

## Independent Assurance Report

To the Management of Certipost NV/SA, Verizon Terremark NV/SA, Zetes NV/SA, the Belgian Federal Public Service Policy and Support and the Belgian Home Affairs Federal Public Service, further “the Belgian Government Certification Authority”:

### Scope

We have been engaged, in a reasonable assurance engagement, to report on the management assertions of the Belgian Government Certification Authority that for its Certification Authority (CA) operations in Belgium at Brussels, Diegem and Sint-Pieters-Leeuw, throughout the period from February 16, 2018 to February 15, 2019, for the following Root and Issuing CAs as referred to in appendix II:

- Belgium Root CA 2 (root-signed) with serial 04 00 00 00 00 01 41 a1 e1 34 ba
- Belgium Root CA 2 (self-signed) with serial 2a ff be 9f a2 f0 e9 87
- Belgium Root CA 3 (root-signed) with serial 04 00 00 00 00 01 41 a1 e1 39 3e
- Belgium Root CA 3 (self-signed) with serial 3b 21 02 de 96 5b 1d a9
- Belgium Root CA 4 (root-signed) with serial 04 00 00 00 00 01 41 a1 e1 3d 26
- Belgium Root CA 4 (self-signed) with serial 4f 33 20 8c c5 94 bf 38

that the Belgian Government Certification Authority has:

- disclosed its Business, Key Lifecycle Management, Certificate Lifecycle Management and CA Environment Control practices in its:
  - [Belgium Root CA certificate practice statement](#) (version 3.01 d.d. 1 August 2017);
  - [Citizen CA under Belgian Root CA 3 and 4 certificate practice statement](#) (version 4.2 d.d. 13 July 2018);
  - [Foreigner CA certificate practice statement](#) (version 4.0 d.d. 20 September 2018);
- 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 the Belgian Government Certification Authority); and
  - Issuing CA certificate requests are accurate, authenticated, and approved;

- maintained effective controls to provide reasonable assurance that:
  - logical and physical access to CA systems and data is restricted to authorized individuals;
  - the continuity of key and certificate management operations is maintained; and
  - CA systems development, maintenance, and operations are properly authorized and performed to maintain CA systems integrity;

in accordance with the [WebTrust Principles and Criteria for Certification Authorities, Version 2.1](#)

The Belgian Government Certification Authority does not escrow, transport or migrate its CA keys, and does not provide certificate renewal services. Accordingly, our procedures did not extend to controls that would address those criteria.

### **Certification Authority responsibilities**

Management of the Belgian Government Certification Authority is responsible for its assertions, including the fairness of their presentation, and the provision of its described services in accordance with the [WebTrust Principles and Criteria for Certification Authorities, Version 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 behavior.

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 the Belgian Government Certification Authority'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.

### **Relative effectiveness of controls**

The relative effectiveness and significance of specific controls at the Belgian Government Certification Authority 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, the Belgian Government Certification Authority'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 February 16, 2018 to February 15, 2019, management assertions of the Belgian Government Certification Authority, as referred to above, are fairly stated, in all material respects, in accordance with the [WebTrust Principles and Criteria for Certification Authorities, Version 2.1](#).

### **Use of the WebTrust seal**

The Belgian Government Certification Authority'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.

### **Restriction on use and distribution**

This report does not include any representation as to the quality of the Belgian Government Certification Authority's services beyond those covered by the [WebTrust Principles and Criteria for Certification Authorities, Version 2.1](#), nor the suitability of any of the Belgian Government Certification Authority's services for any customer's intended purpose.



Our report is intended solely for the Belgian Government Certification Authority to obtain and display the WebTrust Seal on its website after submitting the report to the related authority in connection with the WebTrust Principles and Criteria for Certification Authorities version 2.1 and may not be suitable for another purpose. This report is not intended to be, and should not be distributed to or used, for any other purpose.

Sint-Stevens-Woluwe, May 8, 2019  
PwC Bedrijfsrevisoren cvba  
Represented by

A handwritten signature in blue ink, consisting of several loops and a long horizontal stroke, positioned above a thin horizontal line.

Marc Daelman\*  
Partner

\* Marc Daelman bvba, director, represented by its permanent representative Marc Daelman

## **Appendix I – Management Assertions**

## Assertion of the Federal Public Service Policy and Support

May 8, 2019

The Federal Public Service Policy and Support operates part of the Certification Authority (CA) services known as the “Belgian Government Certification Authority” for the following Root CAs:

- Belgium Root CA 2 (root-signed) with serial 04 00 00 00 00 01 41 a1 e1 34 ba
- Belgium Root CA 2 (self-signed) with serial 2a ff be 9f a2 f0 e9 87
- Belgium Root CA 3 (root-signed) with serial 04 00 00 00 00 01 41 a1 e1 39 3e
- Belgium Root CA 3 (self-signed) with serial 3b 21 02 de 96 5b 1d a9
- Belgium Root CA 4 (root-signed) with serial 04 00 00 00 00 01 41 a1 e1 3d 26
- Belgium Root CA 4 (self-signed) with serial 4f 33 20 8c c5 94 bf 38

as well as the Issuing CAs included in Appendix II.

The Belgian Government CA provides the following CA services:

- Subscriber registration
- Certificate rekey
- Certificate issuance
- Certificate distribution
- Certificate revocation
- Certificate suspension
- Certificate validation
- Subscriber key generation and management

The management of the Federal Public Service Policy and Support 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, and CA key 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 Federal Public Service Policy and Support’s Certification Authority operations. Furthermore, because of changes in conditions, the effectiveness of controls may vary over time.

The Federal Public Service Policy and Support management has assessed its disclosures of its certificate practices and controls over its CA services. Based on that assessment, in the Federal Public Service Policy and Support management’s opinion, in providing its Certification

Authority (CA) services at Brussels, Belgium, throughout the period February 16, 2018 to February 15, 2019, the Federal Public Service Policy and Support has:

- disclosed its business, key lifecycle management, certificate lifecycle management and CA environment control practices in its:
  - [Belgium root CA certificate practice statement](#)
- maintained effective controls to provide reasonable assurance that:
  - the Belgian government represented by the Federal Public Service Internal Affairs and the Federal Public Service Policy and Support provides its services in accordance with its Certification Practice Statements
- maintained effective controls to provide reasonable assurance that:
  - the integrity of keys and certificates it manages is established and protected throughout their lifecycles;
  - the integrity of subscriber keys and certificates it manages is established and protected throughout their lifecycles;
  - subscriber information is properly authenticated (for the registration activities performed by Federal Public Service Policy and Support; and
  - issuing 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 v2.1](#), including the following:

#### **CA Business Practices Disclosure**

- Certification Practice Statement (CPS)

#### **CA Business Practices Management**

- Certification Practice Statement Management

#### **CA Environmental Controls**

- Security Management
- Asset Classification and Management

Personnel Security

- Physical and Environmental Security
- Operations Management
- System Access Management
- Systems Development and Maintenance
- Business Continuity Management
- Monitoring and Compliance
- Audit Logging

**CA Key Life Cycle 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 Life Cycle Management
- CA Key Transportation
- CA Key Migration

The Federal Public Service Policy and Support does not maintain a separate Certificate Policy, does not escrow its CA keys, and does not provide certificate renewal services. Accordingly, our assertion does not extend to controls that would address those criteria.

Federal Public Service Policy and Support  
Brussels, Belgium



Signed by: Ben Smeets

Function: Directeur-generaal a.i. van het Directoraat Generaal Digitale Transformatie

May 8, 2019





## Assertion of Certipost NV/SA

May 8, 2019

Certipost NV/SA operates part of the Certification Authority (CA) services known as the "Belgian

Government Certification Authority" for the following Root:

- Belgium Root CA 2 (root-signed) with serial 04 00 00 00 00 01 41 a1 e1 34 ba
- Belgium Root CA 2 (self-signed) with serial 2a ff be 9f a2 f0 e9 87
- Belgium Root CA 3 (root-signed) with serial 04 00 00 00 00 01 41 a1 e1 39 3e
- Belgium Root CA 3 (self-signed) with serial 3b 21 02 de 96 5b 1d a9
- Belgium Root CA 4 (root-signed) with serial 04 00 00 00 00 01 41 a1 e1 3d 26
- Belgium Root CA 4 (self-signed) with serial 4f 33 20 8c c5 94 bf 38

as well as the Issuing CAs included in Appendix II.

The Belgian Government CA provides the following CA services:

- Subscriber registration
- Certificate rekey
- Certificate issuance
- Certificate distribution
- Certificate revocation
- Certificate suspension
- Certificate validation
- Subscriber key generation and management

The management of Certipost NV/SA 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 and 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 of overriding of controls. Accordingly, even effective controls can only provide reasonable assurance with respect to Certipost NV/SA's Certification Authority operations. Furthermore, because of changes in conditions, the effectiveness of controls may vary over time.

Certipost NV/SA management has assessed its disclosures of its certificate practices and controls over its CA services. Based on that assessment, in Certipost NV/SA management's opinion, in providing its Certification Authority (CA) services at Brussels, Belgium, throughout the period February 16, 2018 to February 15, 2019, Certipost NV/SA has:

- disclosed its business, key lifecycle management, certificate lifecycle management, and CA environment control practices in its:
  - [Citizen CA under Belgian Root CA 3 and 4 certificate practice statement](#)



- [Foreigner CA certificate practice statement](#)
- maintained effective controls to provide reasonable assurance that:
  - Certipost NV/SA provides its services in accordance with its Certification Practice Statements
- maintained effective controls to provide reasonable assurance that:
  - the integrity of keys and certificates it manages is established and protected throughout their lifecycles;
  - the integrity of subscriber keys and certificates it manages is established and protected throughout their lifecycles;
  - subscriber information is properly authenticated (for the registration activities performed by Certipost NV/SA); and
  - issuing 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 v2.1](#), including the following:

#### ***CA Business Practices Disclosure***

- Certification Practice Statement (CPS)

#### ***CA Business Practices Management***

- Certification Practice Statement Management

#### ***CA Environmental Controls***

- Security Management
- Asset Classification and Management
- Personnel Security
- Physical and Environmental Security
- Operations Management
- System Access Management
- Systems Development and Maintenance
- Business Continuity Management
- Monitoring and Compliance
- Audit Logging



### **CA Key Life Cycle 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 Life Cycle Management
- CA Key Transportation
- CA Key Migration

### **Certificate Life Cycle Management Controls**

- Certificate Rekey
- Certificate Issuance
- Certificate Distribution
- Certificate Revocation
- Certificate Suspension
- Certificate Validation

Certipost NV/SA does not maintain a separate Certificate Policy, does not escrow its CA keys, and does not provide certificate renewal services. Accordingly, our assertion does not extend to controls that would address those criteria.

