<b>End Effective Date</b>
<a href="#">Version 9.3</a>	31-Mar-20	07-July-20
<a href="#">Version 9.4</a>	07-July-20	30-Sept-20
<a href="#">Version 9.5</a>	30-Sept-20	29-Dec-20
<a href="#">Version 9.6</a>	29-Dec-20	30-Mar-21
<a href="#">Version 9.7</a>	30-Mar-21	

<b>Certificate Policy</b>	<b>Begin Effective Date</b>	<b>End Effective Date</b>
<a href="#">Version 6.3</a>	31-Mar-20	07-July-20
<a href="#">Version 6.4</a>	07-July-20	30-Sept-20
<a href="#">Version 6.5</a>	30-Sept-20	29-Dec-20
<a href="#">Version 6.6</a>	29-Dec-20	30-Mar-21
<a href="#">Version 6.7</a>	30-Mar-21	



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## Appendix B – In-Scope CAs

Several CAs (refer to the column “Issuance during the period?”) did not issue certificates during the period April 1, 2020 to March 31, 2021.

Root CAs				
#	Subject	Fingerprint SHA-256	Issuance during the period?	Additional information
1	CN = GlobalSign Root CA, OU = Root CA, O = GlobalSign nv-sa, C = BE	EBD41040E4BB3EC742C9E381D31EF2A41A48B6685C96E7CEF3C1DF6CD4331C99	Yes	
2	CN = GlobalSign, O = GlobalSign, OU = GlobalSign Root CA - R3	CBB522D7B7F127AD6A0113865BDF1CD4102E7D0759AF635A7CF4720DC963C53B	Yes	
3	CN = GlobalSign, O = GlobalSign, OU = GlobalSign ECC Root CA - R5	179FBC148A3DD00FD24EA13458CC43BFA7F59C8182D783A513F6EBEC100C8924	Yes	
4	CN = GlobalSign, O = GlobalSign, OU = GlobalSign Root CA - R6	2CABEA3FE37D06CA22ABA7391C0033D25982952C453647349763A3AB5AD6CCF69	Yes	
5	CN = GlobalSign Root R46, O = GlobalSign nv-sa, C = BE	4FA3126D8D3A11D1C4855A4F807CBAD6CF919D3A5A88B03BEA2C6372D93C40C9	Yes	
6	CN = GlobalSign Root E46, O = GlobalSign nv-sa, C = BE	CBB9C44D84B8043E1050EA31A69F514955D7BFD2E2C6B49301019AD61D9F5058	Yes	
7	CN = GlobalSign Secure Mail Root R45, O = GlobalSign nv-sa, C = BE	319AF0A7729E6F89269C131EA6A3A16FCD86389FDCAB3C47A4A675C161A3F974	Yes	
8	CN = GlobalSign Secure Mail Root E45, O = GlobalSign nv-sa, C = BE	5CBF6FB81FD417EA4128CD6F8172A3C9402094F74AB2ED3A06B4405D04F30B19	No	

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9	CN = GlobalSign Code Signing Root R45, O = GlobalSign nv-sa, C = BE	7B9D553E1C92CB6E8803E137F4F287D4363757F5D44B37D52F9FCA22FB97D F86	Yes	
10	CN = GlobalSign Code Signing Root E45, O = GlobalSign nv-sa, C = BE	26C6C5FD4928FD57A8A4C5724FDD279745869C60C338E262FFE901C31BD1 DB2B	No	
11	CN = GlobalSign Document Signing Root R45, O = GlobalSign nv-sa, C = BE	38BE6C7EEB4547D82B9287F243AF32A9DEEB5DC5C9A87A0056F938D91B45 6A5A	Yes	
12	CN = GlobalSign Document Signing Root E45, O = GlobalSign nv-sa, C = BE	F86973BDD0514735E10C1190D0345BF89C77E1C4ADBD3F65963B803FD3C9 E1FF	Yes	
13	CN = GlobalSign IoT Root R60, O = GlobalSign nv-sa, C = BE	36E80B78775DDA9D0BAC964AC29D5A5EC4F3684E0C74445E954A191C2939 B8E0	No	
14	CN = GlobalSign IoT Root E60, O = GlobalSign nv-sa, C = BE	43ED443C1F0CD46C9914B4272C24DC42CF6FE62B4AAB37585878A26D882A E4CB	No	
15	CN = GlobalSign Timestamping Root R45, O = GlobalSign nv-sa, C = BE	2BCBBFD66282C680491C8CD7735FDBBAB7A8079B127BEC60C53597683439 9AF7	Yes	
16	CN = GlobalSign Client Authentication Root R45, O = GlobalSign nv-sa, C = BE	165C7E810BD37C1D57CE9849ACCD500E5CB01EEA37DC550DB07E598AAD2 474A8	Yes	
17	CN = GlobalSign Client Authentication Root E45, O = GlobalSign nv-sa, C = BE	8B0F0FAA2C00FE0532A8A54E7BC5FD139C1922C4F10F0B16E10FB8BE1A63 4964	Yes	
18	CN = GlobalSign Timestamping Root E46, O = GlobalSign nv-sa, C = BE	4774674B94B78F5CCBEF89FDDEBDABBD894A71B55576B8CC5E6876BA3EA B4538	No	

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Other CAs				
#	Subject	Fingerprint SHA-256	Issuance during the period?	Additional information
19	CN = GlobalSign, O = GlobalSign, OU = GlobalSign Root CA - R3	445EEC78BC61215044A0379656AA2D5DB5E42F76CB70B8D14C2077AA943D4EBB	No	Cross-certificate
20	CN = GlobalSign Root E46, O = GlobalSign nv-sa, C = BE	33EF151EFB08D1C44FB85CC3F23EC6873014E9F881691BD4938B7F251580B694	No	Cross-certificate
21	CN = GlobalSign Root R46, O = GlobalSign nv-sa, C = BE	A5E33C28E3013A71F5F760AE3B16595090043D2EC5209EC52903C4FBAD258DAD	No	Cross-certificate
22	CN = GlobalSign, O = GlobalSign, OU = GlobalSign ECC Root CA - R5	F349954E8FB6D44011BCB789D97D9A2CB2032BD5F0B598D1FB8A099F5848D523	No	Cross-certificate
23	CN = GlobalSign, O = GlobalSign, OU = GlobalSign Root CA - R6	C84E1378B974A991ACDCDD733421E3061E6FA21A0491C8902BAFDE3855E0063E	No	Cross-certificate
24	CN = GlobalSign Root E46, O = GlobalSign nv-sa, C = BE	1DF6054D6641404633641BB5FA3742FDA7D075E2514840AB61E00CCBBB7D341D	No	Cross-certificate
25	CN = GlobalSign Root R46, O = GlobalSign nv-sa, C = BE	A63C1398B5F8DD2D432FBE4C2C19142BEA6D5D0221FAE794718AE7597ACC A96D	No	Cross-certificate
26	CN = GlobalSign, O = GlobalSign, OU = GlobalSign ECC Root CA - R5	3F319B2AFED4A0F75127BE59925550D0428E68763A09E273EB6A9FF8D18DB B5B	No	Cross-certificate
27	CN = GlobalSign, O = GlobalSign, OU = GlobalSign Root CA - R6	DDA8DA736187D76F4F0ED5A5F667B54D99A98AE06091D0E3A01714E9221695AD	No	Cross-certificate
28	CN = GlobalSign Root E46, O = GlobalSign nv-sa, C = BE	0F1554C2FD591B0256A608E1C136A837E7A6E041561EE08A911B2AFDCD3C6C1B	No	Cross-certificate
29	CN = GlobalSign Root R46, O = GlobalSign nv-sa, C = BE	45CB1D874CB03BD5C5B6E079C8FC29E51521EE5628486301964A41F94BA59 F88	No	Cross-certificate

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30	CN = GlobalSign Client Authentication Root E45, O = GlobalSign nv-sa, C = BE	F375270F2F216B9F62CC31795619F6FE1943DF65D1B198D3341170A40725BF C7	No	Cross-certificate
31	CN = GlobalSign Client Authentication Root R45, O = GlobalSign nv-sa, C = BE	3DA135562E942799D547CA72EA57D7AC03791B24D4E24BA2E1E1331E8A167 8F0	No	Cross-certificate
32	CN = GlobalSign Code Signing Root E45, O = GlobalSign nv-sa, C = BE	E506B72BB97A14D24959A0D1A977E1ACDB6155D68FB4846885E544D147E7D 577	No	Cross-certificate
33	CN = GlobalSign Code Signing Root R45, O = GlobalSign nv-sa, C = BE	05E0634B1FEB98AE6B4CF101728CF9D5A1793CEACE301506FF332B22D4CF 08EB	No	Cross-certificate
34	CN = GlobalSign Code Signing Root R45, O = GlobalSign nv-sa, C = BE	6385DDCD1B768648267EE5122897CA085FC45D6030ECB55098F583AF152AA 4A6	No	Cross-certificate
35	CN = GlobalSign Secure Mail Root E45, O = GlobalSign nv-sa, C = BE	5B87841E80AAFE877804E56694473DCA8BB9F1FF4FFCF885A3DAFD24463F CB64	No	Cross-certificate
36	CN = GlobalSign Secure Mail Root R45, O = GlobalSign nv-sa, C = BE	5268C94573AF66BA5A3DE979F2048DE43BD4B68AF0B73A2D639159FAFE637 F69	No	Cross-certificate
37	CN = GlobalSign Timestamping Root R45, O = GlobalSign nv-sa, C = BE	6AFBC07C724C6F75C7743392F32BF5780BD5DD39268544D4882E7AEC1ADD 0282	No	Cross-certificate
38	CN = GlobalSign Root CA, OU = Root CA, O = GlobalSign nv-sa, C = BE	6ADD368DA35458A09EDF880D0570E863ADC8507D49406B4D97E44E53BC93 08C9	No	Cross-certificate
39	CN = GlobalSign, OU = GlobalSign Root CA - R3, O = GlobalSign	2510E248903F01B63F9398179E5506979F0EF507E4174B657AF6F770A417EC9 4	No	Cross-certificate

