

Independent practitioner’s assurance report

To the Management of iTrusChina Co., Ltd (“iTrusChina”):

Scope

We have been engaged to perform a reasonable assurance engagement on the accompanying [management’s assertion](#) of iTrusChina Co., Ltd (“iTrusChina”) for its Certification Authority (CA) operations in Beijing, China for the period from January 9, 2023 to January 8, 2024 for its CAs as enumerated in [Appendix A](#), iTrusChina has:

- disclosed its business, key lifecycle management, certificate lifecycle management, and CA environmental control practices in its:
 - [iTrusChina Global-Trust Certification Practice Statement v1.5](#); and [iTrusChina Global-Trust Certificate Policy v1.5](#);
 - [iTrusChina Global-Trust Certification Practice Statement v1.5.1](#); and [iTrusChina Global-Trust Certificate Policy v1.5.1](#);
 - [iTrusChina Global-Trust Certification Practice Statement v1.5.2](#); and [iTrusChina Global-Trust Certificate Policy v1.5.2](#); and
 - [iTrusChina Global-Trust Certification Practice Statement v1.5.3](#); and [iTrusChina Global-Trust Certificate Policy v1.5.3](#),
- maintained effective controls to provide reasonable assurance that:
 - iTrusChina’s [iTrusChina Global-Trust Certification Practice Statement v1.5](#) is consistent with its [iTrusChina Global-Trust Certificate Policy v1.5](#);
 - iTrusChina’s [iTrusChina Global-Trust Certification Practice Statement v1.5.1](#) is consistent with its [iTrusChina Global-Trust Certificate Policy v1.5.1](#);
 - iTrusChina’s [iTrusChina Global-Trust Certification Practice Statement v1.5.2](#) is consistent with its [iTrusChina Global-Trust Certificate Policy v1.5.2](#);
 - iTrusChina’s [iTrusChina Global-Trust Certification Practice Statement v1.5.3](#) is consistent with its [iTrusChina Global-Trust Certificate Policy v1.5.3](#);
 - iTrusChina provides its services in accordance with its [iTrusChina Global-Trust Certificate Policy v1.5](#) and [iTrusChina Global-Trust Certification Practice Statement v1.5](#);
 - iTrusChina provides its services in accordance with its [iTrusChina Global-Trust Certificate Policy v1.5.1](#) and [iTrusChina Global-Trust Certification Practice Statement v1.5.1](#);
 - iTrusChina provides its services in accordance with its [iTrusChina Global-Trust Certificate Policy v1.5.2](#) and [iTrusChina Global-Trust Certification Practice Statement v1.5.2](#); and
 - iTrusChina provides its services in accordance with its [iTrusChina Global-Trust Certificate Policy v1.5.3](#) and [iTrusChina Global-Trust Certification](#)

[Practice Statement v1.5.3](#),

- 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 iTrusChina); and
 - subordinate CA certificate requests are accurate, authenticated, and approved,
 - maintained effective controls to provide reasonable assurance that:
 - logical and physical access to CA systems and data is restricted to authorized individuals;
 - the continuity of key and certificate management operations is maintained; and
 - CA systems development, maintenance, and operations are properly authorized and performed to maintain CA systems integrity,
- in accordance with the [WebTrust Principles and Criteria for Certification Authorities v2.2.2](#).

iTrusChina does not escrow its CA keys, does not provide subscriber key generation services, and does not provide certificate suspension services. Accordingly, our procedures did not extend to controls that would address those criteria.

Management's Responsibilities

iTrusChina's management is responsible for the management's assertion, including the fairness of its presentation, and the provision of its described services in accordance with the [WebTrust Principles and Criteria for Certification Authorities v2.2.2](#).

Our Independence and Quality Management

We have complied with the independence and other ethical requirements of the International Code of Ethics for Professional Accountants (including International Independence Standards) 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.

Our firm applies International Standard on Quality Management (ISQM) 1, which requires the firm to design, implement and operate a system of quality management including policies or procedures regarding compliance with ethical requirements, professional standards and applicable legal and regulatory requirements.

Practitioner’s Responsibilities

It is our responsibility to express an opinion on the management’s assertion of iTrusChina based on our work performed.