Certipost NV  
Brussels, Belgium

Signed by: Hans Maris  
Function: General Manager certipost  
May 8, 2019



## Assertion of Belgian Home Affairs Federal Public Service

May 8, 2019

The Belgian Home Affairs Federal Public Service (Further “FPS Home Affairs”) operates part of the Certification Authority (CA) services known as the “Belgian Government Certification Authority” for the following Root CAs:

- Belgium Root CA 2 (root-signed) with serial 04 00 00 00 00 01 41 a1 e1 34 ba
- Belgium Root CA 2 (self-signed) with serial 2a ff be 9f a2 f0 e9 87
- Belgium Root CA 3 (root-signed) with serial 04 00 00 00 00 01 41 a1 e1 39 3e
- Belgium Root CA 3 (self-signed) with serial 3b 21 02 de 96 5b 1d a9
- Belgium Root CA 4 (root-signed) with serial 04 00 00 00 00 01 41 a1 e1 3d 26
- Belgium Root CA 4 (self-signed) with serial 4f 33 20 8c c5 94 bf 38

as well as the Issuing CAs included in Appendix II.

The Belgian Government CA provides the following CA services:

- Subscriber registration
- Certificate rekey
- Certificate issuance
- Certificate distribution
- Certificate revocation
- Certificate suspension
- Certificate validation
- Subscriber key generation and management

The management of FPS Home Affairs is responsible for establishing and maintaining effective controls over its CA operations, including CA environmental controls and 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 FPS Home Affairs' Certification Authority operations. Furthermore, because of changes in conditions, the effectiveness of controls may vary over time.

FPS Home Affairs management has assessed its disclosures of its certificate practices and controls over its CA services. Based on that assessment, in FPS Home Affairs management's

opinion, in providing its Certification Authority (CA) services at Brussels. Belgium, throughout the period February 16, 2018 to February 15, 2019, FPS Home Affairs has:

- maintained effective controls to provide reasonable assurance that:
  - FPS Home Affairs provides its services in accordance with its Certification Practice Statements
- maintained effective controls to provide reasonable assurance that:
  - the integrity of keys and certificates it manages is established and protected throughout their lifecycles;
  - the integrity of subscriber keys and certificates it manages is established and protected throughout their lifecycles;
  - subscriber information is properly authenticated (for the registration activities performed by FPS Home Affairs); and
  - issuing 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 v2.1](#), including the following:

### ***CA Environmental Controls***

- Security Management
- Asset Classification and Management
- Personnel Security
- Physical and Environmental Security
- Operations Management
- System Access Management
- Systems Development and Maintenance
- Business Continuity Management
- Monitoring and Compliance
- Audit Logging

### ***Certificate Life Cycle Management Controls***

- Subscriber Registration
- Certificate Rekey
- Certificate Issuance
- Certificate Distribution

- Certificate Revocation
- Certificate Suspension
- Certificate Validation

FPS Home Affairs does not provide services nor maintains controls related to CA Business Practices Disclosure, CA Business Practices Management, CA Key Lifecycle Management, and Subscriber Key Lifecycle Management. Accordingly, our assertion does not extend to controls that would address the criteria linked to these principles.

FPS Home Affairs  
Brussels, Belgium



Signed by: Jacques WIRTZ  
Function: Director General  
May 8, 2019



## Assertion of Verizon Terremark NV/SA

May 8, 2019

Verizon Terremark NV/SA operates part of the Certification Authority (CA) services known as the “Belgian Government Certification Authority” for the following Root CAs:

- Belgium Root CA 2 (root-signed) with serial 04 00 00 00 00 01 41 a1 e1 34 ba
- Belgium Root CA 2 (self-signed) with serial 2a ff be 9f a2 f0 e9 87
- Belgium Root CA 3 (root-signed) with serial 04 00 00 00 00 01 41 a1 e1 39 3e
- Belgium Root CA 3 (self-signed) with serial 3b 21 02 de 96 5b 1d a9
- Belgium Root CA 4 (root-signed) with serial 04 00 00 00 00 01 41 a1 e1 3d 26
- Belgium Root CA 4 (self-signed) with serial 4f 33 20 8c c5 94 bf 38

as well as the Issuing CAs included in Appendix II.

The Belgian Government CA provides the following CA services:

- Subscriber registration
- Certificate rekey
- Certificate issuance
- Certificate distribution
- Certificate revocation
- Certificate suspension
- Certificate validation
- Subscriber key generation and management

The management of Verizon Terremark NV/SA is responsible for establishing and maintaining effective controls over its CA operations, including CA environmental controls, CA key lifecycle management controls and 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 Verizon Terremark NV/SA’s Certification Authority operations. Furthermore, because of changes in conditions, the effectiveness of controls may vary over time.

Verizon Terremark NV/SA management has assessed its disclosures of its certificate practices and controls over its CA services. Based on that assessment, in Verizon Terremark NV/SA management’s opinion, in providing its Certification Authority (CA) services at Diegem, Belgium, throughout the period February 16, 2018 to February 15, 2019, Verizon Terremark NV/SA has

- maintained effective controls to provide reasonable assurance that:
  - Verizon Terremark NV/SA provides its services in accordance with its Certification Practice Statements
- maintained effective controls to provide reasonable assurance that:
  - the integrity of keys and certificates it manages is established and protected throughout their lifecycles;
  - the integrity of subscriber keys and certificates it manages is established and protected throughout their lifecycles;
  - subscriber information is properly authenticated (for the registration activities performed by Verizon Terremark NV/SA; and
  - intermediate 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 v2.1](#), including the following:

#### **CA Environmental Controls**

- Security Management
- Asset Classification and Management
- Personnel Security
- Physical and Environmental Security
- Operations Management
- System Access Management
- Systems Development and Maintenance
- Business Continuity Management
- Monitoring and Compliance
- Audit Logging

#### **CA Key Life Cycle 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 Life Cycle Management
- CA Key Transportation
- CA Key Migration

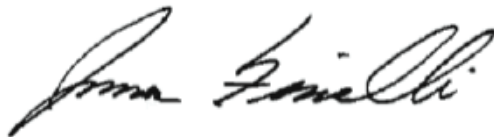


### ***Certificate Life Cycle Management Controls***

- Certificate Rekey
- Certificate Issuance
- Certificate Distribution
- Certificate Revocation
- Certificate Validation

Verizon Terremark NV/SA does not provide services nor maintains controls related to CA Business Practices Disclosure, CA Business Practices Management, and Subscriber Key Lifecycle Management. Accordingly, our assertion does not extend to controls that would address the criteria linked to these principles.

Verizon Terremark NV/SA  
Diegem, Belgium

A handwritten signature in black ink, appearing to read "James Finelli". The signature is fluid and cursive, with a large initial "J" and "F".

Signed by: **James Finelli**  
Function: **Director, Risk Management & Compliance**  
May 8, 2019



## Assertion of Zetes NV/SA

May 8, 2019

Zetes NV/SA operates part of the Certification Authority (CA) services known as the “Belgian Government Certification Authority” for the following Root CAs:

- Belgium Root CA 2 (root-signed) with serial 04 00 00 00 00 01 41 a1 e1 34 ba
- Belgium Root CA 2 (self-signed) with serial 2a ff be 9f a2 f0 e9 87
- Belgium Root CA 3 (root-signed) with serial 04 00 00 00 00 01 41 a1 e1 39 3e
- Belgium Root CA 3 (self-signed) with serial 3b 21 02 de 96 5b 1d a9
- Belgium Root CA 4 (root-signed) with serial 04 00 00 00 00 01 41 a1 e1 3d 26
- Belgium Root CA 4 (self-signed) with serial 4f 33 20 8c c5 94 bf 38

as well as the Issuing CAs included in Appendix II.

The Belgian Government CA provides the following CA services:

- Subscriber registration
- Certificate rekey
- Certificate issuance
- Certificate distribution
- Certificate revocation
- Certificate suspension
- Certificate validation
- Subscriber key generation and management

The management of Zetes NV/SA is responsible for establishing management controls. These controls contain monitoring mechanisms, and actions are taken to correct deficiencies identified.

Scope of the above is (hereafter the CA services):

- Key pair generation on the chip
- Secure storage of the private key
- Personalisation of the eID card (including storing the correct certificate on the correct card)
- Distribution of the card to the subscriber
- Secure creation, printing and distribution of the pin and puk 1 code to the subject

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



Zetes NV/SA

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Belfius SWIFT/BIC: GKCCBEBB

KBC IBAN: BE39 4377 5130 1111

KBC SWIFT/BIC: KREDBEBB

[WWW.ZETES.BE](http://WWW.ZETES.BE) | ALWAYS A GOOD ID



reasonable assurance with respect to Zetes NV/SA's Certification Authority operations. Furthermore, because of changes in conditions, the effectiveness of controls may vary over time.

Zetes NV/SA management has assessed its disclosures of its certificate practices and controls over its CA services. Based on that assessment, in Zetes NV/SA management's opinion, in providing its Certification Authority (CA) services at Sint-Pieters-Leeuw, Belgium, throughout the period February 16, 2018 to February 15, 2019, Zetes NV/SA has:

- 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 Zetes NV/SA); and
  - issuing 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 v2.1](#), including the following:

### **CA Environmental Controls**

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

	<b>Zetes NV/SA</b>			
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- Audit Logging

### ***Subscriber Key Lifecycle Management Controls***

- CA-Provided Subscriber Key Generation Services
- Integrated Circuit Card (ICC) Lifecycle Management
- Requirements for Subscriber Key Management

### ***Certificate Life Cycle Management Controls***

- Certificate Issuance
- Certificate Distribution

Zetes NV/SA does not provide services nor maintains controls related to CA Business Practices Disclosure, CA Business Practices Management, and CA Key Lifecycle Management. Accordingly, our assertion does not extend to controls that would address the criteria linked to these principles.

Zetes NV/SA  
Brussels, Belgium

Signed by: Alain Wirtz

Function: CEO Zetes

May 8, 2019



Zetes NV/SA

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KBC SWIFT/BIC: KREDBEBB

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## **Appendix II – Overview of Root and Issuing CAs**

## Errata (d.d. 31 October 2019)

When consulting the scope of issuing CAs as referred to in Appendix II, please consider following corrections to the SHA256 fingerprints.