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40	CN = GlobalSign, OU = GlobalSign ECC Root CA - R5, O = GlobalSign	0AED971671F8FE67EBA28817550AFEE946FDC2C52250003A6CFB87BC5AAD8A04	No	Cross-certificate
41	CN = GlobalSign, OU = GlobalSign Root CA - R6, O = GlobalSign	75BFB522CC4B58DA22EE488517C5F2EFF92576D20F595F9ACE483A036FC1BB6B	No	Cross-certificate
42	CN = GlobalSign, O = GlobalSign, OU = GlobalSign Root CA - R3	C94FEDDA4E8608908580BC7F87B434E03BB262E42F64C63820A8F50FB17C1CEC	No	Cross-certificate
43	CN = CBMM GCC R3 SMIME CA 2020, O = COMPANHIA BRASILEIRA DE METALURGIA E MINERACAO, C = BR	F6F9C3FC5636C7E800EB1BDDFD33AAF98495C130DBF48F9BAF4AB7A1F665DFB4	Yes	
44	CN = CRB Group GCC R3 SMIME CA 2020, O = CRB Group, Inc., C = US	814179F36A71529C915C540261E44638E37A4FCE879740F0CE7351A8E9291A03	Yes	
45	CN = DexKo Global GCC R3 SMIME CA 2020, O = DexKo Global Inc., C = US	D531F24E655D1F28A344BD3E0E9B141CE88A4139C61CB0CF5184EF2E2B9531A7	Yes	
46	CN = DSigner GCC R3 SMIME CA 2020, O = DSIGNER, SOCIEDAD ANÓNIMA, C = GT	3FA4A9B65FDF6876FE668DFECC434932EBC254FD741119FC432A5989A085F320	Yes	
47	CN = European GNSS Agency Atlas R45 SMIME CA 2021, O = European GNSS Agency (GSA), C = CZ	F4EFE27C6B037747B3A89E23EE23C1B70A24DEB53B2E02F423BB0F73E1822267	No	
48	CN = EY LLP GCC R3 SMIME CA 2020, O = Ernst & Young LLP, C = GB	3A093122808FFFA440E19824D0BC7CD6B01D8D8277F7F42FA16E80A0205D4A7A	Yes	
49	CN = FIFCO Atlas R45 SMIME CA 2020, O = FIFCO, C = CR	80642AAC7C782BCDB0C3F6F385488F9BE3BB2DE30B863009E74B29F026C9EAE6	No	

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50	CN = GlobalSign Atlas R3 SMIME CA 2020, O = GlobalSign nv-sa, C = BE	479D6A0980722966237F06C41842EE796B55D4D00A0D663B785D48433A29156E	Yes	
51	CN = GlobalSign Corporate IT Atlas R45 SMIME CA 2021, O = GlobalSign nv-sa, C = BE	7C4E78C74B4818D17EF8B8AB91E32DB4F7E3CE84A0C5E47AAA62AE39FAB60D01	Yes	
52	CN = GROB-WERKE GmbH und Co. KG GCC R3 SMIME CA 2020, O = GROB-WERKE GmbH und Co. KG, C = DE	B75840FEA15C545335CD4BA58B707F53524CE984655AEBCC248A57E6F2403A8B	Yes	
53	CN = HERTZ GCC R45 SMIME CA 2020, O = The HERTZ Corporation, C = US	013C13426B92F703BA573D9E16C2E35AECA26C60F606B88D3CE2150C94D56C14	Yes	
54	CN = Hyperion GCC R3 SMIME CA 2020, O = Hyperion Services Ltd., C = GB	9537738522B6A87FCF8338CF270203CCF1A7770BB14BB23FA2882A05FFB804E4	Yes	
55	CN = LinQuest GCC R3 SMIME CA 2020, O = LinQuest Corporation, C = US	DDD73ABF0259F18F77CA598C2745EA18243526B10D371D7E3B088D68C88C0A97	Yes	
56	CN = RWE Atlas R45 SMIME CA 2020, O = RWE AG, C = DE	BEE8FB99D7B9EC0CAEF1B1A6ACFFEABD777E31CBAC2D0E1846BDAEC4D5B18BE8	Yes	
57	CN = Spirit AeroSystems GCC R45 SMIME CA 2020, O = Spirit AeroSystems, Inc., C = US	90D87E23B012A357851472CE9F4E49201F67BA9EC1FB9CD236C0C5AAA15FFE9E	Yes	
58	CN = Trafigura PTE Ltd Atlas R45 SMIME CA 2020, O = Trafigura PTE Ltd, C = SG	36FCE16CC976727765DF5E9FADB12C544D704C35150D1F17DDE1A42A85B88BE4	No	

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59	CN = GlobalSign ECC HV S/MIME CA 1, O = GlobalSign nv-sa, C = BE	E0CE5C4EF5D2186963D2B04ADE4612BBAF787E16048A5B468F7367776C3A03DE	No	
60	CN = CRB Group SMIME CA 2019, O = CRB Group, Inc., C = US	6A5F4C1678CA65E59F060D57CDFF665065314861D53A8E7D1450CA92D96CA102	Yes	Revoked on October 21, 2020
61	CN = LinQuest SMIME CA 2020, O = LinQuest Corporation, C = US	113138DD7B216725840238E2D7EEECB3738DB139064B24CB853FC270A49E6057	Yes	Revoked on November 18, 2020
62	CN = Trafigura PTE Ltd S/MIME ICA 2020, O = Trafigura PTE Ltd, C = SG	5E7FCB9C97BDA56993B1658D120232761D665A3644534300FA6A5BEC5E0D5795	No	Revoked on July 11, 2020
63	CN = GlobalSign SMIME CA 2018, O = GlobalSign nv-sa, C = BE	C8192C32F7B49C7F32A1CA001595A7F9E36C9E72058D6EAA1BAB7752A8C16718	Yes	Revoked on September 16, 2020
64	CN = CBMM SMIME CA 2019, postalCode = 38183-903, street = RUA CORREGO DA MATA S/N, ST = MINAS GERAIS, L = ARAXA, O = COMPANHIA BRASILEIRA DE METALURGIA E MINERACAO, C = BR	C346D9137E05254C6EEAC99AC2F6748A0C5D3AFC6B7B9B1E00C40ADF4D85655D	Yes	Revoked on November 18, 2020
65	CN = Google S/MIME Authority, ST = California, O = Google Inc, C = US	6A1745B31176FAC284420A2BCEF67B59E22A1D37753ABAF2CC51B2F572922588	No	Revoked on December 09, 2020
66	CN = GROB-WERKE GmbH und Co. KG SMIME CA, O = GROB-WERKE GmbH und Co. KG, L = Mindelheim, ST = Bayern, C = DE	1608BF87414CDCFAB4279102A19702D9D5996A91329E3DF2F80495473AAD86C6	Yes	Revoked on October 21, 2020

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67	CN = Hyperion SMIME CA 2018, O = Hyperion Services Ltd., L = London, ST = London, C = GB	DCD77E34B46D530AEF645A513389CD4FFC0F7D196A115B8F62A5FD0D557D 46C6	No	Revoked on November 18, 2020
68	CN = GlobalSign HV S/MIME CA 1, O = GlobalSign nv-sa, C = BE	0F8EEFEC0D1FDBDA33BFEB41455110613CC5681E92B4BCB95610DA35FE1F 3C66	No	Revoked on April 16, 2020
69	2.5.4.97 = NTRBE-0459134256, CN = GlobalSign Atlas R45 Qualified Remote Signing CA 2020, O = GlobalSign nv-sa, C = BE	323F35F0DFB01D6B478C24026C66852AAD3E96DCB1C5BE17C1DA1EC47D7 7CC87	No	
70	2.5.4.97 = NTRGB-04705639, CN = GlobalSign Atlas R45 UK Qualified Remote Signing CA 2020, O = GMO GlobalSign Ltd, C = GB	0958E7A84F392A4F3B7DC5E30FDC8DF733E69B44C68C16FC0DA1741C0841 9DA0	No	
71	CN = GlobalSign GCC R45 PersonalSign 3 CA 2020, O = GlobalSign nv-sa, C = BE	50161C1232F32E8057879F9C7651A9088F5AA1EF5AC9A9A4BD445C6E788EA 6F8	Yes	
72	2.5.4.97 = NTRBE-0459134256, CN = GlobalSign GCC R45 Qualified Authentication CA 2020, O = GlobalSign nv-sa, C = BE	E042DA36AA8B9A290A525B63AFBBD42E3DBA8286F7100C7981799C6EF2F8 919C	No	
73	2.5.4.97 = NTRBE-0459134256, CN = GlobalSign GCC R45 Qualified QSCD Signing CA 2020, O = GlobalSign nv-sa, C = BE	1B728D4A76506634A11007912F1D8C6B9AA39BE1AFCA49096657CF1FFB451 3BF	Yes	
74	2.5.4.97 = NTRBE-0459134256, CN = GlobalSign GCC R45 Qualified Signing CA 2020, O = GlobalSign nv-sa, C = BE	4E1474CFEB41D048C7E1E2C975D69AD3FD739BD44577A80D0432F233D51C 5C77	Yes	

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75	2.5.4.97 = NTRGB-04705639, CN = GlobalSign GCC R45 UK Qualified Authentication CA 2020, O = GMO GlobalSign Ltd, C = GB	EEE8A6FBDE0B1340552AE739832A686FE96103435AE1FCE9392D655E00D86 70D	No	
76	2.5.4.97 = NTRGB-04705639, CN = GlobalSign GCC R45 UK Qualified QSCD Signing CA 2020, O = GMO GlobalSign Ltd, C = GB	91F881C556A920B92C4C48221FAAC19615437CF4ACB7D079C0B426BF3483B 3AE	No	
77	2.5.4.97 = NTRGB-04705639, CN = GlobalSign GCC R45 UK Qualified Signing CA 2020, O = GMO GlobalSign Ltd, C = GB	F5E9E2705AB0C93E80652D2DEB573AB01D6700597BDA122BC08BA97FDC71 3368	No	
78	CN = GlobalSign R45 AATL Root CA 2020, O = GlobalSign nv-sa, C = BE	B296DC3BCF451217D7AD4F84FB8EE25CC92FC659CAFA0EB4A8B5B4DB3D0 215C2	Yes	
79	CN = InComm Agent Solutions Inc Atlas Issuing CA 2020, O = InComm Agent Solutions Inc, C = US	4DFD9A61EB32208A94F15719FF2EC71449BCB0F344C18D5D1D3994A6C30E C92E	Yes	
80	CN = NAESB GCC R45 Client Authentication CA 2020, O = GMO GlobalSign Inc., C = US	5EBD04144508FADD1B9DB79FF62B826D6FF893987B1534C0F8EEC2261D6A C452	Yes	
81	CN = Accenture Federal Services GCC R3 Global CA 2020, O = Accenture Federal Services LLC, C = US	9D61B40ECFE094B415FBF6AEEA1FDB27A1A4C3B6FD9008D768777D6D7FB AEE9	Yes	
82	CN = Ford Motor Company - Enterprise Issuing CA01, ST = Michigan, L = Dearborn, O = Ford Motor Company, C = US	7B96DA88C60AE48624F480217865FEB124719022F49E58EE830B3E93D36D9 AEF	Yes	