We conducted our work in accordance with International Standard on Assurance Engagements 3000 (Revised) “Assurance Engagements Other Than Audits or Reviews of Historical Financial Information”. This standard requires that we plan and perform our work to form the opinion.

A reasonable assurance engagement involves performing procedures to obtain sufficient appropriate evidence whether the management’s assertion of iTrusChina is fairly stated, in all material respects, in accordance with the [WebTrust Principles and Criteria for Certification Authorities – Version 2.2.2](#). The extent of procedures selected depends on the practitioner’s judgment and our assessment of the engagement risk. Within the scope of our work we performed amongst others the following procedures:

1. obtaining an understanding of iTrusChina’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.

The relative effectiveness and significance of specific controls at iTrusChina 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.

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

Inherent Limitation

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

Opinion

In our opinion, the management's assertion of iTrusChina, for the period from January 9, 2023 to January 8, 2024, is fairly stated, in all material respects, in accordance with the [WebTrust Principles and Criteria for Certification Authorities – Version 2.2.2](#).

Emphasis of Matter

Without modifying our opinion, we draw attention to the fact that this report does not include any representation as to the quality of iTrusChina's services beyond those covered by the [WebTrust Principles and Criteria for Certification Authorities – Version 2.2.2](#), nor the suitability of any of the iTrusChina's services for any customer's intended purpose.

Purpose and Restriction on Use of the report

The management's assertion of iTrusChina was prepared for obtaining and displaying the WebTrust Seal on iTrusChina website¹ using the [WebTrust Principles and Criteria for Certification Authorities – Version 2.2.2](#) designed for this purpose. As a result, the management's assertion of iTrusChina may not be suitable for another purpose. This report is intended solely for the Management of iTrusChina in connection with obtaining and displaying the WebTrust Seal on iTrusChina website after submitting the report to the related authority in connection with the [WebTrust Principles and Criteria for Certification Authorities – Version 2.2.2](#).

Our report is not to be used for any other purpose. We do not assume responsibility towards or accept liability to any other parties for the contents of this report.

1 The maintenance and integrity of the iTrusChina website is the responsibility of the directors of iTrusChina. The work carried out by the assurance provider does not involve consideration of these matters and, accordingly, the assurance provider accepts no responsibility for any differences between the accompanying management's assertion of iTrusChina on which the assurance report was issued or the assurance report that was issued and the information presented on the website.



Use of the WebTrust seal

ITrusChina'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.

A handwritten signature in black ink that reads 'PricewaterhouseCoopers'. The signature is written in a cursive, flowing style.

PricewaterhouseCoopers
Certified Public Accountants

Hong Kong, 27 March 2024

Appendix A – In-Scope CAs

The list of keys and certificates covered in the management assessment is as follow:

CA #	Cert #	Subject	Issuer	Serial	Key Algorithm	Key Size	Digest Algorithm	Not Before	Not After	SKI	SHA256 Fingerprint
1	1	CN = vTrus Root CA O = iTrusChina Co.,Ltd. C = CN	CN = vTrus Root CA O = iTrusChina Co.,Ltd. C = CN	43 e3 71 13 d8 b3 59 14 5d b7 ce 8c fd 35 fd 6f bc 05 8d 45	RSA Encryption	(4096 bits)	sha256With RSAEncryption	31 July 2018 15:24:05	31 July 2043 15:24:05	54 62 70 63 f1 75 84 43 58 8e d1 16 20 b1 c6 ac 1a bc f6 89	8A71DE6 559336F 426C26E 53880D 00D88A 18DA4C 6A91Fo DCB6194 E206C5 C96387
1	2	CN = vTrus OV SSL CA O = iTrusChina Co.,Ltd. C = CN	CN = vTrus Root CA O = iTrusChina Co.,Ltd. C = CN	23 03 01 e5 d6 9a c8 93 od 62 33 94 ff d2 a0 91 7c 0e 7e 7b	RSA Encryption	(2048 bits)	sha256With RSAEncryption	13 December 2023 11:19:22	10 December 2033 11:19:22	e4 72 c3 a7 32 98 7b c2 a1 5b 02 70 87 54 94 71 84 bo fd e6	2CF5539 249A9E3 8FC010E 29FF3E8 046658F 3D030B 9331047 3687FA9 1F8DA4 4CA