CA ID	Serial Number	Originally reported SHA256 Fingerprint	Corrected SHA256 Fingerprint	Status
<b>Citizen CA-201901</b>	557368605C8400B6835C6EE707602842	159904CE702D83634FBF051DE1909D91313F22C400F8212C1CEF4EE09214D805	<b>838698186DD06F8E736C39CAFBDE64E42D58ABA636CE2AD9DFF8D1855EA9790A</b>	CA issued certificates during the period 16 February 2018 to 15 February 2019.
<b>Citizen CA-201902</b>	39C83F4BBB019BF031237150C58B64DB	C7E8EE1C8133D6B82904066125B190010A71D37B4EC4BA581ACB8DD0CB7A43BD	<b>75A659CBDBBE6C957E5414DB078C92126F634382189DA1BF5C0A2380FE0C0154</b>	CA issued certificates during the period 16 February 2018 to 15 February 2019.
<b>Citizen CA-201903</b>	3EE0E74878474D3A99A1E4F3B21550BE	225A0338E15AE8B87464BC07718922049C11C48247A491DDAF4706285B3AB7A4	<b>FA008E16D1E58BE69C7D3E55353CF4FCA26DA9CE43E75B1826CEF169B771964E</b>	CA issued certificates during the period 16 February 2018 to 15 February 2019.
<b>Citizen CA-201904</b>	69878AE636D75659E770F1A0D158632B	98FFCB22514C92039702012DFC8FA3A4125E4C27C1C4620AD914B38CEEFB418A	<b>5F2B7D5AE8D434B62DFC43AA3E367E885F7DDEDD9A43A42D1869390400FB3146</b>	CA issued certificates during the period 16 February 2018 to 15 February 2019.
<b>Citizen CA-201905</b>	5CD308D0624A26AC254FA26241E5403E	D350DFDCBE6FC17DE23D2E3CE7D272900EEF1F314637D0D4ACD49E47F899FB68	<b>8CF635D6A747750CF1343E9636AA6DA4158C7CE09B206D10833BAFE5E4EE04B3</b>	CA issued certificates during the period 16 February 2018 to 15 February 2019.
<b>Citizen CA-201906</b>	53B6B671C7294912741A1630A6B61BBA	FC4760A744A7C6AEBFDA8D1E97E10296ABAF3FDD0863CF8027E8AFA77926017A	<b>9F0202D49258DAE411118AF13F055E6D0C6E876DFD2943097A2BDE5452356098</b>	CA issued certificates during the period 16 February 2018 to 15 February 2019.
<b>Citizen CA-201907</b>	237615AD600D073526C5181C9073E613	0863530BDD07A49EB7A71DC92DF5BACB5AF85C08678B205E07747BD035F12D37	<b>B44C0630039F65E5DCE5717A7CB08CBED83E103B4715358191CC4B22079305BA</b>	CA issued certificates during the period 16 February 2018 to 15 February 2019.
<b>Citizen CA-201908</b>	29FF73138AE0AAA085258270E1A2507E	285CF60729AF436F8BCB6D5BFDB0EDF95599E791DA26222D34F80819A748FAD	<b>8C3855B0AA0853F6537C7727AC416A24761C8A8139E27D81E12B33EBB77385D8</b>	CA issued certificates during the period 16 February 2018 to 15 February 2019.
<b>Citizen CA-201909</b>	1893CA69916AC4C31DB30CE9F08B7A64	136A7A0BCCBE4FA35F6472E4A533674030E49EFAEC834A27D7110DEAD8160C10	<b>06AF8409CE5AD41E1B7ECFDCD321773E188695A7E90FE79633854A040B07F08A</b>	CA issued certificates during the period 16 February 2018 to 15 February 2019.
<b>Citizen CA-201910</b>	350CB9DA7893C25C500FCD06C46D1943	2C32617317833A1D8569D650E17A8119E0337D8E0855317C58BFABDBC80F3D00	<b>F975F3CE3AECE2E8421682E998EBAF51DEA233934D6BED0980396D4E9D305F3</b>	CA issued certificates during the period 16 February 2018 to 15 February 2019.
<b>Citizen CA-201911</b>	467144486643B1B9539A7BB70F2E1443	3FA192396443C55D5531BE51250630CA713F0FBFC76957966308202B8A748E2F	<b>C1492EBA9F492ECBF6D4E4F11D39BC1A9013633FC07B5EE96301D7AD463BD76F</b>	CA issued certificates during the period 16 February 2018 to 15 February 2019.
<b>Citizen CA-201912</b>	0FCB5EDA190BE277570EBCC57479DBA5	F037351BF456D015B80A48409590B47C4090C5831FDF77DFB8D17FB6CA0F5DC4	<b>174E9DAE6544A07C925CEAE3A000A03C92542693A555C1FC9E60B98ECD3AC17E</b>	CA issued certificates during the period 16 February 2018 to 15 February 2019.
<b>Citizen CA-201913</b>	24ED17A18BE4C62D66CF82AFE74CCDA9	5FF1E9964B3022EFCFC6E539B0D54D59575B3F556F284DC3DA3C2557084549E	<b>3E6936854B156FBB15EE9844C9EE3BBF92F8492897A772F9092C52ED28507EBF</b>	CA issued certificates during the period 16 February 2018 to 15 February 2019.
<b>Citizen CA-201914</b>	06B32A6C8416D8371EF0C53AE5A38E7F	F057370EEEE8C5A567134FC2CFF6A6C834051AB809B6D47BEA5B20F60B2D70F65	<b>26CDECD13A446DEA1A0B7A1AACF17BB8051B68509E9900AD2541D045A03FF5</b>	CA issued certificates during the period 16 February 2018 to 15 February 2019.

<b>Citizen CA-201915</b>	2A1177658C883283EDD485AC50F5B811	4B227639C2ADE10E5A78BD6C8BDCBF94D416B8B36958F58C3B9A8D26DAA9D903	<b>0BC3937072128B9E5BCC3A2C6A4E5531EFD3D96D302C1C8A0DF550FE078A083A</b>	CA issued certificates during the period 16 February 2018 to 15 February 2019.
<b>Citizen CA-201916</b>	2FF5A435A2AD1F29733A5DE3CC855842	CC4A5A3AA237A144702A551106D3E1D60BDA776CCA482A2D0F09F5CB3F425EC0	<b>7A77CBD458C6282B40F0337FD044A3E49A89CD27B12C533D48361588A409D4E1</b>	CA issued certificates during the period 16 February 2018 to 15 February 2019.
<b>Citizen CA-201917</b>	6D3460DB870B0DC922DE1B7AEC658758	0D42894EC1D169E56FDCEA0E3E473AA8195CD2954411EBFDE0ECC074B536F9C9	<b>285261B13A392645ADCDC22E79594F8FCA8B6EF815C96EA2508D8C689B35D490</b>	CA issued certificates during the period 16 February 2018 to 15 February 2019.
<b>Citizen CA-201918</b>	568B88342BFE6DC92935D01390970660	1CCF606E39AB7F40222610418548B38D5F37BD7D61865AA54EF0E98CDD9E9058	<b>824074C21F1C2897F29C26FFDB82E4E6BBB859676AB556FF5C95C66C6F5818C8</b>	CA issued certificates during the period 16 February 2018 to 15 February 2019.
<b>Citizen CA-201919</b>	5E9351E953178313185D9FF5CABE156E	2BC1A806E0ECFAC19A6D298D2C6A5F423077E43263F15CDCDD687844286CD495	<b>7774FAB7548982262B2FE8B4866439B30F84CBB2D103579DF9EB19D74B67FEEE</b>	CA issued certificates during the period 16 February 2018 to 15 February 2019.
<b>Citizen CA-201920</b>	44C39794BD6BF9361C913B5D0BC664B3	5722BCA5E046FFF3DD321C56418022EF53062ECD38447144DAAFA1A0CEADE966	<b>4AA826476300B7F04AA4CB8EA04A3D34EEFD7331706AAA2B3770C763C6E9829C</b>	CA issued certificates during the period 16 February 2018 to 15 February 2019.
<b>Foreigner CA-201901</b>	1967138B3E5E0221C1783DE7903B74ED	7786B601E150F0DFD0E9B2675A41550617A27A43D5B0E0CDF2696E0DB168AB7B	<b>4B96EFA12867B8ABF2AD9B4EDBFA29D9E089B183BB5CB7C81B8393FA696BD0C1</b>	CA issued certificates during the period 16 February 2018 to 15 February 2019.
<b>Foreigner CA-201902</b>	65CE16DADF8359572F79E88B3E0C1903	5B4F43E6C358AF4C1ABF08E672AA916F156D0FF98AA3FFF67D101BA3ADA46A9A	<b>96B2F80A23CA68E3CB5338AC5F68B37AAC19E2F3C086EEFD4A5341B11EAE5083</b>	CA issued certificates during the period 16 February 2018 to 15 February 2019.
<b>Foreigner CA-201903</b>	30557E892AC525A9A84745D3314FA6EC	E2C17A5A40336195770AB03EC8F19F4EF71D8ED2A67E9B733C79250B2D74A48B	<b>2D0BC865648EA075BA548EBFE16A2F991E8F9645FF21F6695F861079EA9E22CA</b>	CA issued certificates during the period 16 February 2018 to 15 February 2019.
<b>Foreigner CA-201904</b>	25CCEDD199A2F4B631E14D75FC1E372A	499EC782AC3A3C2A60A2E59070C0EDC21238199A8654296C87D2BCD202F97A6C	<b>5D8BD7B9DCBE50E11C16380BB7E1C59D462C5B72E90B7F210A68212EC0F9400C</b>	CA issued certificates during the period 16 February 2018 to 15 February 2019.
<b>Foreigner CA-201905</b>	D625EE2800A5082064C3F3BEB68D7E82	BB0E5A46CFF8A387027D4D39DDCC49AF9D9498DF1C248C00C2ABB171452486EA	<b>034F801474F99DC0D420E76115718AE1F66947393272673B9361FDB5E28937FC</b>	CA issued certificates during the period 16 February 2018 to 15 February 2019.

CA ID	Serial Number	SHA256 Fingerprint	Status
<b>Belgium Root CA 2 RootSigned</b>	0400000000141A1E134BA	CFFA9C01EC59C29E718D0DD0EF5479F09B51C95780AFB7BD69D3C8054AFE4D28	CA does not issue end-entity certificates.
<b>Belgium Root CA 2 Self-Signed</b>	2AFFBE9FA2F0E987	9F9744463BE13714754E1A3BECF98C08CC205E4AB32028F4E2830C4A1B2775B8	CA does not issue end-entity certificates.
<b>Belgium Root CA 3 RootSigned</b>	0400000000141A1E1393E	F75A4D49A52B043FC7324B8F263AC8A9B7BD22A328868588BDFC937D3C396EB6	CA does not issue end-entity certificates.
<b>Belgium Root CA 3 Self-Signed</b>	3B2102DE965B1DA9	A8D14E945E3E5156BCAE5E39737CF6A1B1F51028BBBF982F50CE5F4C05568B4D	CA does not issue end-entity certificates.
<b>Belgium Root CA 4 Root Signed</b>	0400000000141A1E13D26	8460CCAEA91B0E805AB51C7CD46DDF2E8C1C494806D88B1FE2ED313D1D487E2E	CA does not issue end-entity certificates.
<b>Belgium Root CA 4 Self-Signed</b>	4F33208CC594BF38	702DD5C1A093CF0A9D71FADD9BF9A7C5857D89FB73B716E867228B3C2BEB968F	CA does not issue end-entity certificates.
<b>CitizenCA-201201</b>	725E1B60CD1D94173B2F963EC7956CAA	4561D05DCB3C2B0252C0309B445A9DED6D085FC106EB6E915AD12F2ED75BBDBB	CA certificate expired on 23 July 2018 and was not renewed. CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>CitizenCA-201202</b>	2ECE59405DF1B0BA6818D378E3346CBB	05725DB2911FD9666B8B42A54CF1F333F2A2D525E5F638B0ED14B57534652AB4	CA certificate expired on 23 July 2018 and was not renewed. CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>CitizenCA-201203</b>	13BAF174EB9239364251630F40657BDE	B19885909D55E47F196F36A55CCC4EA9AF A052C3F8EE3E3A9EE041E562163584	CA certificate expired on 23 July 2018 and was not renewed. CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>CitizenCA-201204</b>	7340F4AD74F855214A879B07DDA4710E	EB8A16F118F4A675F571DAFC4AC252AC61158C5DA83CAC14F7ACD473B6905FF2	CA certificate expired on 23 July 2018 and was not renewed. CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>CitizenCA-201205</b>	62B423155B1ACA43ADBAEDA364B8E2B9	A6948EC978CD0C323D793F53D45E47BBF04BD763D92DDEF3E99A9C2761DED815	CA certificate expired on 23 July 2018 and was not renewed. CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.