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83	CN = GlobalSign CA for AATL - SHA384 - G4, O = GlobalSign nv-sa, C = BE	AC0AB963BB5F3DA05FBC8687F98C2B6EA0BB499E6118C1A9136B1BC7C3C71A6B	Yes	
84	CN = GlobalSign GCC R3 PersonalSign 1 CA 2020, O = GlobalSign nv-sa, C = BE	583C7FC250856B7F947FC7CC076FE216273CA1713D122C2E5D8F6038FD6E3562	Yes	
85	CN = GlobalSign GCC R3 PersonalSign 2 CA 2020, O = GlobalSign nv-sa, C = BE	F0DBB9E90E6643CCB23660147E5DE24760440089D96F4AD0D82F66C3E7DA5C20	Yes	
86	CN = InComm Agent Solutions Inc Root Certificate Authority, O = InComm Agent Solutions Inc, ST = Florida, C = US	ECF5DC23556585AE8F9CE5BA0955F982AFF77E975F84C53F4A098626C20BFE5A	Yes	
87	CN = JCAN Public CA1 - G4, OU = JCAN Public CA1 - G4, O = JIPDEC, C = JP	9AC4C8E358C095C998122ADD17A336C0AC597ECBECB7EDC3F58A75040CF94A5F	Yes	
88	CN=Quálitás Compañía de Seguros S.A. de C.V. GCC R3 CA 2020; O=Quálitás Compañía de Seguros S.A. de C.V.; C=MX	795A8468D098E3729E6A17920AA6D8F27E84DC180F85C9B28A77FB368DCC7895	Yes	
89	CN = GlobalSign CA for AATL - SHA256 - G2, O = GlobalSign nv-sa, C = BE	AA89C466E9D06882C0DAAF72BE0F0FBCFE7C1EF2AAAD190640C4AD44F5517F34	No	
90	CN = GlobalSign Primary SHA256 CA for Adobe, OU = GlobalSign CDS, O = GlobalSign nv-sa, C = BE	8B8AAA67E1EB067303F09E17A505CE7B6CA1C8DC0E1DB59D982B579C69D644E1	No	
91	CN = AbbVie Atlas R6 AATL ICA 2020, O = AbbVie, Inc., C = US	6509F94BCA4DC619F3E732D533ACD3D0F10ABA102A13123B6AF737C8E12DAA21	Yes	

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92	CN = DPDHL User CA I5, O = Deutsche Post AG, C = DE	163B5F69720164075C16CE760A93C85D5073CD5A0D41C7A3AFB0B5E75B3D C646	Yes	
93	CN = Giesecke and Devrient CA, OU = Corporate CA, O = Giesecke and Devrient, L = Munich, C = DE	A53FB60B6C9CEC1175C729BB8A34D1AA1DA85AF234E41603621D983940026 400	Yes	
94	CN = Giesecke and Devrient CA, OU = Corporate CA, O = Giesecke and Devrient, L = Munich, C = DE	4AB23AF5233FD65FBD981973515A7379C76B9B852A5B4E35890B7F60D1923 A4F	Yes	
95	2.5.4.97 = NTRBE-0459134256, CN = GlobalSign Atlas E45 Qualified Remote Signing CA 2020, O = GlobalSign nv-sa, C = BE	5CB0FDEF052BD18A0A40ADA2235F46EB42B6D0993ED5A50DE47E3EA12FF1 91B1	No	
96	2.5.4.97 = NTRGB-04705639, CN = GlobalSign Atlas E45 UK Qualified Remote Signing CA 2020, O = GMO GlobalSign Ltd, C = GB	B89EBBFC57AE60653C676B8EB399DC9415BBB738CB0370651A86BFF075C8 3A39	No	
97	CN = GlobalSign Atlas R45 AATL CA 2020, O = GlobalSign nv-sa, C = BE	65573E11BB13C6ED115E0B90E2C30B1E4DE4D5CAC1B31EAB2D417C32A3D A5D79	No	
98	CN = GlobalSign Atlas R6 AATL CA 2020, O = GlobalSign nv-sa, C = BE	96D0E059827A7C99BA5CF586D1B77397A3C83777C467BF1914762AE16ABE3 834	Yes	
99	CN = GlobalSign CA for AATL - SHA256 - G3, O = GlobalSign nv-sa, C = BE	2E8820DC0EAFAE3D6D285C057ECE14470B377438B002CEDD4C72B4F343A5 4F43	No	
100	CN = GlobalSign E45 AATL Root CA 2020, O = GlobalSign nv-sa, C = BE	87903E20623512D28BDBFACE4D41BD50F5BA6B1B2E8CCAB134CE161769EA EC00	No	

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101	2.5.4.97 = NTRBE-0459134256, CN = GlobalSign GCC E45 Qualified Authentication CA 2020, O = GlobalSign nv-sa, C = BE	5F2155F9A7444615C673994CDA99E963BB558A367B20305520E93D15EF3AF4 E8	No	
102	2.5.4.97 = NTRBE-0459134256, CN = GlobalSign GCC E45 Qualified QSCD Signing CA 2020, O = GlobalSign nv-sa, C = BE	8115E2CB4F04E56EA70EA932D0622831DD53B22BF6A93B3ACD9125FAB037 4AF1	No	
103	2.5.4.97 = NTRBE-0459134256, CN = GlobalSign GCC E45 Qualified Signing CA 2020, O = GlobalSign nv-sa, C = BE	35E9429CDE680D8D5311CDD46FAEF0AEE694B0556C3D69C4F670E243D64C 87FE	No	
104	2.5.4.97 = NTRGB-04705639, CN = GlobalSign GCC E45 UK Qualified Authentication CA 2020, O = GMO GlobalSign Ltd, C = GB	1DBC5465732AC3232FF12641C2898EA0F239D06186DD1B085496ABC6E5BD0 7F2	No	
105	2.5.4.97 = NTRGB-04705639, CN = GlobalSign GCC E45 UK Qualified QSCD Signing CA 2020, O = GMO GlobalSign Ltd, C = GB	712C42F3C0FA3BDFA11B22AC9811C8EB912C4B464B43C705825DEEDC1195 AD33	No	
106	2.5.4.97 = NTRGB-04705639, CN = GlobalSign GCC E45 UK Qualified Signing CA 2020, O = GMO GlobalSign Ltd, C = GB	28CB8EE23E7BDBBF40B2959A57BB589991C2635CD3B71AAB0E84F993C559 D29F	No	
107	CN = GlobalSign GCC R45 AATL CA 2020, O = GlobalSign nv-sa, C = BE	BCF8D9040635C95E84F9FEDDF36F9422C0D215C23798E9C2D5F3798ECF27 B68A	No	
108	CN = GlobalSign GCC R6 AATL CA 2020, O = GlobalSign nv-sa, C = BE	75CC6021036890EAC71853FAE8382CF8DB33DC41706F42AAFE421E98AD381 74C	Yes	

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109	CN = Statoil Qualified CA, O = Equinor ASA, C = NO, DC = statoil, DC = com	0A665640BE77300E0DF23752F324499E132A99A7E5A81879AA9E58B65F501C97	Yes	
110	CN = Statoil Qualified CA, O = Statoil ASA - 923609016, C = NO, DC = statoil, DC = com	5E297C0107659C8068CC7674635E56F74D05BFD6E687D3075FC48C7E8FF70D95	Yes	
111	CN = Trusted Root nonTLS CA SHA256 G3, O = GlobalSign nv-sa, C = BE	3A30D4A3043F195609E30F747754699CC6CC97E1F5FCB83DE87E659E579E39AD	Yes	
112	CN = Ford Motor Company - Enterprise Issuing CA01, ST = Michigan, L = Dearborn, O = Ford Motor Company, C = US	DE8D9CED3CBD78B1F05DE90225D0B693D3296FB5611E179FDB1B2A7BF893F236	Yes	Expired on December 31, 2020
113	CN = DPDHL User CA I3, O = Deutsche Post, L = Bonn, ST = Nordrhein-Westfalen, C = DE	57D8F8E4F1DE9F44DFAC8443DA0205F1B8AA7E6DB75459943B74D89B3909BCA3	Yes	Revoked on September 16, 2020
114	CN = Trafigura PTE DocuSign CA, O = Trafigura PTE, C = SG	0C3B69672EBABE1F96CAF3CBE598F7747C01F78014AF651191950D673FD91784	Yes	Expired on September 20, 2020
115	CN = Ford Motor Company - Enterprise Issuing CA01, ST = Michigan, L = Dearborn, O = Ford Motor Company, C = US	4C241CFE3D3FFB60CA88D6B06A552AB1CF0EF7D8D2E08DA15282B55192EBBD29	Yes	Parent revoked on July 11, 2020
116	CN = DPDHL User CA I3, O = Deutsche Post, L = Bonn, ST = Nordrhein-Westfalen, C = DE	2E0191751CA0CBA81C3A6338DEE1A02B8D6BCC4F1F8261B809BCCE7ABAF1A43D	Yes	Parent revoked on July 11, 2020

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117	CN = Intertek Document Signing Authority, O = Intertek Group plc, C = GB	9571BFEA2F1F572EEE34F9EE99F5E55CC7A2EC3A1B4B52B7C32A228482B6CC57	Yes	Expired on August 01, 2020
118	CN = RISE Signing CA, O = RISE Research Institutes of Sweden AB, OU = IT, L = Goteborg, ST = Vastra Gotalands Lan, C = SE	DCEB06E046A76706BD1D928FA2DB893DB550D2973914843C5CC5DBE2D9D9B79D	Yes	Expired on August 01, 2020
119	CN = IHI-EC International Corporation, O = IHI E&C International Corporation, C = US	DC1983F14B0096FB12A6D82B4822730D238779CA0543C43C015F249249564D4D	Yes	Expired on July 31, 2020
120	CN = DPDHL User CA I3, O = Deutsche Post, L = Bonn, ST = Nordrhein-Westfalen, C = DE	AF1898D7F0638751C075D0142D4E2A0EA731FC622324F153FE1BF3B6AFD9AF13	Yes	Parent revoked on July 11, 2020
121	CN = DPDHL User CA I3, O = Deutsche Post, L = Bonn, ST = Nordrhein-Westfalen, C = DE	EBE87BB4188502709F444055259ABB22BC51B88C908419A13559DFC8EF6630D1	Yes	Expired on July 09, 2020
122	CN = RTI SHA256 CA - G2, O = RTI International, ST = NC, C = US	5F7C6E6041DAA513CBFE3D4E07FDC84E230DA21AF2DE186460C9EC0481516DAB	No	Expired on June 27, 2020
123	CN = Noble Energy SHA256 CA - G2, O = Noble Energy, Inc., L = Houston, ST = Texas, C = US	FA51FE39F0F316E92412E1170118E2D62A8E4ADA0F88EC237F3CE631F70BE298	No	Expired on June 27, 2020
124	CN = Giesecke and Devrient CA, OU = Corporate CA, O = Giesecke and Devrient, L = Munich, C = DE	0F7F0A51DE1E5AE3E4B36647AE09BA59E36C773E308DC16268F4228AF527D710	Yes	Expired on April 30, 2020