CA #	Cert #	Subject	Issuer	Serial	Key Algorithm	Key Size	Digest Algorithm	Not Before	Not After	SKI	SHA256 Fingerprint
2	2	CN = vTrus EV SSL CA O = iTrusChina Co.,Ltd. C = CN	CN = vTrus Root CA O = iTrusChina Co.,Ltd. C = CN	7d 74 6e a3 6e 21 36 27 0e 8f c2 e2 45 6d 22 9c b9 0c 80 b7	RSA Encryption	(2048 bits)	sha256With RSAEncryption	31 July 2018 15:31:06	31 July 2038 15:31:06	f0 72 d9 34 39 35 48 a4 ba 5d 11 73 da df 07 e3 cb 11 84 00	F3AA6D 712A15F 63F8350 804979D B542419 A61B2B1 D22E756 C417ABF E8D74A 3CA
3	2	CN = vTrus DV SSL CA O = iTrusChina Co.,Ltd. C = CN	CN = vTrus Root CA O = iTrusChina Co.,Ltd. C = CN	47 b6 12 of eb d5 e7 25 4c 99 de 1c dc dd 53 5a d3 5f 99 76	RSA Encryption	(2048 bits)	sha256With RSAEncryption	13 December 2023 11:21:40	10 December 2033 11:21:40	63 af fd 9f e6 69 67 19 f5 bf 18 e9 9c fd 75 19 9e 2f fb fe	0A85075 DD6B38 2EAB314 49823D B8BED6 B61A441 714165E 33FACA 42CD9C 8DEC2A
4	2	CN = vTrus Document Signing CA O = iTrusChina Co.,Ltd. C = CN	CN = vTrus Root CA O = iTrusChina Co.,Ltd. C = CN	4e cf 53 2a 91 cd 68 44 cd c6 83 9b 66 11 0a b2 d2 d9 31 9b	RSA Encryption	(2048 bits)	sha256With RSAEncryption	14 October 2021 11:24:59	14 October 2041 11:24:59	4b c4 32 db 71 97 3e da ea 94 c7 19 92 3c c8 09 65 23 88 1b	B5C3EF C7BA547 B66318C 23C93E0 FB18301 DB84AD A233B19 C9F2F26 F5D64C 3559

CA #	Cert #	Subject	Issuer	Serial	Key Algorithm	Key Size	Digest Algorithm	Not Before	Not After	SKI	SHA256 Fingerprint
5	2	CN = vTrus Time Stamping CA O = iTrusChina Co.,Ltd. C = CN	CN = vTrus Root CA O = iTrusChina Co.,Ltd. C = CN	13 ac 9f of 9b 2f e2 10 e0 6a 96 88 8c 4e ee 1c 49 04 0e a4	RSA Encryption	(4096 bits)	sha256With RSAEncryption	14 October 2021 11:28:32	14 October 2041 11:28:32	31 0b da ae 5d 96 43 f7 cb 13 11 ba 48 f7 00 ad dd 5a 29 ff	F7291D1E8BCC7583AC3FA83977C6C5EBC784A118A397647A9FC37EF85E14DF5C
6	2	CN = vTrus FastSSL CA G1 O = iTrusChina Co.,Ltd. C = CN	CN = vTrus Root CA O = iTrusChina Co.,Ltd. C = CN	48 15 cb de 3d 2b e0 64 75 f3 79 3f b9 4e 64 a0 73 d2 1b fa	RSA Encryption	(2048 bits)	sha256With RSAEncryption	13 December 2023 11:18:07	10 December 2033 11:18:07	e5 51 97 ea c9 32 02 55 56 8f 20 7e 02 df b8 6d 02 db 6c 32	3B83EB5D7A9A5AF06275A0A1C1B35BD562622A5521E2699F25559328B8829058
7	2	CN = vTrus YunSSL DV CA O = iTrusChina Co.,Ltd. C = CN	CN = vTrus Root CA O = iTrusChina Co.,Ltd. C = CN	1f f2 f8 8b 5b f9 fd 73 8b ec 90 ab af db 50 1a fe 74 ea da	RSA Encryption	(2048 bits)	sha256With RSAEncryption	13 December 2023 11:16:17	10 December 2033 11:16:17	47 17 f5 bf 9c 28 5d a8 70 25 fa 6a b2 3f 76 ad 96 27 80 c5	A7D7285843B89B134F852CB52A6F431938257C826D699AA806C894A0A1CDB847