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<b>CitizenCA-201206</b>	2585967F42C66E5D2013D3116604B335	996FC646D27D6F3A0E092A375A4FE32D0E9D1BB457716E238D36116A2AA5C67D	CA certificate expired on 23 July 2018 and was not renewed. CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>CitizenCA-201207</b>	4F8587B59064379D0FC883451A1959DC	ADFC724AAB76B2D4EA4EDBA59F9DC336DEE4509ACC5980B0C71034255B627B5	CA certificate expired on 23 July 2018 and was not renewed. CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>CitizenCA-201208</b>	44BDCE3BF54F149984769FC427C75620	97AEBE27C4A4F7B15ED89D9AD8E5F46958E202B4D4AFBC4B17B653921E501C30	CA certificate expired on 23 July 2018 and was not renewed. CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>CitizenCA-201209</b>	04890FF8E99EE71146607CBECF61360A	9F3EB4A75B2950B6EF288C398AA2B65FA8A0DDB1EBBA0CCFA9FD13197B99DC4B	CA certificate expired on 23 July 2018 and was not renewed. CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>CitizenCA-201210</b>	3115037D435B9E01BC84AEECBF7AE8B2	C0D53BD9D0C6BC6FE443F846F6F88FF19DD84A8B9E22E5A2084314986FD09C17	CA certificate expired on 23 July 2018 and was not renewed. CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>CitizenCA-201211</b>	637784FC4151D47F50C1DA4C32B7A521	F8A75E39E9C146CC9F2F9F8365E883CC60953CB599F0A2427D7C090B8675E71C	CA certificate expired on 23 July 2018 and was not renewed. CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>CitizenCA-201212</b>	5DC53CEE8378BE4DF7E2D644AA5DDAEE	BCD146CF5C913CC160121D00EF2C6EABB6A6EECAD21CFACA620178FEC0DD2B60	CA certificate expired on 23 July 2018 and was not renewed. CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>CitizenCA-201213</b>	0A52CD32EFED52A0EE65C17067ECC743	8256F970041CCF1D8D0E1F739E330A853462B4BCA63C5E799390876677DB9EAE	CA certificate expired on 23 July 2018 and was not renewed. CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.

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<b>CitizenCA-201214</b>	11D194E02665705530F44EAAE0458040	58E8762A69DADAE60C075B586E51E26A56E5A398CF58F2B52AACF7A5D8B57DB2	CA certificate expired on 23 July 2018 and was not renewed. CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>CitizenCA-201215</b>	6BC648B40F0526D6A95B18EDABD9AFE3	E038162E03BAF0E76B85F27858D36064FDFEBBA99EDEEAB896345897B74D1E17	CA certificate expired on 23 July 2018 and was not renewed. CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>CitizenCA-201216</b>	75F420DC564AA980B0221D5E5644536B	DDD99ADF659D4FF3B53F57E4945E938F2BFB35189333EBE66F01E45F9CA7C315	CA certificate expired on 23 July 2018 and was not renewed. CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>CitizenCA-201217</b>	60682A37CC6A3C1C9AACD4B15349AD97	C087B19AA8051A3C4927CF513A1810A44218AC79AE42BB125949050047D2B21E	CA certificate expired on 23 July 2018 and was not renewed. CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>CitizenCA-201218</b>	6A43257DF348476EA2FA6EBA93D16F95	12D3DAE744F4DB67A0556C5160F1E20A6D1FB2EAF8EA339F4A51DACE4376E80E	CA certificate expired on 23 July 2018 and was not renewed. CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>CitizenCA-201219</b>	71711CB6C406C87A85E35968BAA2E6BF	C57011CBA77200C44221BF205A01C9D1ADC89B761B8C8774702DAC6EE7805B48	CA certificate expired on 23 July 2018 and was not renewed. CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>CitizenCA-201220</b>	2C15B744FF2AE93821C66A7F663823F2	BE7649F51BF3779A80588E8290A109DF7971DEB10A7A49AB290053F03784A016	CA certificate expired on 23 July 2018 and was not renewed. CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>CitizenCA-201301</b>	371BA04C076D2DA71F96262BA4C22C93	58EF50CE2E471D0857D906D449D2515494C5C2B938E808603F7731A5F6A493BD	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.

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<b>CitizenCA-201302</b>	64066C758B823BA7115162F5EE38C7C5	7FCF262FFAE73CFDB6C66E8E08204117B9085BEA8BC6BE430DF350C3EEE43542	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>CitizenCA-201303</b>	03AC2E1DD57A7CFD3FA0B8FB1A658055	8A164A8022BEAA15E9CCDDF9F31829E27FDA3359D906F0B07F1F8AB10B8B628C	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>CitizenCA-201304</b>	6429F2CA2A9779FDF9751133A69DE40A	47C55FA7F620041BAA4AD7329045C50B6C0F7F997E196603338E8570A6565486	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>CitizenCA-201305</b>	41DEDECB417B4777C9FB82A0BF7DF656	A70348A4FEB5E7ED8364FE6E02FFE21D3F29776A235D227F2BC18C44BCFDC5C4	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>CitizenCA-201306</b>	6DF67B246E126F8AD49D96924B0D6877	04A92CB8D53FD75F7DDE38B6B25CCC6E26211A79229DDAEFFA4C282E954A16CC	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>CitizenCA-201307</b>	61B274B86CB29C5C4FE1D0C17C9F5D2B	CD423D85C2ABB93896DF334985E97D86309115ECD512A7431E832D74475A32D8	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>CitizenCA-201308</b>	026BE37E6FF10E2CDCE1C25E8D480C33	9DB8F2033203FF85586DEF0013079E38AC7C72EDBC8272EDE50FE3C2B8B03E0E	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>CitizenCA-201309</b>	71E401EE9941687C309EC2C78380AE34	C217B6821210608DC8848E3847A9BA56B1906489C7217C36437D608A4C567488	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>CitizenCA-201310</b>	19C9305DF18AD5E053C943F9FC5080EA	A7D232EFC142117E20DAA2EC6F8BED25ADE1E9B7155D2D189891F9D85722DCA6	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>CitizenCA-201311</b>	3F898DF608E6942209E89A8969FC5195	597A38A99528C0B7218CFC20ECE5B5F61A16BF35163D52F7A53F166DB7E4BE1A	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>CitizenCA-201312</b>	669BBD7F758F99CCE27CF768BC7C0367	2DBAE67ADC8A5DA23933306437534BBA7AFCBE81A3DC832883AF3FAB10E06430	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>CitizenCA-201313</b>	5955F9EC1C191B4CDFFB7E4EAFF99D9F	4B79CAB45053AC58560EF4079F2294F1C682847B4131A3A42F8AB1ED7EE5E23E	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.

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<b>CitizenCA-201314</b>	121030FC2C8DEBE062DEC4C88F56A676	AC1684469FA7E1E0F2F452C6438C6292560763EF514B2E7BF149F8703B5A17A5	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>CitizenCA-201315</b>	384ADA08A7703434949B12E2950FBC68	D4DBAF6C5592226A3EEBD020D38C7671A8C3B4D0720AA2D98F55BAEF25708B02	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>CitizenCA-201316</b>	777EE78B0D98D74C2483ECFE07142657	69E8C242B76CEE5BC5A72B181556EAEC967A20CF9EB3B18C64C4C6DC37182738	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>CitizenCA-201317</b>	7CCC2D2B9A14DCC0C102B9D9C50FF68B	177C8567993BC114DF69E8EECD810D277A825FD30A7A63722177BCB7A9A34CA	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>CitizenCA-201318</b>	73C06E7A3F2A5DD2A9AAA3009D450375	C2F9448C0879C8CAA98C005551BC47D9BD700B79C27F807979C82ABC00413CF5	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>CitizenCA-201319</b>	122BD38098BCF6D073A79F3A183EF964	2C642C2881755EE8EBD191F27851FAAFDC9CFDCCB5C09A71772D30C83F0DDA16	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>CitizenCA-201320</b>	309A732D9BA5F127C64086BE5C5285BA	0DBC190C326B00F135F8332765E365C10E3DB5C80BFF5CAFECBCFFAF5AB92660	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>CitizenCA-201401</b>	5048F006E875A69D817AB6A6665BB9FB	4356C6621BA57DBD0D3770D6CC9884712DF364440C05BF9D8859B0A806DD77F3	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>CitizenCA-201402</b>	403F3BAA5D860D5AF15E07C4C41A8A1A	2BF94DA1EDB954E9287C9E45E29FF6A6D2AFB8F8890CF2733BD76411D57DBEFE	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>CitizenCA-201403</b>	5BE65979710B2CD85C4032E5F0F69A15	843AA7683289B71D348C087AE6F71A1C83138B4C397F316D1E78C9DA86660B84	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>CitizenCA-201404</b>	4D8EA181CC8E8C91EEAE7B28FC048F31	A2BCB1E8523FBB23B9A277AFA0B67DA2E61E9AD8BAC1B926A733A1AE07C67CDE	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>CitizenCA-201405</b>	745AB16CFC5573896C265FB5D0B4B69E	9523FE76A1BF75519215D2CDE9FAE7BC122A95B2D98F0EF75C52FB678F15DA12	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.