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125	2.5.4.97 = NTRBE-0459134256, CN = GlobalSign Qualified Authentication ECC CA 2020, O = GlobalSign nv-sa, C = BE	110CFA9601734984AB975D1069C6E45983E8AC1B9074FD489BAC2E2EFDF14 0E2	No	Revoked on July 08, 2020
126	2.5.4.97 = NTRBE-0459134256, CN = GlobalSign Qualified QSCD Signing ECC CA 2020, O = GlobalSign nv-sa, C = BE	5A65CA143019485BDD714A0285371C00426C0C67097C7939939E488819224A 29	No	Revoked on July 08, 2020
127	2.5.4.97 = NTRBE-0459134256, CN = GlobalSign Qualified Remote Signing ECC CA 2020, O = GlobalSign nv-sa, C = BE	AEB217DC3CB735F7A4D17C4983D316153FA23960586F1E2F0BFDD9F60DA0 43FB	No	Revoked on July 08, 2020
128	2.5.4.97 = NTRBE-0459134256, CN = GlobalSign Qualified Signing ECC CA 2020, O = GlobalSign nv-sa, C = BE	11476A7C474022CC44D3E5D5952B587A7D940D25EA7EA959FE640B2CA9F7 BFF9	No	Revoked on July 08, 2020
129	CN = AbbVie AATL ICA 2020, O = AbbVie, Inc., C = US	154E4834B28D4FB1F90FEE935D0DDE46C45A177FC1425A028C685C32855A8 5AD	No	Revoked on August 19, 2020
130	CN = GlobalSign AATL Partners CA 2019, O = GlobalSign nv-sa, C = BE	83FC891B350D9E0D7EBE6DD2A6BFE3D0B0F4653FCA048615A5DEEBBC039 A3F66	No	Revoked on August 19, 2020
131	CN = GlobalSign Issuing CA for AATL Partners 2019, O = GlobalSign nv-sa, C = BE	67C46DC17762667844F1596089375FF45E05C2B316C89499F6E7FAB78C8F03 79	No	Revoked on August 19, 2020
132	CN = GlobalSign PersonalSign Partners CA - SHA256 - G2, O = GlobalSign nv-sa, C = BE	118262C2088EE1528E20D836D2070854707C0D8F8E80FBE396F9ECD4B9141 B5B	No	Revoked on September 30, 2020

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133	CN = Quálitas Compañía de Seguros S.A. de C.V., postalCode = 05200, street = JOSE MARIA CASTORENA No. 426, SAN JOSE DE LOS CEDROS, ST = CIUDAD DE MEXICO, L = CUAJIMALPA, O = QUALITAS COMPAÑIA DE SEGUROS S.A. DE C.V., C = MX	B716B089FE4E53D1A2EF7BA57AC85E68EC722CF61052C25A59626AD3B15C5F40	Yes	Revoked on October 21, 2020
134	CN = DPDHL User CA I4, O = Deutsche Post AG, C = DE	C25C4EDBC36E3FB7C3D937BEE9F2D29E36AFB07CFA3188262E0D5FDC919E0D77	Yes	Revoked on November 18, 2020
135	CN = GlobalSign CA 6 for AATL, O = GlobalSign nv-sa, C = BE	BE1FFC0E1FF6088104F43E327E7C7DC72A9CA7B0DF05793123ABE32DEACEE76F	Yes	Revoked on December 31, 2020
136	CN = GlobalSign PersonalSign Partners CA - SHA256 - G2, O = GlobalSign nv-sa, C = BE	4E707867946AC05343C6BA8FF121EA66A758037913257A8EE4974350D39A1034	No	Revoked on January 21, 2021
137	CN = GlobalSign CA 4 for AATL, O = GlobalSign nv-sa, C = BE	EBA34C7B109671614C367E1DE075124C3954CE19F85FACF61090EC319F7F1A7F	Yes	Revoked on December 31, 2020
138	CN = GlobalSign Qualified CA 1, O = GlobalSign nv-sa, C = BE	F5709A2D2F68B53BF6F645BB178ADF95346F89FDA5C63BFDE08042A26492AAB2	Yes	Revoked on February 24, 2021
139	CN = GlobalSign Qualified CA 2, O = GlobalSign nv-sa, C = BE	FD3A0F3DD4480092B6D450473DEB9201A0B308A8807833A3C738F8A07EB81ED3	No	Revoked on July 08, 2020
140	CN = GlobalSign Qualified CA 3, O = GlobalSign nv-sa, C = BE	0AA9F2E7D95C718B7D1EB7CCDBD0164E86057AE9D66922BC60F9903F94A0F0EF	No	Revoked on July 08, 2020
141	CN = GlobalSign PersonalSign 2 CA - SHA256 - G4, O = GlobalSign nv-sa, C = BE	27D6FDAF80297846DFEFF82E7F58B9A48AC9E3EE93A112B1BBE243EE1A97447C	No	Revoked on July 11, 2020

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142	CN = GlobalSign PersonalSign 2 ECC CA SHA 384 - G4, O = GlobalSign nv-sa, C = BE	46038F6326228CDB56619C52266613DA04C8CA499E0D03B0EDCFFC110D5C FC70	No	Revoked on July 28, 2020
143	CN = GlobalSign PersonalSign 2 RSA CA SHA 384 - G4, O = GlobalSign nv-sa, C = BE	5CDD809CF44F5F8665EAC15055504C5B06B787AC18294505BDBAB4A77E50 D776	Yes	Revoked on July 28, 2020
144	CN = GlobalSign CA 4 for AATL, O = GlobalSign nv-sa, C = BE	9DDC2E0D55B461E0C73228282DF56B2BEF224CA2385681D17B6E8C0778525 73C	Yes	Revoked on July 08, 2020
145	CN = GlobalSign CA 5 for AATL, O = GlobalSign nv-sa, C = BE	306E9739E3458FF4546877B704B2E3905E58B235D64E32F4F026AC91B7295D 15	Yes	Revoked on December 31, 2020
146	CN = JCAN Sub Root CA0, OU = JCAN Sub Root CA0, O = JIPDEC, C = JP	8FA602FFF590DF583A36D509C265F6C3EA8C34A9D56CFF86285FBFE9936BF C55	No	Revoked on December 31, 2020
147	CN = JCAN Public CA1 - G4, OU = JCAN Public CA1 - G4, O = JIPDEC, C = JP	7B464DC384FDB1A525C2CC279ED0C7CFAD24BECF72C46A7D7093D157C21 7607E	Yes	Parent revoked on July 11, 2020
148	2.5.4.97 = NTRBE-0459134256, CN = GlobalSign Qualified Authentication CA 2020, O = GlobalSign nv-sa, C = BE	61D152180C8BB668A37DE25F24641807443CBBBD50C1BCFF3E07058162A264 448	No	Revoked on July 08, 2020
149	2.5.4.97 = NTRBE-0459134256, CN = GlobalSign Qualified QSCD Signing CA 2020, O = GlobalSign nv-sa, C = BE	BAB082319000C0C103185D75135DA328ACA013E8F70F356833620D24800CD 4C7	No	Revoked on July 08, 2020
150	2.5.4.97 = NTRBE-0459134256, CN = GlobalSign Qualified Remote Signing CA 2020, O = GlobalSign nv-sa, C = BE	2ABF6447B72ECB572DA30B27CD8D2069033AF045714AC458DA0789E9623E2 60F	No	Revoked on July 08, 2020

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151	2.5.4.97 = NTRBE-0459134256, CN = GlobalSign Qualified Signing CA 2020, O = GlobalSign nv-sa, C = BE	A686AD3494BEB5ADC479C280BF156D3F87109F7866F88511E93D753EA3DD5 5E9	No	Revoked on July 08, 2020
152	CN = NAESB Issuing CA - SHA384 - G4, O = GMO GlobalSign Inc., C = US	C4C7C436BD88E8E68DB00297DF83ACC819E198639BA00522C8E3245876898 523	Yes	Revoked on February 24, 2021
153	CN = GlobalSign CA 2 for AATL, O = GlobalSign nv-sa, C = BE	A13820A7387BDFAD204463EFA9216416639B7E73C31DC2F499F53FCD4D4D2 5C4	Yes	Revoked on December 31, 2020
154	CN = GlobalSign CA 3 for AATL, O = GlobalSign nv-sa, C = BE	C01963059070CB2306F4B486CCF1503359209E98499C810C2B49E26E31A4B D74	Yes	Revoked on December 31, 2020
155	CN = GlobalSign PersonalSign 2 CA - SHA256 - G3, O = GlobalSign nv-sa, C = BE	B778748A792B8F91F04B01BAFC31A31ED7EF6A712AFF80B6610D9AADEE20 7ADF	Yes	Revoked on February 24, 2021
156	CN = GlobalSign PersonalSign 1 CA - SHA256 - G3, O = GlobalSign nv-sa, C = BE	F5D2D2BA6817A7A9AA0E21354BBF0E6F95C5E287EE88CF2F279F0FFEC4ED AC15	Yes	Revoked on February 24, 2021
157	CN = GlobalSign PersonalSign 3 CA - SHA256 - G3, O = GlobalSign nv-sa, C = BE	701B432AC0CDD4D9CF95B4B884C32BF5CCA90D44E0161ABD13B934D68E3 80472	Yes	Revoked on February 24, 2021
158	CN = GlobalSign PersonalSign 1 CA - G3, O = GlobalSign nv-sa, C = BE	F068DEAA18CC02D5A8BE35CB8338327910291F6E62E7216A934764A1ABA4A 800	No	Revoked on July 28, 2020
159	CN = GlobalSign PersonalSign 1 CA - G3, O = GlobalSign nv-sa, C = BE	254BE91C1ABCB28DB5E4D675A29A1E788460B06591F1BA8497CBD17837E2 7ABE	No	Revoked on June 30, 2020
160	CN = GlobalSign PersonalSign 2 CA - G3, O = GlobalSign nv-sa, C = BE	64E71601F7050921DEE039C03493615E488F12FC3FCECBADF438AA467EE1D 41A	No	Revoked on June 30, 2020