CA #	Cert #	Subject	Issuer	Serial	Key Algorithm	Key Size	Digest Algorithm	Not Before	Not After	SKI	SHA256 Fingerprint
2	1	CN = vTrus ECC Root CA O = iTrusChina Co.,Ltd. C = CN	CN = vTrus ECC Root CA O = iTrusChina Co.,Ltd. C = CN	6e 6a bc 59 aa 53 be 98 39 67 a2 d2 6b a4 3b e6 6d 1c d6 da	ECDSA Encryption	ECC(384 bits)	sha384WithECDSAEncryption	31 July 2018 15:26:44	31 July 2043 15:26:44	98 39 cd be d8 b2 8c f7 b2 ab e1 ad 24 af 7b 7c a1 db if cf	30FBBA2C32238E2A98547AF97931E550428B9B3F1C8EEB6633DCF A86C5B27DD3
8	2	CN = vTrus ECC OV SSL CA O = iTrusChina Co.,Ltd. C = CN	CN = vTrus ECC Root CA O = iTrusChina Co.,Ltd. C = CN	46 0a 85 46 79 6f d1 39 ba 62 ed 86 d7 63 46 94 21 29 b7 a4	ECDSA Encryption	ECC(256 bits)	sha384WithECDSAEncryption	13 December 2023 11:23:58	10 December 2033 11:23:58	35 f9 ef ce 60 77 6f bb co 9f 68 27 1a 87 83 04 70 88 15 c6	42E46C4487459128517649731457B6AE20099D541BD182C5497B2E67E6FFD0F6
9	2	CN = vTrus ECC EV SSL CA O = iTrusChina Co.,Ltd. C = CN	CN = vTrus ECC Root CA O = iTrusChina Co.,Ltd. C = CN	30 22 82 d6 6d f3 b3 7a 7f 5b f3 73 d4 ae 8e 7c 5c 12 53 76	ECDSA Encryption	ECC(256 bits)	sha256WithECDSAEncryption	31 July 2018 15:39:20	31 July 2038 15:39:20	bf 16 c1 25 06 61 18 61 6b e1 30 19 08 3f 7e 54 27 03 b7 5b	BD30CoD1E7ACB83EFC4F5F6C62F8F3A579BAB27527AFAE666C696C3A867175F1

CA #	Cert #	Subject	Issuer	Serial	Key Algorithm	Key Size	Digest Algorithm	Not Before	Not After	SKI	SHA256 Fingerprint
10	2	CN = vTrus ECC DV SSL CA O = iTrusChina Co.,Ltd. C = CN	CN = vTrus ECC Root CA O = iTrusChina Co.,Ltd. C = CN	14 66 a8 2c bf 01 83 aa 09 3f d2 28 of ac 3c 0e 39 fo 29 40	ECDSA Encryption	ECC(256 bits)	sha384With ECDSAEncryption	13 December 2023 11:25:48	10 December 2033 11:25:48	fc 88 bd 89 dc 68 of 0c 83 09 05 1e 4a 20 24 e3 27 0c b4 75	4D391FC 790BD7 02CAD3 CCBCoB 025C5C DD88C6 FDF274 DCF5FB D3F027 A80C2C 7E5

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PricewaterhouseCoopers
22/F Prince's Building
Central
Hong Kong

March 27, 2024

Dear Sirs,

Assertion by Management of iTrusChina Co., Ltd. regarding its Disclosure of Business Practices and its Controls over its Certification Authority Operations throughout the period from January 9, 2023 to January 8, 2024.

iTrusChina Co., Ltd. (“iTrusChina”) operates the Certification Authority (CA) services known as listed in the [Appendix](#), and provides the following CA services:

- Subscriber registration
- Certificate renewal
- Certificate rekey
- Certificate issuance
- Certificate distribution
- Certificate revocation
- Certificate validation

The management of iTrusChina 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 iTrusChina’s Certification Authority operations. Furthermore, because of changes in conditions, the effectiveness of controls may vary over time.