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<b>CitizenCA-201406</b>	45AAD249CDE7195BB390B58D4A5 CDCE6	956DAF56B0A02A336A277764E0FBBFB2568 56531CF6A9DEE746D9D621B131BF3	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>CitizenCA-201407</b>	49849C9CA9B766EDC5F6D16429E0 670D	4A0E0F30FA2D188690F9C75253A017195F21 63E45C090CF5D2B73C62C449A782	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>CitizenCA-201408</b>	4EC998938E40A4D9F497D73D9E98 DF08	E7CF123BF34CAE3F884E80CB100B97244B1 D3A45944D2A11394B995C4B8F8128	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>CitizenCA-201409</b>	0BBB1E163EA433F131C232E643E5 C86C	DF4BF204CC806773ED7D105AF4883066AB2 6ADC2292391C98E79D710D19B4F67	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>CitizenCA-201410</b>	5AF84ED71D3B690AA3BB2AB8FEF C0079	F14D5526DBC4E218B4E3C789B805FA503E4 C1E008F51B478B31F5EC2C0465053	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>CitizenCA-201411</b>	6DC729B99DBC9C887413564BE373 91E3	8FB4D9E27D7FADEB2C8B49D55E25DF36F4 9E5E26AECCE73AAE94363448763728	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>CitizenCA-201412</b>	46D2D4364C9098D6C4729B59F411 F7F1	6996A437576B86B66658731EC3F8A7690700 2A5C3E6F9AAA6EB19F9ADCC1BF33	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>CitizenCA-201413</b>	17DAA37C7DF63EE972A223268397 2436	5C651A31ED89197129F8304F3B23C4B8215 3D5A87DFD3051D05C8BEC2616FEF5	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>CitizenCA-201414</b>	54E4BE2F65AD7523071CC7ED1E5F 64D0	83F8910235B5455C05CA5A8724D958BEA68 CB995E318B48324AD33438C388A3A	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>CitizenCA-201415</b>	2DC299F6ED5B6DA597943345CED7 0844	A9E384F89BB5E938108500D562DFAB533FF 0C92053AF931336D8628C931EC096	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>CitizenCA-201416</b>	597A5AA6EC1AEB6675742C6CAE8 DE7BD	D67F154F77680C2594724B452A0A8D3D99B B82CEE68F196B22CFF849FEE9439B	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>CitizenCA-201417</b>	774EA761BF17E30967E996D94ACE 103C	22032D65D21E57ED427C285F550F92E47BF 11A1374727B01947F4C143BCCEE869	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.

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<b>CitizenCA-201418</b>	64800F46A5B04A49B3A9D482C40E2E35	7F8531FE9E44E24F3CDD5175C859A53B68223FFB7531F1FD73D335C1F9A7F064	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>CitizenCA-201419</b>	349B9E22766E362C586B2B555C6B35BE	28E5DACAE80F1933BADF31BA4B6A04172D5878F4C2E0396B4A17F96FDAA5BAEA	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>CitizenCA-201420</b>	23784E7B27609B1B1AFCF7CFBA25D72C	C309AD22819213352CDC9971D1BAD8DBFD8C1A5C277E56079BDC4B15F3C2F886	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201501</b>	2CD1C507FDA0C1F339B20DCD353F0F68	0B3E71A2F185B76D60848F8058DF085CD494B45BBFFA34ABB7FE0A4EE7513EDC	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201502</b>	228490C43956691A852F655D727B4767	E6CCC965192817114A4461C4CFEDC34453DEC1BDE63970CE21A642FBC38FBA30	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201503</b>	24434A64A0BB7EF2F7685007F653CECB	BD628D36445787CA776374A9FE2531768F68886A2BCBDD34D737B070280E34E6	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201504</b>	3C6280FA919A92C6C28C1A9FB16B4CFB	413EC2AA46570884375DA01FA3A2C2352CD5CF02BFACB9D001625A7137AC6F2C	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201505</b>	445FD0E63617D3AA57EB03BC9F0AD469	E3E94E7BE532B9493F4B3EDD5311EA0B0D4EEB7AD815DFCB8F3E6356E1F1CB8E	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201506</b>	61B011384CCB074D014419AB21F675D5	CCC0EC4B00F279CF0D6D0BAB2D486DC274A6E410ED340657895F5232EEA174D5	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201507</b>	25A3517B0DD44973195B748142C1A0CE	FCA8844B627C371DE4A7F910A52E8E90CD29813AA24D6371DFD1EF0C14A1F86	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201508</b>	7046B38E2B425264198E1C90C55EFD70CF	88A15E240C89873C1D743C503C0F5F4EF71A82B56C33597C6A47BF096D9D3BE6	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201509</b>	7C5DD10BAABE218673139A8795E8F702	56F1A0698A469487B858A62C81C72EAC7813B6A6E62A1D5C8B4B687EF45A86C6	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.

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<b>Citizen CA-201510</b>	52AFB41BC02F3A7CB4A6899EE9A2E0AE	A7E3ACB6D70DFF55368525BC3BE236C6025293FBA609B3C441F49944FA06001F	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201511</b>	36B01D8EF94D1D24F0C04472F884BDED	C557D9DEE3A451345B08DEB178961A1C80C2FBC3723067CB1B23380CE7DE88C0	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201512</b>	69BA555C9C111B6EBBFE594830D1F5DC	9E0EC70859DC1EBF127376A0CBF406655933389AD1C99F5D0C71CE71D91868FC	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201513</b>	13CAB6E5020E430BD0F5382E0A26871F	6AC2B33D18AE6A2593C7AADAEC0ABB985F02F1BCD91C2BE6F631C4CC80F3CB56	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201514</b>	6B8B492756E9153AA1D9827056DF69C2	FE2ACAE9740FF615CDD661D27E4C6976866CFDE58E27EEF7C016436F5B5C379	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201515</b>	296F326B40B15BBBDB1DE20359BD81DB	F154AD5872D2E5C9D3D8773506DDC38592A17C509B49D92A858F4D82E89DD51D	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201516</b>	2A3E1C965E428813C923F2A40ECF148F	684C919B778AA9A60D8D23B71D0B6BBF5CC896422A248D0F72B79433478B1C2A	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201517</b>	630B3C57935022FD0740E7764AA2144A	7A80466FFC1836D8A6425354F271A53A69C6C85E7C8AAD4561199F948D29843E	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201518</b>	07AA8CEB4DF4D03ED52403F8B2A6B948	045B932C72BB5ED2E8D427C80E27F3EE77288CF71F163ABE2BDCDFD1DD94DCEA	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201519</b>	695D302AEAC74729F531007559AAF0B0	3601981A363D382CCDB0FCB7CC2FDED8DD494FBA85F153F27042086271D4BA4	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201520</b>	4FC0081C84ADA3D5635CC7BA92B7BCEB	6CBC5B33089DDFB3252374066D8AE0BBEBFBA779DBAE5747279826CA0CD05DAA	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201601</b>	7A9BEAFD5C00A948655F5CF41886E53E	F81769A524E5B9623E17F3F5D7581FA4A4192977FF4E2457FB003238DCF60410	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.

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<b>Citizen CA-201602</b>	473DA6697C17C79292419494A0EA C22A	E0A335992BFCF4A297A27D10FFD9CB9EE0 996E7C5488ADA8DAEAE34502503B5	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201603</b>	5E2244918911E7DC150BDFE326170 EA6	8AFB61C21E30DC30C8F60C07B0783B9EED 0686DCAEAC9125873FD7CAA8C0BE5C	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201604</b>	6059729506D9365DEACE3A6246824 706	3078911214F885A4E76B4951384F5322C33C A1BF3C688ACF0347F433A6E76B8B	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201605</b>	365B4BC0BD582231F7652EED77A5 D200	02A7AD4DD5E0B9EFC097368D9FCC5077B8 9B0F2E2D6EA7CE27512B78FE232DCC	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201606</b>	7AF6409FF6541EB30D10AF1335D03 7CD	45E4C155EE48CCA3BFBA7D2081507D9720 18E822ABA9EDD3444CC01DDC4C3429	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201607</b>	176F0924EC08EE9FD6B05965CC05 B9DD	D9D7FD90B90EC1886BDCF65519559CD55E EC3FAA89B2D41B795C4EA4B976035E	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201608</b>	6A187A870233A203F0EB8C8CFCC8 FCBF	07743E9840979BE2253E7A88096DF2D8C4E CE0FA5BAC85ACD60BA3B4DB4D8A3C	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201609</b>	4F8F016192AE42B66287A1C26535F 5F7	308E434EBEE19688F2B3750FB321FFF691B 04FDD0E205FB3626BAB014F2002F5	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201610</b>	3093D75E5C01AD6A01D88CB8C93 C9A81	6B6A9D1C037F77FAA874E6109A493F1F840 95C1D1524DBE28618DA488761B530	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201611</b>	544CF0218B34080F20809803D75DB A8F	FF899F6E239DEC5CECAC3B8C0394AD163 A39536693B280157224D89A7664462	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201612</b>	784AA0F66341DAB20169C714A16B 7823	1CFA4E648A70108A8EC50B69645EC69FDF 9EBB158709F7271700E3FDF70ED52F	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201613</b>	192F358A261AB6A1271E381686767 DA7	CF61E7F85217771837DB257735905915A3F8 1ECD313F6109920EE5FC1710A7AB	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.



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<b>Citizen CA-201614</b>	1A22B6B088F489A70ADF3E0F1A0E B748	9E9FE24F10A79C28EBDE6031851449FD883 69DF3199F4976AC5C87F8F42C22F1	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201615</b>	1C1147C5C5F7055061E48CE180034 940	270A3CD9E26ECC6B4FA8ED88CFF4ECA38 08DA7A7DCBC7314D6C6554934D017F3	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201616</b>	3A9AFED1EF64B996870007EEA32C B21A	CA92703C76CB913A5EEDCE449B13CE3FB1 34913D08DC7BB5EF62477662766F90	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201617</b>	7ACB1822AF9071FD5C0F8C5BC527 1635	ADE24CA7FE69147CC11C4991616D3CD4A3 6DFB7C6356CBF65CB9CC668C66370D	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201618</b>	4AB90E304B4058A1307D8D9EFF68 6248	340E31B68A93373B0F2EBE1DFCB96C9DD9 4D2586FC2BE9F8CC1526DDA7EBCF73	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201619</b>	667316421E88A2538AB9A06E61012 997	33D76665DFC5DB286D6A96B5E094C3C1F4 C1E26A940ACFD920638AAE599746D7	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201620</b>	2CE8B1E3FE333DFAE008F3C66670 E020	4CF447C5C3AFC2C2D6D87AD48A1FCADF0 9AB16490F40B3DC81189ACF20430249	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201621</b>	16889D0FBFD957917B9FA8B7D6AD 266F	F4446184ED388B9256FFF6C9CB5EAF72FD0 D305562B623586947BEAC7FE00FDE	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201622</b>	64902F947473C554C420C2A0DF25 D2D8	6F434E48A1DFD67726830D2EE6190CF3DF9 E48064F9A8735BE922A0D31FBA026	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201623</b>	5539529A1B214F3713A4795AEF540 56A	B8459D88ECD2035E108340E4208971AD967 BFA1EFC19A117C75B8373D07D31E4	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201624</b>	5102B4425C72BEABB2B9498C2EAF 64D4	8DBE63D178333DE1CC2AE2370F0C701696 9F5B98A3A6F62B84AB5D05089E4519	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201625</b>	59B459FEBBCBFE34B37E654FF40B3 FAE4	88EB8A19E902719B3CE9DA662FCAC2DA51 03222EA69D90F998C4F78455264B67	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.