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161	CN = GlobalSign PersonalSign 3 CA - G3, O = GlobalSign nv-sa, C = BE	B1FE3AEBF963A7880E74B0B0556681EA8B1CCCE3E69A7D3B10A68ACBE86E48A1	No	Revoked on July 28, 2020
162	CN = GlobalSign PersonalSign 3 CA - G3, O = GlobalSign nv-sa, C = BE	C228D93DBE5536A120AC24ED934467BAD7292F8B7EB202634B17070A89C5FE9B	No	Revoked on July 30, 2020
163	CN = EY LLP SHA256 CA - G2, O = Ernst & Young LLP, C = GB	1557F65BA61C958B74EFA4A582BBAEBDD62A6D9B65FE95A80D5ED518F46ED87F	Yes	Revoked on December 31, 2020
164	CN = HERTZ SHA256 CA - G2, O = The HERTZ Corporation, ST = Florida, C = US	64FD7F66B805EF0FAE09DAC06EAD1A9AB5C28E6F24AD0759996D349987FE7E2	No	Revoked on October 21, 2020
165	CN = DPDHL User CA I3, O = Deutsche Post, L = Bonn, ST = Nordrhein-Westfalen, C = DE	F037621405E0F356507E239FADD647842D3B50857C3CFF840859174F72F6FD18	Yes	Revoked on July 11, 2020
166	CN = Ford Motor Company - Enterprise Issuing CA01, ST = Michigan, L = Dearborn, O = Ford Motor Company, C = US	3802E424516F78EEAC329AAE9B1F60A412DBE1D5B095D7AC9DC0DCDDE3C1F5FB	Yes	Parent revoked on July 11, 2020
167	CN = JCAN Public CA1 - G3, OU = JCAN Public CA1 - G3, O = JIPDEC, C = JP	91E98D0947C125494EAAF2A38D087BE0781AF20D8A14EE8C39FECDC482CF5F82	No	Revoked on December 31, 2020
168	CN = Accenture Federal Services External CA, O = Accenture Federal Services LLC, ST = DE, C = US	A9C8E971259A2ED6E65F721E07AA967C72C7CDB47C7BE1288D87BF08D2F3580D	Yes	Revoked on December 31, 2020

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169	CN = Spirit AeroSystems SHA256 CA - G2, O = Spirit AeroSystems, Inc., ST = KS, C = US	8609BDCEF95E4A4D426497B5CD8ED4B001C953A5C14471CAAF58FB650DF8 ABF0	Yes	Revoked on November 18, 2020
170	CN = CareFirst SHA256 CA - G2, O = CareFirst, Inc., ST = MD, C = US	CF9B7EF7B437F7E4709A0507E5C5871690021D64F3B8FCE703EC85C85AE8F A29	No	Revoked on May 20, 2020
171	CN = Giesecke and Devrient CA, OU = Corporate CA, O = Giesecke and Devrient, L = Munich, C = DE	632FD697BACAF1ED232517EC9B7622B7C25E1448B0CC626B33286719E351C E8A	Yes	Parent revoked on July 11, 2020
172	CN = NCDOR SHA256 CA - G2, O = Department of Revenue, ST = NC, C = US	C647C537F7E3D280948D40800AEF8F534254F74A12168E3630E760D71675BE 3B	No	Revoked on May 20, 2020
173	CN = Statoil Qualified CA, O = Statoil ASA - 923609016, C = NO, DC = statoil, DC = com	50CA2C8DFDCA8FB17F5FD447A86B24E263DD9F1D4FC77E899DD8CD91369 43FCC	Yes	Parent revoked on July 11, 2020
174	CN = Statoil Qualified CA, O = Statoil ASA - 923609016, C = NO, DC = statoil, DC = com	2A480810310EA0CB659031A20D4E4A3C1000EF34526234964FDFE9C656C45 BCD	Yes	Parent revoked on July 11, 2020
175	CN = NAESB Issuing CA - SHA384 - G3, O = GMO GlobalSign Inc., L = Portsmouth, ST = New Hampshire, C = US	128DED1A8AD60C24B4254E31DB94FC4392BF93ED5434472AA43A0B9856106 068	No	Revoked on July 28, 2020

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176	CN = NAESB Issuing CA - SHA384 - G3, O = GMO GlobalSign Inc., L = Portsmouth, ST = New Hampshire, C = US	0986B5A1C7314EFB04FB648B9E2B57CF4842FD1D4345D28E52094C90A9FEC BFE	No	Revoked on September 30, 2020
177	CN = VWFS CA for AATL, O = Volkswagen Financial Services (UK) Limited, C = GB	CF89A41DFEE5F71740DEF602735DDBF1DEBE0CB816D73980D9A583C5881C E778	No	Revoked on May 20, 2020
178	CN = InComm Agent Solutions Inc Root Certificate Authority, O = InComm Agent Solutions Inc, ST = Florida, C = US	2A5EAD8B41A7CDDC126B10ED248A2EEFEDA855660342F222A38CC6605D44 3E22	Yes	Parent revoked on July 11, 2020
179	CN = DPDHL User CA I3, O = Deutsche Post, L = Bonn, ST = Nordrhein-Westfalen, C = DE	BCE3A5BD8D9082636C5BFE3E0B71ACEE551E24E3BD035887D2661ADA65A FF484	Yes	Parent revoked on July 11, 2020
180	CN = Intertek Document Signing Authority, O = Intertek Group plc, C = GB	91F4860A68760E55F4F2158478E67F958BD637B7C0FB6093E9E904DFA46AC3 34	Yes	Revoked on December 01, 2020
181	CN = DexKo Global SMIME CA 2019, O = DexKo Global Inc., C = US	ABC86706C98D6BF67372F908EC01ADF631B191D733AE89F8343EB047B1081 44B	No	Revoked on October 18, 2020
182	CN = GlobalSign PersonalSign 2 CA - G3, O = GlobalSign nv-sa, C = BE	925EE7D5A22AD7FBE9BAB54D7C8D0B9A74F7E35A8AF6AF645E2E8C3519A7 092F	No	Revoked on July 28, 2020
183	CN = GTS Root R1, O = Google Trust Services LLC, C = US	3EE0278DF71FA3C125C4CD487F01D774694E6FC57E0CD94C24EFD7691339 18E5	No	Google Cross-certificate *

\* 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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DV SSL Issuing CAs				
#	Subject	Fingerprint SHA-256	Issuance during the period?	Additional information
184	CN = GlobalSign Domain Validation CA - SHA256 - G3, O = GlobalSign nv-sa, C = BE	09BC1B137C031239EF788673E94EB17F5F3ECAB07D3ADBFB485E75ABFAAF3B9A	Yes	
185	CN = Soluti CA - DV, O = SOLUTI - SOLUCOES EM NEGOCIOS INTELIGENTES S/A, C = BR	5C452334D9C9C9A2EA42CC77A7165E1795EE9D84EB70CB784B47EA9D92A582D9	Yes	
186	CN = Valid Certificadora Digital AlphaSSL CA 2018, O = VALID CERTIFICADORA DIGITAL, C = BR	04DE47A9CDD3091CFC5EF6AAA3B7D4B53E13C4D4DC02364F6C0B408742EC3C76	Yes	
187	CN = Valid Certificadora Digital SSL DV CA 2018, O = VALID CERTIFICADORA DIGITAL, C = BR	FCF26FBC1B2A25A76AB4EA92B2CBEF367E0131091C802DA49898F78AE54B30F8	Yes	
188	CN = AlphaSSL CA - SHA256 - G2, O = GlobalSign nv-sa, C = BE	8C2410F76B149CA062B420AB611B6BF0A06E6E799A29587E4D4EC16D0537B7EA	Yes	
189	CN = AlphaSSL CA - SHA256 - G2, O = GlobalSign nv-sa, C = BE	EE793643199474ED60EFDC8CCDE4D37445921683593AA751BBF8EE491A391E97	Yes	
190	CN = GlobalSign Domain Validation CA - SHA256 - G2, O = GlobalSign nv-sa, C = BE	BFDF4CF3F143AD0DB912D8AB3A7C12F617B9EA60CE8B1F4E44F74270FB21B19B	Yes	
191	CN = GlobalSign Atlas ECCR5 DV ACME CA H1 2021, O = GlobalSign nv-sa, C = BE	E7757BB0C4942ADC108D092A17B812B1043E06A094DD5E214920325556FC6924	No	
192	CN = GlobalSign Atlas ECCR5 DV TLS CA 2020, O = GlobalSign nv-sa, C = BE	72132ECF2F8C75B5F214C00ED14562E14912B7F2F4D2633180F3E4918980FE C4	No	

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193	CN = GlobalSign Atlas ECCR5 DV TLS CA 2020-12, O = GlobalSign nv-sa, C = BE	6F335DD7CD4AAA1D9140F290E9E7B3498A7CC35A244AA300E146BA2D9D02B960	No	
194	CN = GlobalSign Atlas R3 DV ACME CA H1 2021, O = GlobalSign nv-sa, C = BE	70F5C63C4F112837AB99870B0ECB5D722EEA0B0D0DDB9320B98B99B9BD137866	No	
195	CN = GlobalSign Atlas R3 DV TLS CA 2020, O = GlobalSign nv-sa, C = BE	B65FE6A1BF2D52FF68B7D3E9D0F06B300A1C3F248309B70405CA7BDEC054BDDD	Yes	
196	CN = GlobalSign Atlas R3 DV TLS CA 2020-12, O = GlobalSign nv-sa, C = BE	59F5FF92B608A0119FF1DD7C603E0EB16F4FEAD9D4717AC3BC62D286AE399CDA	No	
197	CN = GlobalSign Domain Validation CA - SHA256 - G2, O = GlobalSign nv-sa, C = BE	37D080A5E9A526663E56EE20DE4BD9F7952DACC341491439080167AD5DD18CAC	Yes	
198	CN = GlobalSign GCC R3 DV TLS CA 2020, O = GlobalSign nv-sa, C = BE	762538439509C411C437D3C567563E1378671281FC4A1464ADD031870843676E	Yes	
199	CN = AlphaSSL CA - SHA256 - G2, O = GlobalSign nv-sa, C = BE	5A817EADA4AD78734EBB2CF674352D97F4352290C40EAF10E764B1EAC075B0E6	No	
200	CN = AlphaSSL CA - SHA256 - G2, O = AlphaSSL	933E4A2D8DB1FF9FF0E508EA7F1637E074F660FE6F365A2233DFC2B52C889D98	No	
201	CN = GlobalSign Domain Validation CA - SHA256 - G2, O = GlobalSign nv-sa, C = BE	669E7727A92BE72D9718E16922DC1BC1492B1AF33FA4793E68D8778F19A2EBE0	Yes	
202	CN = GlobalSign HV ECC DV SSL CA 2018, O = GlobalSign nv-sa, C = BE	4B0D1392D39157353207A64CCB14683DDE9D2CED1FB58B16E038BE5707C27813	No	Revoked on July 08, 2020
203	CN = GlobalSign HV RSA DV SSL CA 2018,	54C37A8E853FD1D6378D378B939307EC321A31CC1A5A89E7180633BC13F18762	Yes	Revoked on October 21, 2020