Management of iTrusChina has assessed its disclosures of its certificate practices and controls over its CA services. The key and certificates covered in our assessment are listed in the [Appendix](#) of this letter. Based on that assessment, in iTrusChina management's opinion, in providing its CA services in Mainland China, throughout the period from January 9, 2023 to January 8, 2024, iTrusChina has:

- disclosed its business, key lifecycle management, certificate lifecycle management, and CA environmental control practices in its:
 - [iTrusChina Global-Trust Certification Practice Statement v1.5](#); and [iTrusChina Global-Trust Certificate Policy v1.5](#)
 - [iTrusChina Global-Trust Certification Practice Statement v1.5.1](#); and [iTrusChina Global-Trust Certificate Policy v1.5.1](#)
 - [iTrusChina Global-Trust Certification Practice Statement v1.5.2](#); and [iTrusChina Global-Trust Certificate Policy v1.5.2](#)
 - [iTrusChina Global-Trust Certification Practice Statement v1.5.3](#); and [iTrusChina Global-Trust Certificate Policy v1.5.3](#)
- maintained effective controls to provide reasonable assurance that:
 - iTrusChina's [iTrusChina Global-Trust Certification Practice Statement v1.5](#) is consistent with its [iTrusChina Global-Trust Certificate Policy v1.5](#)
 - iTrusChina's [iTrusChina Global-Trust Certification Practice Statement v1.5.1](#) is consistent with its [iTrusChina Global-Trust Certificate Policy v1.5.1](#)
 - iTrusChina's [iTrusChina Global-Trust Certification Practice Statement v1.5.2](#) is consistent with its [iTrusChina Global-Trust Certificate Policy v1.5.2](#)
 - iTrusChina's [iTrusChina Global-Trust Certification Practice Statement v1.5.3](#) is consistent with its [iTrusChina Global-Trust Certificate Policy v1.5.3](#)
 - iTrusChina provides its services in accordance with its [iTrusChina Global-Trust Certificate Policy v1.5](#) and [iTrusChina Global-Trust Certification Practice Statement v1.5](#)
 - iTrusChina provides its services in accordance with its [iTrusChina Global-Trust Certificate Policy v1.5.1](#) and [iTrusChina Global-Trust Certification Practice Statement v1.5.1](#)
 - iTrusChina provides its services in accordance with its [iTrusChina Global-Trust Certificate Policy v1.5.2](#) and [iTrusChina Global-Trust Certification Practice Statement v1.5.2](#)
 - iTrusChina provides its services in accordance with its [iTrusChina Global-Trust Certificate Policy v1.5.3](#) and [iTrusChina Global-Trust Certification Practice Statement v1.5.3](#)
- 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 iTrusChina); 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 authorised individuals;
- the continuity of key and certificate management operations is maintained; and
- CA systems development, maintenance, and operations are properly authorised and performed to maintain CA systems integrity

in accordance with the [WebTrust Principles and Criteria for Certification Authorities v2.2.2](#), including the following:

CA Business Practices Disclosure

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

CA Business Practices Management

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

CA Environmental Controls

- Security Management
- Asset Classification and Management
- Personnel Security
- Physical and Environmental Security
- Operations Management
- System Access Management
- System Development, Maintenance, and Change Management
- Disaster Recovery, Backups, and 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
- CA Key Destruction
- CA Key Compromise
- CA Cryptographic Hardware Lifecycle Management

Certificate Lifecycle Management Controls

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

iTrusChina does not escrow its CA keys, does not provide subscriber key generation services, and does not provide certificate suspension services. Accordingly, our assertion does not extend to controls that would address those criteria.



iTrusChina Representative

March 27, 2024

Appendix – In-Scope CAs

The list of keys and certificates covered in the management assessment is as follow:

CA #	Cert #	Subject	Issuer	Serial	Key Algorithm	Key Size	Digest Algorithm	Not Before	Not After	SKI	SHA256 Fingerprint
1	1	CN = vTrus Root CA O = iTrusChina Co.,Ltd. C = CN	CN = vTrus Root CA O = iTrusChina Co.,Ltd. C = CN	43 e3 71 13 d8 b3 59 14 5d b7 ce 8c fd 35 fd 6f bc 05 8d 45	RSA Encryption	(4096 bits)	sha256With RSAEncryption	31 July 2018 15:24:05	31 July 2043 15:24:05	54 62 70 63 f1 75 84 43 58 8e d1 16 20 b1 c6 ac 1a bc f6 89	8A71DE655933 6F426C26E538 80D00D88A18 DA4C6A91FoD CB6194E206C5 C96387
1	2	CN = vTrus OV SSL CA O = iTrusChina Co.,Ltd. C = CN	CN = vTrus Root CA O = iTrusChina Co.,Ltd. C = CN	23 03 01 e5 d6 9a c8 93 od 62 33 94 ff d2 a0 91 7c oe 7e 7b	RSA Encryption	(2048 bits)	sha256With RSAEncryption	13 December 2023 11:19:22	10 December 2033 11:19:22	e4 72 c3 a7 32 98 7b c2 a1 5b 02 70 87 54 94 71 84 b0 fd e6	2CF5539249A9 E38FC010E29F F3E8046658F3 D030B9331047 3687FA91F8DA 44CA
2	2	CN = vTrus EV SSL CA O = iTrusChina Co.,Ltd. C = CN	CN = vTrus Root CA O = iTrusChina Co.,Ltd. C = CN	7d 74 6e a3 6e 21 36 27 0e 8f c2 e2 45 6d 22 9c b9 oc 80 b7	RSA Encryption	(2048 bits)	sha256With RSAEncryption	31 July 2018 15:31:06	31 July 2038 15:31:06	fo 72 d9 34 39 35 48 a4 ba 5d 11 73 da df 07 e3 cb 11 84 00	F3AA6D712A15 F63F83508049 79DB542419A61 B2B1D22E756C 417ABFE8D74A 3CA
3	2	CN = vTrus DV SSL CA O = iTrusChina Co.,Ltd. C = CN	CN = vTrus Root CA O = iTrusChina Co.,Ltd. C = CN	47 b6 12 of eb d5 e7 25 4c 99 de 1c dc dd 53 5a d3 5f 99 76	RSA Encryption	(2048 bits)	sha256With RSAEncryption	13 December 2023 11:21:40	10 December 2033 11:21:40	63 af fd 9f e6 69 67 19 f5 bf 18 e9 9c fd 75 19 9e 2f fb fe	0A85075DD6B3 82EAB3144982 3DB8BED6B61 A441714165E33 FACA42CD9C8 DEC2A

CA #	Cert #	Subject	Issuer	Serial	Key Algorithm	Key Size	Digest Algorithm	Not Before	Not After	SKI	SHA256 Fingerprint
4	2	CN = vTrus Document Signing CA O = iTrusChina Co.,Ltd. C = CN	CN = vTrus Root CA O = iTrusChina Co.,Ltd. C = CN	4e cf 53 2a 91 cd 68 44 cd c6 83 9b 66 11 oa b2 d2 d9 31 9b	RSA Encryption	(2048 bits)	sha256With RSAEncryption	14 October 2021 11:24:59	14 October 2041 11:24:59	4b c4 32 db 71 97 3e da ea 94 c7 19 92 3c c8 09 65 23 88 1b	B5C3EFC7BA54 7B66318C23C93 EoFB18301DB8 4ADA233B19C9 F2F26F5D64C3 559
5	2	CN = vTrus Time Stamping CA O = iTrusChina Co.,Ltd. C = CN	CN = vTrus Root CA O = iTrusChina Co.,Ltd. C = CN	13 ac 9f of 9b 2f e2 10 eo 6a 96 88 8c 4e ee 1c 49 04 oe a4	RSA Encryption	(4096 bits)	sha256With RSAEncryption	14 October 2021 11:28:32	14 October 2041 11:28:32	31 0b da ae 5d 96 43 f7 cb 13 11 ba 48 f7 00 ad dd 5a 29 ff	F7291D1E8BCC 7583AC3FA839 77C6C5EBC784 A118A397647A9 FC37EF85E14D F5C
6	2	CN = vTrus FastSSL CA G1 O = iTrusChina Co.,Ltd. C = CN	CN = vTrus Root CA O = iTrusChina Co.,Ltd. C = CN	48 15 cb de 3d 2b e0 64 75 f3 79 3f b9 4e 64 a0 73 d2 1b fa	RSA Encryption	(2048 bits)	sha256With RSAEncryption	13 December 2023 11:18:07	10 December 2033 11:18:07	e5 51 97 ea c9 32 02 55 56 8f 20 7e 02 df b8 6d 02 db 6c 32	3B83EB5D7A9A 5AF06275A0A1 C1B35BD56262 2A5521E2699F2 5559328B8829 058
7	2	CN = vTrus YunSSL DV CA O = iTrusChina Co.,Ltd. C = CN	CN = vTrus Root CA O = iTrusChina Co.,Ltd. C = CN	1f f2 f8 8b 5b f9 fd 73 8b ec 90 ab af db 50 1a fe 74 ea da	RSA Encryption	(2048 bits)	sha256With RSAEncryption	13 December 2023 11:16:17	10 December 2033 11:16:17	47 17 f5 bf 9c 28 5d a8 70 25 fa 6a b2 3f 76 ad 96 27 80 c5	A7D7285843B8 9B134F852CB5 2A6F431938257 C826D699AA80 6C894A0A1CDB 847
2	1	CN = vTrus ECC Root CA O = iTrusChina Co.,Ltd. C = CN	CN = vTrus ECC Root CA O = iTrusChina Co.,Ltd. C = CN	6e 6a bc 59 aa 53 be 98 39 67 a2 d2 6b a4 3b e6 6d 1c d6 da	ECDSA Encryption	ECC(384 bits)	sha384With ECDSAEncryption	31 July 2018 15:26:44	31 July 2043 15:26:44	98 39 cd be d8 b2 8c f7 b2 ab e1 ad 24 af 7b 7c a1 db 1f cf	30FBBA2C3223 8E2A98547AF9 7931E550428B9 B3F1C8EEB663 3DCFA86C5B27 DD3