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<b>Citizen CA-201626</b>	5C41EEFE84EDF7A2EF9E1C00F18E7758	300EF19DB40C9F89A76EE3F084C8F181F8E2BFA733E988D0A2AFA91D3582036E	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201627</b>	73C5FC675DA551464988EC2F1FC9A3F6	664733C532066BDC4869652ED8C0A30E9F9362D22538B5C1D1BE54F46A455783	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201628</b>	452CFDFFB76F4F6AEB6FAD43D48AC273	555D9DDAC37DCA03B29183945A4C96F111974EA18EEF6F08248F17C08002EAD6	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201629</b>	3CDCEED458620428B31B89D7F971CB49	2948CD252BE356329B7914AB5A085831D5C35F8AE76DA79DBADF259A7546FF57	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201630</b>	3072C17AADD82D2A425EB52D6A158935	91A9CB699E38602597831D4327CC5D107517C2F6AC1D74C096AEEDBC18CDEA63	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201631</b>	176BEC403E95D2D1D2CF19AC30A5B854	293D0BA3A31E5D82A8E3FAE12709932FFDDA44423E0F733FB01EF123E73EB4DA	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201632</b>	1CCAEF68F722FDF2092C023FA32A4B0A	616917F0378082A126DD21D30DE72D17AD253AAEEB36D249A5B5522AC759A3C6	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201633</b>	58151A1A2BE1E9F722BC7F1B01CC C241	9083504511A9F5D0CFAD05F3AEB75FF7552D571E8D0728DA988E3A5ACDF24445	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201634</b>	1790D37B4F593E076CC3057D6FE6763E	D05D2E64C85960EE20443A28C8EE18A78BD56A41AF66663A25BC0639F85CE320	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201635</b>	63E7B361A2B678A6E803C7E7BB43309D	469AC573F177170B5E37CB76D1313EA4FDE CBA26B8BAC21A39DF8B4F49E613DF	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201636</b>	7CD58DB7756C72DD3468B8C0B68A9759	E11332AD35554DEFC65C237BD85477C953800554BCA0D637A1FB560E434FE2E4	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201637</b>	3DF44E12B62E384E7B02036399C4D5D4	977EB4FE15CC1731480CC3225D8AFE80AC1E1803B7A142264F7DFDC68F1B8B35	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.

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<b>Citizen CA-201638</b>	56C0DF1D6730863DDF5BEB0AF2E64339	1FA3D946D642BDD705F53FB860964F92181B97C9607C84D65758ECE6A325B2B4	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201639</b>	4F869999667BED913384AE1C1E94C7E4	16AB66A3E9F6F156C70C873ACA4FED5C07C6E4BD8CDC0AE4D0E0A9B8C0D1EDEA	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201640</b>	7818EDDFA517B35E07B19116CC6FDAD9	E8847A5CE52E70B15C083B25AE707693F068CE8B86BB52959A6BC7C02257EF22	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201701</b>	6CC60C31DEB18618F5D725B1FE36E44B	0F6D3F8E92C14328156C6FE93CF2F8CAA39935F580B77FEA19B933E941360F41	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201702</b>	1DC6D3504AE854AE737B6DE2B243BADD	0E7A49C02A3C14F9C6BC16C38180475C23B33D5EB1A79D0E8C78542BC1B10F42	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201703</b>	4C22CE58F5B276B25E093A7CE5EE830D	65F71E4BCFF2EF8D8E00B540153DC461CB602C615D49FF3D91209B387B1C260A	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201704</b>	0F8493CA8CAFD37774C7AEDBBC743DB6	29ED97E9F0EBC555AEE0FD8A3759E216C987A0A40B3EF42F11B4E5296DF0FB7F	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201705</b>	3907385EA678E3200C610A9909B9CFEB	2E6A0CC7853A3E7926AE7410E9C17E527A6819C2E7DD3DE97BA2CE1F6958B40B	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201706</b>	13AF392BC41D5C0475F39599E66197A4	2A0074375EC6B7BE367A53B76ED94A68D45F510760CB7F9E0CF92314AFFBA2A0	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201707</b>	2907385EA678E3200C610A9909B9CFEB	21FC5EE8F9EC33BA8602E9B216729B968AC5E997C7005F83E6B21F8D4900B93F	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201708</b>	55F51D8C42366A3002692EFDAE459157	B34A475C019550358713ED035EA02C5EDC3A39B2FD5FC64E47E8EC0CCE1FAF1F	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201709</b>	5066F24C017FDF6A7B8FBFBD0A5FD1C4	194AD3E854B6B577DB80C9E583BDDF2DAA7F80816698E0CC851A0076807D8B94	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.

CA ID	Serial Number	SHA256 Fingerprint	Status
<b>Citizen CA-201710</b>	16CD4B3575A28C3F0646483BA0F37A41	80AC352930875BA0AFE7F70DD389130C8E1E7BEFFDC96477356AD2A9E003AD2B	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201711</b>	4C4D86F19AA1C12068B8D3B8C3073492	0380E02A0F183FCB4B7C27C82CBAB5DB9B716907F8B9A92B715991C07D60BECA	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201712</b>	1562E78CB373DB0D8179CC3BABE053D9	BDD4980E5461E83B43AC3D94F371A6D2D32FB5B5BF32DE675924FD99AD78C08A	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201713</b>	4307C2A0DB5DA6DA6DB3B628E9205A2F	C2E73327BF15E5FCA93EA77D8C6520E0C87EB34E2344BD55B71900AA0481A7A5	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201714</b>	4DCCFC6291A83CCB3FDB3849FAC27E9F	CB246CAF68D95009B4CC494DB19BD946A72AD359F3B4F8688280ED2FEE8A046A	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201715</b>	516E198D8C3FF57F0AA71E8B5A706A37	83F8F2F93CB8D39EF5A94BB6FAB7C3A3A2C8B6AEBF898515714ADF366204D7D1	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201716</b>	338EE92EF02961FDBDBC2476BD6F8079	91C0B4F1F941D725C163DC153A097982194AE5B7D7A7E9E47EEC1AC230FA85BE	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201717</b>	2683558D013BA3143A8A15DD597E6B92	24B56A0D2A72C7F52C5CEC5DC97674A23299D07636B61DCABE64C2CEE73D17F	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201718</b>	3F12D06B8E1A6B3324B8CEFE1FA1150E	2CB64FD1218A2DB270EBE16C23125384A29491DA2B616B5A680F294AD79F922A	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201719</b>	55BDCDEEAE0232CF4AF867D763ED0C	A3E4C7BB685B656F35E409F68A92465B2ED09A268E25B0A1D4560F6D5D2A64EB	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201720</b>	622080BF5304250321F8153A54CCBD5C	26E79A84FC6EEDF37F253D06BE4140FDA3814F5BC99C435F404447E963A7C043	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201721</b>	29B15ECF278BDA728BD03A3D3FB E7D69	58B385B76FD28E61F6CA61E1D5E41B32BD2B6FF511D2F5AEA0A4029304F4E48A	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.

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<b>Citizen CA-201722</b>	16457C3166FF1825524CCD2102A8F F01	BA13056334CC755F5D27AAB0BE99E5CB97 09D0343B405E1CE46964331BB5C45F	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201723</b>	1875D416C29725F0A640D625300DC E3C	30CC1FCCBBEC02E68991B9645920F9A996 C127C2FCBD079584F1D78D887591B7	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201724</b>	64DDC021066E794F2E4898558F6D1 75B	A8EB8FE099E986CD622D62115FEC730A705 422F4D34659ECF17BDD6D265EF964	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201725</b>	29CE3DC37CC82A2A2F016F50E452 AB76	00176CD8356F2F492DD04A893001C6EF610 B1EBCBB13C61FDFC3B705463A07CC	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201726</b>	1DB63A2789D29B6DBC22C89F8AE8 BF89	A2A64423370F29D25BC7A8E3187BA64E7EB 9AD2C694B32B0A60483B7764A8A99	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201727</b>	59D5CF7E885229F66FCE8D6FBFED 7A00	5CC5E2C68176EF63D4AC5BB2456D2FCC13 2884FA73556832F932751D765DA72F	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201728</b>	35E47F3D8C49F35782E49A85A746F 3F7	A3A310C3053A942FD16DCD283AA9B9A98B 4EBC501286DB53484445C2D4064395	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201729</b>	392676B39D1382ED96897F66D7463 B5D	092232E5DF1BF8BCBFED1AF4D91F3553F2 566184E0932E4BEAF71D16A59AD6C8	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201730</b>	6DCD82518F32F3FBD00CC8D19628 A628	5C2A6329B7BD1A2FFF1C1EDD7325314892 DF11491B3942A83F4F0B13694CCC01	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>Citizen CA-201801</b>	1EE5A3D178A506ADDB80F9A72AC AF529	C42485FDFF232918E352A579F01896513FC CD55F287B994F2F7D0CB1A17DAEF2	CA issued certificates during the period 16 February 2018 to 15 February 2019.
<b>Citizen CA-201802</b>	65A5A48B79D5DA229B1A90248646 A744	8D22AFCCB22C9B6E24267CE420B299655C 81F5D71E2ACFF907FE52AAA537A858	CA issued certificates during the period 16 February 2018 to 15 February 2019.
<b>Citizen CA-201803</b>	5E1F2D20FC8A9C5CBFF68F7EFCC D91AD	15917C4CB74BB301C445A2E030CDD290918 C80320381006927D22A43FD41FFD1	CA issued certificates during the period 16 February 2018 to 15 February 2019.
<b>Citizen CA-201804</b>	3407D3873C5BBFC1EF253FCC3065 4A4C	97F40390A5CAE258D6FB2FF8D023B198775 FF476A4BBEC1D1BAAC1334E57B6E1	CA issued certificates during the period 16 February 2018 to 15 February 2019.
<b>Citizen CA-201805</b>	1E3D082EFFF675473796FB9F54BB5 AE5	53C45AEFFD18C214074C19830FF4F5BB4FA 0F6C424508B7BC043216538685E5A	CA issued certificates during the period 16 February 2018 to 15 February 2019.