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	O = GlobalSign nv-sa, C = BE			
204	CN = GlobalSign RSA DV SSL CA 2018, O = GlobalSign nv-sa, C = BE	9E898ED03FA46969690DAD73C7296675045FF9B5A0100A399BEB8435A98F5185	Yes	Revoked on January 20, 2021
205	CN = Soluti CA - DV, O = SOLUTI - SOLUCOES EM NEGOCIOS INTELIGENTES S/A, L = Goiânia, ST = Goiás, C = BR	A74FFFF528471905385073ADF3997019B26F4FAF24BCE9102A272E7A4484E4BC	No	Revoked on July 11, 2020
206	CN = AlphaSSL CA - SHA256 - G3, O = GlobalSign nv-sa, C = BE	4C013B8854689CB6626CC087B4D4FCCA45104E2D73BFADF33A6979ED124B7837	No	Revoked on December 09, 2020
207	CN = SHECA DV Secure Server CA, ST = Shanghai, L = Shanghai, O = Shanghai Electronic Certificate Authority Center Co., Ltd., C = CN	393B8B15CABC3886FB2E416495D63C8BADD8DCAF87552076C8A0A9637C24DE47	Yes	Parent revoked on July 11, 2020
208	CN = Valid Certificadora Digital AlphaSSL CA 2018, O = VALID CERTIFICADORA DIGITAL, OU = VALID AlphaSSL, L = SÃO PAULO, ST = SÃO PAULO, C = BR	385135AB18DD190A03BCC0601ACA6F83CEA366642791EBE0A2FDB059C2F7750A	No	Parent revoked on July 11, 2020
209	CN = Valid Certificadora Digital SSL DV CA 2018, O = VALID CERTIFICADORA DIGITAL, OU = VALID SSL DV, L = SÃO PAULO, ST = SÃO PAULO, C = BR	62B48F51E5868676FD79B9DD9DB98BA928494BA734403C583393C42CE00AD448	No	Parent revoked on July 11, 2020
210	CN = Cloudflare ECC DV CA, O = Cloudflare, Inc., L = San Francisco, ST = CA,	0F4517487FD0A8BA3194A6122450A7B32C987FFF16F2D4AF54E6EDB6FED68E08	No	Revoked on September 16, 2020

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	C = US			
211	CN = Cloudflare RSA DV CA, O = Cloudflare, Inc., L = San Francisco, ST = CA, C = US	D439F88E8F2F80A306F910DCDE548D71BBFD99A85FC7034EFB610E3749550932	No	Revoked on September 16, 2020
212	CN = AlphaSSL CA - G2, O = AlphaSSL	1DCA65B86A57336BA5AFB7214A36F7D6EDE698EB4F03387CB3AD6BBD3A93BAB6	No	Revoked on December 09, 2020
213	CN = GlobalSign Domain Validation CA - G2, O = GlobalSign nv-sa, C = BE	E87EA2BED6C6203B2C55B00FE49D2876FBA64702105AEB748B865A918B5C7D27	No	Revoked on December 09, 2020
214	CN = GlobalSign Domain Validation CA - G2, O = GlobalSign nv-sa, C = BE	BA0E2B6BF2C98ED2C3B1C1C08A1BBDCAF9270AC528A3194301DD2A0B6B67B9B3	No	Revoked on December 09, 2020
215	CN = GlobalSign Domain Validation CA - G2, O = GlobalSign nv-sa, C = BE	4E153A588877688F1A0C103A084C2EDB3AD1D8C480CF03D8AB6FED47D9204370	No	Revoked on December 09, 2020
216	CN = GlobalSign Atlas R3 AlphaSSL CA H1 2021, O = Globalsign nv-sa, C = BE	1ABC5AD5BC3911A5B4A91E42BBA3212E2AA3DC80147EFE1D49572E4BE0532633	No	

**OV SSL Issuing CAs**

#	Subject	Fingerprint SHA-256	Issuance during the period?	Additional information
217	CN = GlobalSign Organization Validation CA - SHA256 - G3, O = GlobalSign nv-sa, C = BE	699D54B7482A5D329331EA0415CC2EDCD60FDA01D19E71D054196BCE0677735C	Yes	
218	CN = Prodrive Technologies B.V. OV SSL Issuing CA, O = Prodrive Technologies B.V., C = NL	580BB3AB127F5E13E940AE7365E3C69A62AD204D7FDFA451592FE7C47DC02A95	Yes	

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219	CN = SHECA OV Secure Server CA, O = Shanghai Electronic Certificate Authority Center Co., Ltd., C = CN	AD7B58C3C5D9586BE5B62799C2792C4111C9852A96F7B0607221265713957E 1C	Yes	
220	CN = Soluti CA - OV, O = SOLUTI - SOLUCOES EM NEGOCIOS INTELIGENTES S/A, C = BR	AB74B1411AD23E2227FB88A2A9304A1A45A5C4840B3635F1036A46E8374279 AC	Yes	
221	CN = Valid Certificadora Digital SSL OV CA 2018, O = VALID CERTIFICADORA DIGITAL, C = BR	6B4F9DE13678846730D50E914A08E7BE9B742CA3A0A7D5393367830B93A6F 553	Yes	
222	CN = ATT Atlas R3 OV TLS CA 2020, O = ATT Services Inc, C = US	DC2728331312E75C4D7B442F3BDDA790CB77A9D6AC854D5BCE18AC43CA5 9909A	Yes	
223	CN = CrowdStrike GCC R3 TLS OV CA 2020, O = CrowdStrike Inc., C = US	78CB512DE48CEDCD7134DF57C973C1E1A07692B8F542A44ACEBB8BB776D 55D59	Yes	
224	CN = DPDHL Global TLS CA - I5, O = Deutsche Post AG, C = DE	32A4E554E363116FE48E22F01DAC1736752A71C720F99F462D565022D3BAD 07D	Yes	
225	CN = GlobalSign Atlas ECCR5 OV TLS CA 2020-12, O = GlobalSign nv-sa, C = BE	2EB8A1317288F08233E6883CEBE67EA6A0989E22ACA42C58D59F5A834E02C 513	No	
226	CN = GlobalSign Atlas R3 OV TLS CA 2020-12, O = GlobalSign nv-sa, C = BE	A6032CC352F1E2E3628E162A3047BC7D647E2D601A2C0F26CAAF9AAF7A54 239C	No	
227	CN = GlobalSign CloudSSL CA - SHA256 - G3, O = GlobalSign nv-sa, C = BE	4B7334E1D8999822BAFA8FF6888125389B18A4E5AB26FFA624C7F68FDC81F 0CB	Yes	
228	CN = GlobalSign CloudSSL CA - SHA256 - G3, O = GlobalSign nv-sa, C = BE	E0C2EBD1F6BAD4FEAAE31A3107E69ABEE902DB38B9DFBE33F0570BDA349 4C20A	Yes	

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229	CN = GlobalSign ECC CloudSSL CA - SHA384 - G3, O = GlobalSign nv-sa, C = BE	B0CD6AE7B9E20EC5F830FEE01F666D5D90E6E229D06BC46A30ACCEDFEC889648	Yes	
230	CN = GlobalSign ECC OV SSL CA 2018, O = GlobalSign nv-sa, C = BE	87C71553445EB3C33C3E0710711B99E9C7773F04D91AC38A9F4C082EE24101EA	Yes	
231	CN = GlobalSign ECC384 SSL CA - G3, O = GlobalSign nv-sa, C = BE	DC6C44AC8A3CD5C3451273F4431526B2EF666062EE763258A928F60BD08E39FE	No	
232	CN = GlobalSign Organization Validated CA - SHA256 - G4, O = GlobalSign nv-sa, C = BE	1E1741A12EB8DA2BD76EA96C04F520359839710F620E80952F48DD0240A12CD8	Yes	
233	CN = GlobalSign Organization Validated ECC CA - SHA256 - G4, O = GlobalSign nv-sa, C = BE	65EEC0CC6C970CC1CD73659115DC8D904E6F12E6DC8FD4DDA39D54CB30224780	Yes	
234	CN = GlobalSign Organization Validation CA - SHA256 - G2, O = GlobalSign nv-sa, C = BE	1C9737E968AD9DFF8D8D7FCF996A144BB97851A19011A0190C943CAE8D43CFE0	Yes	
235	CN = GlobalSign RSA OV SSL CA 2018, O = GlobalSign nv-sa, C = BE	B676FFA3179E8812093A1B5EAFEE876AE7A6AAF231078DAD1BFB21CD2893764A	Yes	
236	CN = ICPEdu, O = Rede Nacional de Ensino e Pesquisa - RNP, C = BR	D5E84D9A677E6CDA72DD1C1BA7AD8DDFC25EFAC220C8A9571CEC27C107555702	Yes	
237	CN = GlobalSign Organization Validation CA - SHA256 - G2, O = GlobalSign nv-sa, C = BE	74EF335E5E18788307FB9D89CB704BEC112ABD23487DBFF41C4DED5070F241D9	Yes	

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238	CN = GlobalSign Organization Validation CA - SHA256 - G2, O = GlobalSign nv-sa, C = BE	0B339212D7CFF17A2C59E35669B58E77350133750A78DA9404770EDD470DE F76	Yes	
239	CN = RNP ICPEdu OV SSL CA 2019, O = Rede Nacional de Ensino e Pesquisa - RNP, C = BR	88FC18BD071BE1FBC53FFBC801F03F5B2C4DA87BBA0C098E2B4808F19EAB 05FE	Yes	
240	CN = Trusted Root TLS CA SHA256 G3, O = GlobalSign nv-sa, C = BE	91F19CE503C9FE7FF9587D8EFBEF7315AAEE77DC2D14526126493B4AD6FE 801F	Yes	
241	CN = GlobalSign CloudSSL CA - SHA256 - G3, O = GlobalSign nv-sa, C = BE	E155EBF96334E79AE2E287D55CFC9185DE24935A653F13C5BA05AFF818771 BC6	No	
242	CN = GlobalSign CloudSSL CA - SHA256 - G3, O = GlobalSign nv-sa, C = BE	C2E4236DB1B757B51B77921388EFA823E6A600FD4BDA30B63AB77886F2561 8B7	No	
243	CN = ATT Organization Validated CA 2019, ST = Texas, L = Austin, OU = ATT Business Wi-Fi Services, O = ATT Services Inc, C = US	7AA45D6F5B14DAB1C6844C19C2804E14B5811E6EDE1F02B0AEF065A7B359 C68F	Yes	Revoked on September 30, 2020
244	CN = DPDHL Global TLS CA - I4, ST = Nordrhein-Westfalen, L = Bonn, O = Deutsche Post AG, C = DE	94C663E9EA5C27EE4F64127F9B425863E991A9E156C07DF1A00803AE31764 162	Yes	Revoked on September 30, 2020
245	CN = CrowdStrike OV SSL Issuing CA 2020, O = CrowdStrike Inc., C = US	AE03B9AD17106A28785830B1DCD636797C4C64D81CB8D161595DBAF83433 E64C	No	Parent revoked on July 11, 2020