CA #	Cert #	Subject	Issuer	Serial	Key Algorithm	Key Size	Digest Algorithm	Not Before	Not After	SKI	SHA256 Fingerprint
8	2	CN = vTrus ECC OV SSL CA O = iTrusChina Co.,Ltd. C = CN	CN = vTrus ECC Root CA O = iTrusChina Co.,Ltd. C = CN	46 0a 85 46 79 6f d1 39 ba 62 ed 86 d7 63 46 94 21 29 b7 a4	ECDSA Encryption	ECC(2 56 bits)	sha384With ECDSAEncr yption	13 Decembe r 2023 11:23:58	10 Decem ber 2033 11:23:5 8	35 f9 ef ce 60 77 6f bb c0 9f 68 27 1a 87 83 04 70 88 15 c6	42E46C448745 91285176497314 57B6AE20099D 541BD182C5497 B2E67E6FFDoF 6
9	2	CN = vTrus ECC EV SSL CA O = iTrusChina Co.,Ltd. C = CN	CN = vTrus ECC Root CA O = iTrusChina Co.,Ltd. C = CN	30 22 82 d6 6d f3 b3 7a 7f 5b f3 73 d4 ae 8e 7c 5c 12 53 76	ECDSA Encryption	ECC(2 56 bits)	sha256With ECDSAEncr yption	31 July 2018 15:39:20	31 July 2038 15:39:2 0	bf 16 c1 25 06 61 18 61 6b e1 30 19 08 3f 7e 54 27 03 b7 5b	BD30CoD1E7A CB83EFC4F5F6 C62F8F3A579B AB27527AFAE6 66C696C3A867 175F1
10	2	CN = vTrus ECC DV SSL CA O = iTrusChina Co.,Ltd. C = CN	CN = vTrus ECC Root CA O = iTrusChina Co.,Ltd. C = CN	14 66 a8 2c bf 01 83 aa 09 3f d2 28 of ac 3c oe 39 fo 29 40	ECDSA Encryption	ECC(2 56 bits)	sha384With ECDSAEncr yption	13 Decembe r 2023 11:25:48	10 Decem ber 2033 11:25:4 8	fc 88 bd 89 dc 68 of oc 83 09 05 1e 4a 20 24 e3 27 oc b4 75	4D391FC790BD 702CAD3CCBC 0B025C5CDD8 8C6FDF274DCF 5FBD3F027A80 C2C7E5