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<b>Citizen CA-201806</b>	79F3EE1569C5EC246223088024322 2C3	7F01291F68BA2491D4B93DC0F983F3DBB6A 143C3007AAB3E4A12043CAB5D39ED	CA issued certificates during the period 16 February 2018 to 15 February 2019.
<b>Citizen CA-201807</b>	07285E80422B8F284244BF3BFD4BE EA2	96A075EDDD0729055A932AAE25870F7D1F5 CF9E3901A7DC2CD8E916CC6E2B10B	CA issued certificates during the period 16 February 2018 to 15 February 2019.
<b>Citizen CA-201808</b>	78EB85067A970ED5B93952B9C0F4 26A9	E74644F46CDDEE471FCFCD6548C5F333DB D122CA4A4E67D652D5B1699E147679	CA issued certificates during the period 16 February 2018 to 15 February 2019.
<b>Citizen CA-201809</b>	44D730B54943D608702014FD048AC F7C	F78AE4D6DABC74640490AAE3637577A772E 3CC27DF322B969C30979557F5920D	CA issued certificates during the period 16 February 2018 to 15 February 2019.
<b>Citizen CA-201810</b>	11206EBB161183F16570B942EB409 D6A	7F45258EA27B56FFCFD3BD9695A01D00833 585B02CA2D4001F207CAE707D4CFD	CA issued certificates during the period 16 February 2018 to 15 February 2019.
<b>Citizen CA-201811</b>	7F0937C42452DD65E23E46365D487 B3C	F8AA6516517B38D350125B731E4CBA23A75 07BF5CDFD3DEF3DB891BD1DC2D409	CA issued certificates during the period 16 February 2018 to 15 February 2019.
<b>Citizen CA-201812</b>	6C97F78BD3267B9E22241041352FE 4F9	489CC9F0CD0E2937A10AD96A2375C0BD10 31B3ECC54BD064D5858CC062B41B10	CA issued certificates during the period 16 February 2018 to 15 February 2019.
<b>Citizen CA-201813</b>	21CBCC380DAD2C760F5FAB7856A 6FBAF	0D7726AFD04A794887192D8BE67554C67A9 626B67C69896B6AB14D93B6F52086	CA issued certificates during the period 16 February 2018 to 15 February 2019.
<b>Citizen CA-201814</b>	12E174980E5F0E9D71DBFF409C84 4FEB	296C9E5357C9C1F21E9064A310D1B7F3DA8 D10DEC4ABDEA7C372BB4C375B9BBE	CA issued certificates during the period 16 February 2018 to 15 February 2019.
<b>Citizen CA-201815</b>	24033BD9C1D9F5A3CCB95214B6B3 3234	9726BE1FD62CCED3F3233615DC324CA0A7 E787EB42273C8BE4CE3DD379BF9D70	CA issued certificates during the period 16 February 2018 to 15 February 2019.
<b>Citizen CA-201816</b>	23271F2FC6FE1C417548B8C923AF 9A9D	CC723CA484F1B044C7D42A2D49F173F77A 54762E5DDEA44CE47B531F048F333A	CA issued certificates during the period 16 February 2018 to 15 February 2019.
<b>Citizen CA-201817</b>	63770D1260575896BB369D602F8BC 561	8ED517B4BCDF2F50E05E8C36EDD31732E9 2DE66FBD3801399C2C63DCF964A91B	CA issued certificates during the period 16 February 2018 to 15 February 2019.
<b>Citizen CA-201818</b>	6605506AA2517C2AA744BEDE3603 2FE1	17EF6FB5C7BEDF2F0FE79E71B1BCCC8D8 9E75A0ADE16F56EA3AAADDF1D012ED8	CA issued certificates during the period 16 February 2018 to 15 February 2019.
<b>Citizen CA-201819</b>	188AF011058AB78B3C56523DD99E 0426	FE29039D2D47D029284D9AA8CFB1DED726 FF0E25FDE79FE84A9540187864B4B7	CA issued certificates during the period 16 February 2018 to 15 February 2019.
<b>Citizen CA-201820</b>	5F06EEC4E7BC96AEA6B90E5D971 AE859	E9C51CA39147B5738F64F835269D034C100 473755A4169E96C1FC23469821B0E	CA issued certificates during the period 16 February 2018 to 15 February 2019.
<b>Citizen CA-201901</b>	557368605C8400B6835C6EE707602 842	159904CE702D83634FBF051DE1909D91313 F22C400F8212C1CEF4EE09214D805	CA issued certificates during the period 16 February 2018 to 15 February 2019.
<b>Citizen CA-201902</b>	39C83F4BBB019BF031237150C58B6 4DB	C7E8EE1C8133D6B82904066125B190010A7 1D37B4EC4BA581ACB8DD0CB7A43BD	CA issued certificates during the period 16 February 2018 to 15 February 2019.

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<b>Citizen CA-201903</b>	3EE0E74878474D3A99A1E4F3B21550BE	225A0338E15AE8B87464BC07718922049C11C48247A491DDAF4706285B3AB7A4	CA issued certificates during the period 16 February 2018 to 15 February 2019.
<b>Citizen CA-201904</b>	69878AE636D75659E770F1A0D158632B	98FFCB22514C92039702012DFC8FA3A4125E4C27C1C4620AD914B38CEEFB418A	CA issued certificates during the period 16 February 2018 to 15 February 2019.
<b>Citizen CA-201905</b>	5CD308D0624A26AC254FA26241E5403E	D350DFDCBE6FC17DE23D2E3CE7D272900EEF1F314637D0D4ACD49E47F899FB68	CA issued certificates during the period 16 February 2018 to 15 February 2019.
<b>Citizen CA-201906</b>	53B6B671C7294912741A1630A6B61BBA	FC4760A744A7C6AEBFDA8D1E97E10296ABAF3FDD0863CF8027E8AFA77926017A	CA issued certificates during the period 16 February 2018 to 15 February 2019.
<b>Citizen CA-201907</b>	237615AD600D073526C5181C9073E613	0863530BDD07A49EB7A71DC92DF5BACB5AF85C08678B205E07747BD035F12D37	CA issued certificates during the period 16 February 2018 to 15 February 2019.
<b>Citizen CA-201908</b>	29FF73138AE0AAA085258270E1A2507E	285CF60729AF436F8BCB6D5BFDB0EDF95599E791DA262222D34F80819A748FAD	CA issued certificates during the period 16 February 2018 to 15 February 2019.
<b>Citizen CA-201909</b>	1893CA69916AC4C31DB30CE9F08B7A64	136A7A0BCCBE4FA35F6472E4A533674030E49EFAEC834A27D7110DEAD8160C10	CA issued certificates during the period 16 February 2018 to 15 February 2019.
<b>Citizen CA-201910</b>	350CB9DA7893C25C500FCD06C46D1943	2C32617317833A1D8569D650E17A8119E0337D8E0855317C58BFABDBC80F3D00	CA issued certificates during the period 16 February 2018 to 15 February 2019.
<b>Citizen CA-201911</b>	467144486643B1B9539A7BB70F2E1443	3FA192396443C55D5531BE51250630CA713F0FBFC76957966308202B8A748E2F	CA issued certificates during the period 16 February 2018 to 15 February 2019.
<b>Citizen CA-201912</b>	0FCB5EDA190BE277570EBCC57479DBA5	F037351BF456D015B80A48409590B47C4090C5831FDF77DFB8D17FB6CA0F5DC4	CA issued certificates during the period 16 February 2018 to 15 February 2019.
<b>Citizen CA-201913</b>	24ED17A18BE4C62D66CF82AFE74CCDA9	5FF1E9964B3022EFCFEC6E539B0D54D59575B3F556F284DC3DA3C2557084549E	CA issued certificates during the period 16 February 2018 to 15 February 2019.
<b>Citizen CA-201914</b>	06B32A6C8416D8371EF0C53AE5A38E7F	F057370EEE8C5A567134FC2CFF6A6C834051AB809B6D47BEA5B20F60B2D70F65	CA issued certificates during the period 16 February 2018 to 15 February 2019.
<b>Citizen CA-201915</b>	2A1177658C883283EDD485AC50F5B811	4B227639C2ADE10E5A78BD6C8BDCBF94D416B8B36958F58C3B9A8D26DAA9D903	CA issued certificates during the period 16 February 2018 to 15 February 2019.
<b>Citizen CA-201916</b>	2FF5A435A2AD1F29733A5DE3CC855842	CC4A5A3AA237A144702A551106D3E1D60BDA776CCA482A2D0F09F5CB3F425EC0	CA issued certificates during the period 16 February 2018 to 15 February 2019.
<b>Citizen CA-201917</b>	6D3460DB870B0DC922DE1B7AEC658758	0D42894EC1D169E56FDCEA0E3E473AA8195CD2954411EBFDE0ECC074B536F9C9	CA issued certificates during the period 16 February 2018 to 15 February 2019.
<b>Citizen CA-201918</b>	568B88342BFE6DC92935D01390970660	1CCF606E39AB7F40222610418548B38D5F37BD7D61865AA54EF0E98CDD9E9058	CA issued certificates during the period 16 February 2018 to 15 February 2019.
<b>Citizen CA-201919</b>	5E9351E953178313185D9FF5CABE156E	2BC1A806E0ECFAC19A6D298D2C6A5F423077E43263F15CDCDD687844286CD495	CA issued certificates during the period 16 February 2018 to 15 February 2019.

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<b>Citizen CA-201920</b>	44C39794BD6BF9361C913B5D0BC664B3	5722BCA5E046FFF3DD321C56418022EF53062ECD38447144DAAFA1A0CEADE966	CA issued certificates during the period 16 February 2018 to 15 February 2019.
<b>ForeignerCA-201201</b>	65ED79F4200B144DE97576FE3F7FCB13	E2343740CB7C337481730D4013978150F8E3A8B28D249887C728D71EA3120773	CA certificate expired on 23 July 2018 and was not renewed. CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>ForeignerCA-201202</b>	22253BAECC21065713465B9B33FB73D	F3FE06247131151A2F8B48366D27B5519FFEFFD78E15A35BFB9EF55BE789ED53	CA certificate expired on 23 July 2018 and was not renewed. CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>ForeignerCA-201203</b>	28B75F28C4255C40EA00782CE0B45215	4EB3FF5F09C9E2BC8FCEC07B79DC42EB0FE98B06815315FD35BC1A656A2E8815	CA certificate expired on 23 July 2018 and was not renewed. CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>ForeignerCA-201204</b>	783489C1C20A04DD52E2364453560A2E	0D94717146DF8D991FA137D5FD6EDD07A9CF7ED387AEC7EE97D8FE78515C8D41	CA certificate expired on 23 July 2018 and was not renewed. CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>ForeignerCA-201205</b>	4016A596AC531B244F32B3ED1CB6BDFA	A1B7B90E39968800B81F10CC3E496AB87F1D872318A67E8E0B304E094A2558AA	CA certificate expired on 23 July 2018 and was not renewed. CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>ForeignerCA-201301</b>	240F4773772BCB4B18F7085EA66B3F70	1C90B0940CA88E810EE5995BB12B88BDAC0BEBA18B708823B224EF0FE3AB56FA	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>ForeignerCA-201302</b>	32B98A08CADACFDC9DC20E43020D7C7C	483AC94F68E1985E5F46E90AFF623B4CB45AFF25E2E98AE581D29B0B9F2DE761	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>ForeignerCA-201303</b>	102A76FF5A9DA61152B83F36C9A71D78	4447EBD00CFA59B6C5D5D043E29FFBC162394F4FA20C4387CDFBB31D4EDEF92	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>ForeignerCA-201304</b>	26C8CEB833AD7FE9DAD68484446DA3A9	F426B8C1C11413917824E0CD092FC06CE6A57D893F906251FC03E979FD561605	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.