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246	CN = Trusted Root CA G2, O = GlobalSign nv-sa, OU = Trusted Root, C = BE	6E32A35B599E9087BB1AB35CE73022EC2E26AF34BE388919419C95700CD8E7FB	No	Revoked on July 11, 2020
247	CN = Trusted Root CA SHA256 G2, O = GlobalSign nv-sa, OU = Trusted Root, C = BE	01FD73EF5E70F526FC9C11F65FE2EE6F7125B3693949227FFD8E459E583C458A	Yes	Revoked on July 11, 2020
248	CN = Beame.io CA 2, O = Beame.io Ltd, L = Tel Aviv-Jaffa, ST = Tel Aviv, C = IL	CF6E6B82C997CB5CC1A55066AF5F60CAAC77594EB106FB4D498BC50ECDEB8A3A	No	Parent revoked on July 11, 2020
249	CN = RNP ICPEdu OV SSL CA 2019, ST = Rio de Janeiro, L = Rio de Janeiro, OU = Gerencia de Servicos (GSer), O = Rede Nacional de Ensino e Pesquisa - RNP, C = BR	42CFDDA6F660B8E5B4C1C411965A4519312559E3262F8DB69D2DAE17B26B3BA3	Yes	Parent revoked on July 11, 2020
250	CN = Soluti CA - OV, O = SOLUTI - SOLUCOES EM NEGOCIOS INTELIGENTES S/A, L = Goiânia, ST = Goiás, C = BR	E6E929C8456C014E8DA733ACE4E9814552272B81176050A13EA45A823200B14B	Yes	Revoked on July 11, 2020
251	CN = SHECA OV Secure Server CA, ST = Shanghai, L = Shanghai, O = Shanghai Electronic Certificate Authority Center Co., Ltd., C = CN	77EAC476453CB732257FF166A5EBD1656CB1F673B68E28DF41774133979FA2A4	Yes	Parent revoked on July 11, 2020
252	CN = Valid Certificadora Digital SSL OV CA 2018, O = VALID CERTIFICADORA DIGITAL, OU = VALID SSL OV, L = SÃO PAULO, ST = SÃO PAULO, C = BR	600E97601B0BBC5F056F04EEF671EF580F2A8583C6D2D3FAD401B9D820AA8836	Yes	Parent revoked on July 11, 2020

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253	CN = Prodrive Technologies B.V. OV SSL Issuing CA, O = Prodrive Technologies B.V., OU = IT Services, L = Son, ST = Noord-Brabant, C = NL	398B1499CE00A25F61CAC3D8BEE571601880823EF288BE9772A4D13398422595	Yes	Parent revoked on July 11, 2020
254	CN = GlobalSign Organization Validation CA - G2, O = GlobalSign nv-sa, C = BE	A66422C4E449D465CB023A7FC7633DE8ED1816985CA41093FC96B3663ED7A43B	No	Revoked on December 09, 2020
255	CN = GlobalSign Organization Validation CA - G2, O = GlobalSign nv-sa, C = BE	082B243047BF00F584401F538B504BAE9EC060E007FFF28B159C08417068654E	No	Revoked on December 09, 2020
256	CN = Beame.io CA 1, O = Beame.io Ltd, L = Tel Aviv-Jaffa, ST = Tel Aviv, C = IL	43263913B483EB6F0B020540F8F7BE0A1D7C9CE7652FE0FB4743D7213393551C	Yes	Parent revoked on July 11, 2020
257	CN = ICPEdu, O = Rede Nacional de Ensino e Pesquisa - RNP, OU = Gerencia de Servicos (GSer), L = Rio de Janeiro, ST = Rio de Janeiro, C = BR	EACBA6C96598B4A41FD53D69AB9ED9FBBB1381154C453456720C174FFE576D1D	Yes	Parent revoked on July 11, 2020
258	CN = Beame.io CA 1, O = Beame.io Ltd, C = IL	0D36F6A2299E9E268F94ADB49E57E6717D713C3F47B889C40DCDC8CFE940CB80	Yes	
259	CN = GlobalSign Organization Validation CA - G2, O = GlobalSign nv-sa, C = BE	A6233ECB77053F72937E894372A601ED3ABEA90CC3B5D89512720BF3FFCBDC9D	No	Revoked on December 9, 2020

**EV SSL Issuing CAs**

#	Subject	Fingerprint SHA-256	Issuance during the	Additional information
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			period?	
260	CN = Soluti CA - EV, O = SOLUTI - SOLUCOES EM NEGOCIOS INTELIGENTES S/A, C = BR	11FBA4A7EE579C70E1D57F9F9B6A8C209E1219C4F1D3846F83FFCE74E9E5 E2CE	Yes	
261	CN = Valid Certificadora Digital SSL EV CA 2018, O = VALID CERTIFICADORA DIGITAL, C = BR	8AEFEBD88BE87A30B19C60C5BD0FB5E9FBCD15D5582D5FC9A7499578D68 DCEC0	Yes	
262	CN = GlobalSign Atlas E46 EV TLS CA 2020, O = GlobalSign nv-sa, C = BE	364DF25CC88F6FB0202C02CD9B8EA02DFE8AC02341EFF5A9DFFC5BE159E D5991	Yes	
263	CN = GlobalSign Atlas R46 EV TLS CA 2020, O = GlobalSign nv-sa, C = BE	E1E15D289697AF3285BF34112A3E60BC11C0C8122DD2B9B3420AB2E5E5788 3CA	Yes	
264	CN = GlobalSign Atlas R6 EV TLS CA 2020, O = GlobalSign nv-sa, C = BE	BCE7091355D2417A37F8CFE2AC8F17C2748888BA0EEA90000FC980ECFC2D 041F	Yes	
265	CN = GlobalSign ECC EV SSL CA 2018, O = GlobalSign nv-sa, C = BE	8F19FFE02FC795ED70765D1436ADDF772FE0F0773DA436EDBDB42A2E30E2 E828	Yes	
266	CN = GlobalSign ECC384 EV SSL CA - G3, O = GlobalSign nv-sa, C = BE	15549187490314F5177641F0BEB32634AA1230EB2CF2C28AD9C73914FB18AB A0	No	
267	CN = GlobalSign Extended Validation CA - SHA256 - G3, O = GlobalSign nv-sa, C = BE	AED5DD9A5339685DFB029F6D89A14335A96512C3CACC52B2994AF8B6B37F A4D2	Yes	
268	CN = GlobalSign R6 RSA EV SSL CA 2019, O = GlobalSign nv-sa, C = BE	57264B82A864DBA1C11EF3F80ABB94CAC3660662B0C22F571FF993B3FBCF 76FB	Yes	Revoked on July 08, 2020
269	CN = GlobalSign ECC EV SSL CA 2019,	0D3176C58F321AA34C57C8DF7C17D1F4E76C797EC116C9F1D697748ED1FC E7D9	No	Revoked on July 08, 2020

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	O = GlobalSign nv-sa, C = BE			
270	CN = GlobalSign RSA EV SSL CA 2019, O = GlobalSign nv-sa, C = BE	0D6E46784F3B694E9C7506786417BC6F87F9D2F73D19B5E8081612B21137B766	Yes	Revoked on July 08, 2020
271	CN = Soluti CA - EV, O = SOLUTI - SOLUCOES EM NEGOCIOS INTELIGENTES S/A, L = Goiânia, ST = Goiás, C = BR	BB170B39784D02784325CEA938D92314C617DDE808C867E33E2AD161D54B3E8A	Yes	Parent revoked on July 11, 2020
272	CN = SHECA EV Secure Server CA, ST = Shanghai, L = Shanghai, O = Shanghai Electronic Certificate Authority Center Co., Ltd., C = CN	147C447FEEB86202B503314FCAF0036BEAAEF437C39B56B358EC446A9D20387F	No	Parent revoked on July 11, 2020
273	CN = GlobalSign EC Administration CA2, O = GlobalSign nv-sa, C = BE	C883B3ECC6AC0DEE75CDD585E73A209287BC0C9F9D79D488860F63E2EA8A7D2C	Yes	Revoked on December 09, 2020
274	CN = Valid Certificadora Digital SSL EV CA 2018, O = VALID CERTIFICADORA DIGITAL, OU = VALID SSL EV, L = SÃO PAULO, ST = SÃO PAULO, C = BR	27FA1BE4F4B56A142A47A56A7E94B72502059B4022E4623E748CA1EF151CF222	Yes	Parent revoked on July 11, 2020
275	CN = GlobalSign Extended Validation CA - SHA256 - G2, O = GlobalSign nv-sa, C = BE	5BB2382D20E09AE56B4F3A5157838F7BAE49E42E3CE53484D66EEB2C0747EF4A	No	Revoked on January 20, 2021
276	CN = GlobalSign R6 Admin CA - SHA256 - G3, O = GlobalSign nv-sa, C = BE	C5B679106958152F83FB5886DDC41F0785193EF67C6975BE3E509F17F29B7A86	Yes	Revoked on July 08, 2020
277	CN = GlobalSign GCC E46 EV QWAC CA 2020,	AA76C50166CD1B865B78D795C2C87A48D4A6229E65F8B38DBD005154EB2ED2DC	No	

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	O = GlobalSign nv-sa, C = BE			
278	CN = GlobalSign GCC E46 UK EV QWAC CA 2020, O = GMO GlobalSign Ltd, C = GB	8814C0688344DE0F21AD1BD076E9F3248AF430E4FE760952E3A150DFAEDC E016	No	
279	CN = GlobalSign GCC R3 EV QWAC CA 2020, O = GlobalSign nv-sa, C = BE	D4A5941C7141ED1949A0C6CE9DD45A0AB94DC337902EB0A1209852738EEB E854	Yes	
280	CN = GlobalSign GCC R3 UK EV QWAC CA 2020, O = GMO GlobalSign Ltd, C = GB	A33017D9DF494C09D58709107403AEE461B9461E81BA395C28C36693C27D1 986	No	
281	CN = GlobalSign RSA EV QWAC CA 2019, O = GlobalSign nv-sa, C = BE	EDC734C501501DC7A27448FA02C74931F8578BF297B173F34B841E82C6691 926	Yes	Revoked on February 24, 2021
282	CN = GlobalSign GCC E5 EV QWAC CA 2021, O = GlobalSign nv-sa, C = BE	0DD2C7E0AF8200F49F4192A89AE634D4CE41B80C63B0629CC68E538C316F 020E	No	
283	CN = GlobalSign GCC E5 UK EV QWAC CA 2021, O = GMO GlobalSign Ltd, C = GB	0966A88729C938F9DCD65BB3C63B608618EAE5183ED1FED752B323089687A 20E	No	

### Non-EV Code Signing Issuing CAs

#	Subject	Fingerprint SHA-256	Issuance during the period?	Additional information
284	CN = GlobalSign GCC R45 CodeSigning CA 2020, O = GlobalSign nv-sa, C = BE	74D499A72D0BA5D4DDEC55805ECF157C891E45E5D490A19DC5FD4476954E 774B	Yes	
285	CN = GlobalSign CodeSigning CA - G3, O = GlobalSign nv-sa, C = BE	4047C9D69260C07213BCB8608A7EC5E2838A56B79F67847812EAC0778D0D2 7F1	Yes	

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286	CN = GlobalSign CodeSigning CA - G2, O = GlobalSign nv-sa, C = BE	FFFE077503FD72F0E5338B0A7B4E218E7D1FF82E493E7E852AE51AA1C7585 D17	No	
287	CN = GlobalSign CodeSigning CA - SHA256 - G2, O = GlobalSign nv-sa, C = BE	BE40813869AB27A071D12AD6A8830583EBC3B618E3F2346359F4B11A1C943 4EE	No	
288	CN = GlobalSign CodeSigning CA - SHA256 - G3, O = GlobalSign nv-sa, C = BE	FB54EEA9BCE8E9EA9782154F3D414277FB709F49B947D73978AC278546C2C E03	Yes	

### EV Code Signing Issuing CAs

#	Subject	Fingerprint SHA-256	Issuance during the period?	Additional information
289	CN = GlobalSign GCC R45 EV CodeSigning CA 2020, O = GlobalSign nv-sa, C = BE	CD0E144DD10BAC221FE2FB901058D16450A0578B3C47C770908F2E9ADA28 EF12	Yes	
290	CN = GlobalSign Extended Validation CodeSigning CA - SHA256 - G2, O = GlobalSign nv-sa, C = BE	1E864278C20881B671C0C6D2E14B61150AD1F13CF92C6EC14B550DCBC47E 1541	No	
291	CN = GlobalSign Extended Validation CodeSigning CA - SHA256 - G3, O = GlobalSign nv-sa, C = BE	DD038E87E0B4D2C369680D3DE78638AB39FC1D7E50632996921101768DB8D 4D8	Yes	

### Timestamp CAs

#	Subject	Fingerprint SHA-256	Issuance during the period?	Additional information
292	2.5.4.97 = NTRBE-0459134256, CN = GlobalSign Atlas R45 Qualified Timestamping CA 2020, O = GlobalSign nv-sa,	D86E6264D58E4CA78AF419740D8186EA8EC48F0C33B4B4D7CA027931D627 B1C8	Yes	

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	C = BE			
293	2.5.4.97 = NTRGB-04705639, CN = GlobalSign Atlas R45 UK Qualified Timestamping CA 2020, O = GMO GlobalSign Ltd, C = GB	4C03F2D6941F2DFCA27EDC599F385E6CD3FFD0CC842F2CCB95B77580A2D 1FF93	No	
294	CN = GlobalSign Qualified Time Stamping CA 2019, O = GlobalSign nv-sa, C = BE	74ABE5E5CCEB75491FF72C4CF325405D8ADBFE390E189CF430BA60E62798 878E	No	
295	CN = GlobalSign Partners Timestamping CA - SHA384 - G4, O = GlobalSign nv-sa, C = BE	2A015531A5F3A4CE589BD853C71DD069587322F574D85C9C9B9F9DF8F86C0 75E	Yes	
296	CN = GlobalSign Timestamping CA - SHA384 - G4, O = GlobalSign nv-sa, C = BE	F642418E4D0C63DEC785C960EFA68BA745F38851744EF81F225CB89305314 D50	Yes	
297	2.5.4.97 = NTRBE-0459134256, CN = GlobalSign Atlas ECCR5 Qualified Timestamping CA 2020, O = GlobalSign nv-sa, C = BE	E55A4FE881A4B0433674EC0E5CC261A99CCE3FEF649528C7218085BEDCD1 1512	No	
298	2.5.4.97 = NTRGB-04705639, CN = GlobalSign Atlas ECCR5 UK Qualified Timestamping CA 2020, O = GMO GlobalSign Ltd, C = GB	40382F8827B75D25705A6B3DA32533C5F4218BD7FA697CB0B300E8F47047F BC9	No	
299	CN = GlobalSign Partners TSA CA for AATL, O = GlobalSign nv-sa, C = BE	7E8F914119BB1090D6204908E5AE1F40BE24C1491CD7D5CFB6A93618CBC0 0FD9	No	
300	CN = GlobalSign Timestamping CA - G3, O = GlobalSign nv-sa, C = BE	95C6A747DD0BC755A1941827E894B8083592241B792541E2EB1B30FB9B13F5 7F	No	
301	CN = GlobalSign Timestamping CA - SHA256 - G3, O = GlobalSign nv-sa,	BE33D1C57EBDDD927B57BDB604BE457B552FE568E7F3DCBA093C39ED1C3 0A239	No	

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	C = BE			
302	CN = GlobalSign TSA CA for AATL, O = GlobalSign nv-sa, C = BE	4D8EB49380EC72AC9FDF21FE1C6DB2E9490C76BEADD1F7B528C3CCD272C8FE28	No	
303	CN = GlobalSign Timestamping CA - SHA256 - G2, O = GlobalSign nv-sa, C = BE	9BF9496777D14425ED0086C1BB2C0707B62A61C194C5162E4F07637AFF166B76	No	
304	CN = GlobalSign Timestamping CA - R3, O = GlobalSign, OU = Timestamping CA	61C1067083AE044EF1D649CE590BBF09D9D739E025DA8D195F71CFAAD6EBAE69	No	
305	CN = GlobalSign Timestamping CA - G2, O = GlobalSign nv-sa, C = BE	C977923C771E1A66C925A2B6F501732E678DC9887AFE6BFAAC039D1D9A71F0EC	No	
306	CN = GlobalSign Timestamping CA, O = GlobalSign, OU = Timestamping CA	D0CAE6947BC77F0B495CA808D6CDE685FCD20225E1E530B635B113ED40728EF3	No	
307	2.5.4.97 = NTRBE-0459134256, CN = GlobalSign Qualified Timestamping ECC CA 2020, O = GlobalSign nv-sa, C = BE	C2FEACD674878C7B0C2325A2ECED0A333DB7780A86DFEC3758100EFC0101C665	No	Revoked on July 08, 2020
308	2.5.4.97 = NTRBE-0459134256, CN = GlobalSign Qualified Timestamping CA 2020, O = GlobalSign nv-sa, C = BE	FD8B39230117A7E4D060E39489F4FE30662BAFE624A29E43B133615BABC63C20	No	Revoked on July 08, 2020

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**GlobalSign**  
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## Appendix C – Locations

<b>Location Identifier</b>	<b>Country</b>	<b>State / Province</b>
BE-01	Belgium	Vlaams-Brabant
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	National Capital Region
RU-01	Russia	Moscow
SG-01	Singapore	Central Singapore
SG-02	Singapore	Central Singapore
UK-01	United Kingdom	Kent
UK-02	United Kingdom	Greater London
UK-03	United Kingdom	Greater London
US-01	United States	New Hampshire



## Appendix D – Publicly disclosed incidents

#	Disclosure	Publicly Disclosed Link
1	GlobalSign: SSL Certificates with US country code and invalid State/Prov	<a href="#">Bugzilla Ticket Link</a>
2	GlobalSign: ICAs in CCADB, without EKU extension are listed in WTCA report but not in WTBR report	<a href="#">Bugzilla Ticket Link</a>
3	GlobalSign: Failure to revoke noncompliant ICA within 7 days	<a href="#">Bugzilla Ticket Link</a>
4	GlobalSign: OCSP Status HTTP 530	<a href="#">Bugzilla Ticket Link</a>
5	GlobalSign: Misissuance of QWAC Certificates	<a href="#">Bugzilla Ticket Link</a>
6	GlobalSign: Failure to revoke 2 noncompliant QWACs within 5 days	<a href="#">Bugzilla Ticket Link</a>
7	GlobalSign: Certificate issued with RSASSA-PSS public key	<a href="#">Bugzilla Ticket Link</a>
8	GlobalSign: Failure to revoke key-compromised certificate within 24 hours	<a href="#">Bugzilla Ticket Link</a>
9	GlobalSign: Incorrect OCSP Delegated Responder Certificate	<a href="#">Bugzilla Ticket Link</a>
10	GlobalSign: Cross Certificate with non-conforming CABF Policy OIDs	<a href="#">Bugzilla Ticket Link</a>
11	GlobalSign: Failure to revoke noncompliant ICA within 7 days	<a href="#">Bugzilla Ticket Link</a>
12	GlobalSign: Use of Domain Validation Random Value for more than 30 days	<a href="#">Bugzilla Ticket Link</a>
13	GlobalSign: Failure to revoke noncompliant certificates within 5 days	<a href="#">Bugzilla Ticket Link</a>
14	GlobalSign: Certificates with RSA keys where modulus is not divisible by 8	<a href="#">Bugzilla Ticket Link</a>
15	GlobalSign: Incorrect Jurisdiction of Incorporation information for Japan	<a href="#">Bugzilla Ticket Link</a>
16	GlobalSign: SHA-256 hash algorithm used with ECC P-384 key	<a href="#">Bugzilla Ticket Link</a>
17	GlobalSign: Empty SingleExtension in OCSP responses	<a href="#">Bugzilla Ticket Link</a>
18	GlobalSign: Failure to provide a preliminary report within 24 hours	<a href="#">Bugzilla Ticket Link</a>
19	GlobalSign: Invalid stateOrProvinceName value	<a href="#">Bugzilla Ticket Link</a>
20	GlobalSign: RSA-1024 leaf certificate issued after 2013-12-31	<a href="#">Bugzilla Ticket Link</a>
21	GlobalSign: Issuing CA certificate with wrong notBefore date	<a href="#">Bugzilla Ticket Link</a>