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ForeignerCA-201401	757E87C2DA99D4745D3E08284C125474	7998F25DCDB5B11FF2AE9461BBD98D027DEF22E08E5B82E4BAFBCB60B79ECE23	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
ForeignerCA-201402	758982F0657C11C21A4AA6FAAB04FBAB	8871F99C8F64853D9164464E59AFB3EAD87B6EB20F98649B4B07A084EE6C124E	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
ForeignerCA-201404	6B96E647A41E3210A7D19BA3FC03C2B0	259A6D5ED24EB207CDB5FD14EADC878BDE111CCB7CCBFB827687F779C118B612	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
ForeignerCA-201405	3AF54E9DA813E6C1258D28434C75FA60	75F9E698359D78D5B5D1A1541D91B9963AACF6BBF29036C8BBD30FC664C1C3C6	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
ForeignerCA-201501	4A5E8F562B05DCBF3ECE4092177C4A5C	5816C6E40799B5BC7F0B14C9614A36D3ACA771DF54A004945F0F8D7E0B29FFCA	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
ForeignerCA-201502	605F64E0C22131D1F26DBF59613BC971	DE98D1089FAEF8E97D8C428F218ACA0ED17C55CFB3571125E5A51189A99E2898	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
ForeignerCA-201503	1EC33EB01227B9782351F4F65669E178	BAF764FE9CFD9C314BB9768641B45C3A1BBA53586A7AA6DD014CB6C09F9A0520	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
ForeignerCA-201504	7BAB9A180D7087FBA36D9C86194BA62D	172020EBDB7FF3E07D47E8D4323C7E0265496E308E9F25D75A9C3328594C7BC4	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
ForeignerCA-201505	69AC8FCCFCE55A2407227A925C3F2CEF	CFD28EA7F34890EF88C588FEB03FC569437C7FA7BAA20641389B2822190B4E7B	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
ForeignerCA-201601	520C6CEFA47E016E21170FEC75B9F678	095E8483D13E90BB8BD24A2E79A5AD7BF1A9B3493DF62A481A751D47B044F133	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
ForeignerCA-201602	7AC7769DAB465E9C82164ABCBD492878	274F455DF66C7DAF043D7A23D8B6FAB5A9F1F8FC5C8527B7C94C9BC45CA8C9A7	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
ForeignerCA-201603	4309587E2D8B427FA4EDF043F31F1FBA	710B50493830DB5524DB3D27E2197662ADF1976F71F5364BB40FDF84205C3BC	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.

CA ID	Serial Number	SHA256 Fingerprint	Status
ForeignerCA-201604	3ED3B9B91477A384377EFD5FE438B361	E1022E01660FE9BAD493D06A1A882F95E3A5A22D3A5D2E34C49B36D6B1D405EE	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
ForeignerCA-201605	315928B6D35A87C0DE6649D3837EFF3A	89F35898183EDFAD0137E3A8A5E1533E5B765B221DA8982006BF3398AC39C3FC	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
ForeignerCA-201606	2E710CEDE32BBC393C5A6AA5A781DF2D	6891BEA994B0308C1F40171D9B761EBE8DB02CB5561621054C698310C91C2289	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
ForeignerCA-201607	7158C453175F14E1B96298D78783F6F8	20116836B50867A6F32A8638D0D04F8DD6D2BB764912B3A6986C0F7AA4ECD33B	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
ForeignerCA-201608	42982F7BA4E7908C5159ECE0C2A1ED02	266EC9C3415964780F75185B21470E9BE8CD3078F1E3770AF89483F59DC2BE4A	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
ForeignerCA-201609	6F3954867EFAAEE216ACF03C264DB30B	F0143A302D2A0CBDD35D451AB6F986AD66A2150E5F2CCE8E88D7B611830BB2ED	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
ForeignerCA-201610	57DA0F54105FD046F84A14FEAADB5F49	42ADFD824169729FEB140B4706F377912072CF067F3305E70FCCA544331A7C71	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
ForeignerCA-201701	660DDAB0AE056853C4EB961A80E48524	919EAC3E460C26B6862F13C3A5582E7BA088FCC21428E77DF00EEB78271A29AB	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
ForeignerCA-201702	1DF8E530E433E82EA2FCF373261CB4AE	8388F05065B5983F932C2BE2E548984DF71AE07F6CBAC331B648F5288B370D74	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
ForeignerCA-201703	7262079E06A3B52C83BEC91D56D2F9F2	9B04FDF981215F351DC0EC85AE1F81659FCB4A9A3FE7F9E1AB6218A2F36E8FAE	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
ForeignerCA-201704	4913B85FEDD85A39135B4118EEEBF114	6E60F06C03E33F822BB2CD3ECA83CDA442E4B4D99EEB7038BF01486D7643ABA	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
ForeignerCA-201705	7C74A61A9C23446E2E40143B1C5DD6B5	F2D7AB8371B83FB1BB6459183AD3762775F28E7140D49DDECA0E4445231A4C4B	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.

CA ID	Serial Number	SHA256 Fingerprint	Status
<b>ForeignerCA-201721</b>	3CC39BFD2AACDCD043F812D1F78 CEFD3	48FC959D0041908D9C515D919D325BC4EC 5BE4330A27C2B3F9E92C24002EEF2B	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>ForeignerCA-201722</b>	3B3C92EFD9CE176937FA370F3486 8221	F118959A5AD5EB37CEDB12518E2344899D ED857C034E1D666044467C7B2AEC29	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>ForeignerCA-201801</b>	29E143E66DF6C51AE2BB1FF94920 24B1	17016F6A703565E28AB1DF7E29A8B988D2E 35B8D832817A1F9379D88AD711411	CA issued certificates during the period 16 February 2018 to 15 February 2019.
<b>ForeignerCA-201802</b>	5A4CEF0481295216B95705C773051 BDF	15A58DE07F3C249E26FE8EA90D6B71A9653 6D74579D2D3BECFA72DEBA28FE6E2	CA issued certificates during the period 16 February 2018 to 15 February 2019.
<b>ForeignerCA-201803</b>	62B2AE43B3F52C3E96B3D25FABEF C5E0	63B0701657574FC60F348C785058F830A7ED D0C863C72B1290F8D47D5D9287FB	CA issued certificates during the period 16 February 2018 to 15 February 2019.
<b>ForeignerCA-201804</b>	1D0E0B0F89D91B626ECC54E17948 8A9C	64EB57DA3549C26585E82C5E3CD5297DA0 066563CDB484A555C552FC7677A620	CA issued certificates during the period 16 February 2018 to 15 February 2019.
<b>ForeignerCA-201805</b>	2B6EBBD119B9765919D784A141D8 A2B5	48E26C5904974D6A22E442FAE88A2A41829 0E00637B898720A13F2143ACD8EB6	CA issued certificates during the period 16 February 2018 to 15 February 2019.
<b>ForeignerCA-201901</b>	1967138B3E5E0221C1783DE7903B7 4ED	7786B601E150F0DFD0E9B2675A41550617A 27A43D5B0E0CDF2696E0DB168AB7B	CA issued certificates during the period 16 February 2018 to 15 February 2019.
<b>ForeignerCA-201902</b>	65CE16DADF8359572F79E88B3E0C 1903	5B4F43E6C358AF4C1ABF08E672AA916F156 D0FF98AA3FFF67D101BA3ADA46A9A	CA issued certificates during the period 16 February 2018 to 15 February 2019.
<b>ForeignerCA-201903</b>	30557E892AC525A9A84745D3314FA 6EC	E2C17A5A40336195770AB03EC8F19F4EF71 D8ED2A67E9B733C79250B2D74A48B	CA issued certificates during the period 16 February 2018 to 15 February 2019.
<b>ForeignerCA-201904</b>	25CCEDD199A2F4B631E14D75FC1 E372A	499EC782AC3A3C2A60A2E59070C0EDC212 38199A8654296C87D2BCD202F97A6C	CA issued certificates during the period 16 February 2018 to 15 February 2019.

CA ID	Serial Number	SHA256 Fingerprint	Status
<b>ForeignerCA-201905</b>	D625EE2800A5082064C3F3BEB68D7E82	BB0E5A46CFF8A387027D4D39DDCC49AF9D9498DF1C248C00C2ABB171452486EA	CA issued certificates during the period 16 February 2018 to 15 February 2019.
<b>GovernmentAA 201201</b>	35B73AF10F041F36BBD8FFE149671D77	91EE3B72E94C4BF53DD216AB54E5782A72A4014685CEDABF37D92D5AF729709A	CA certificate expired on 23 July 2018 and was not renewed. CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>GovernmentAA 201202</b>	457FCE02EFCFADADDC821AA2B0E81F33	9F0B991386DBE38BE7E66B3950ED3A4AF36C9868E63F9C839793DBE85C50AB55	CA certificate expired on 23 July 2018 and was not renewed. CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>GovernmentAA 201301</b>	54149FF889DCB130774594B82850893D	508FF6CC5D553819C633B37E91A666E4E6E3E00B05D7A7BA2B127ADF94A7931F	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>GovernmentAA 201401</b>	16FC53CEFF2B405F607B014EC7DFDF94	0E0257F0606B8BEE7CE9EBF45023CA4FDA21A2830C049C46ED2AF9B28607C2	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>GovernmentAA 201402</b>	1C7430B8910C50023FE3B24FA020B40C	B1738D367D09A70D1CEF3F7A00F971B350EBB86EAFEBE8AA9C964842D1F09690	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>GovernmentAA 201501</b>	5D60D7C4EEEC7E72D955239DF2FB1F6F	6B55EC860109441C1BF67D6192265423FB49C8A450DAA1A18433EB625AF8273D	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>GovernmentCA 201201</b>	554B5A84EC2FBE6245C25BE618364FE7	53BAA90BC386A09A6B9109C8894ECC8FB31F9E8F8D1296A49C984D373168A23B	CA certificate expired on 23 July 2018 and was not renewed. CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>GovernmentCA 201202</b>	08FFDAF7D6709CC3E3076EC0C769368A	ADF7F4C9518A16D762517A60E1F2B5F0A3A7F5126A84A7D329141489F239D7CE	CA certificate expired on 23 July 2018 and was not renewed. CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.

CA ID	Serial Number	SHA256 Fingerprint	Status
<b>GovernmentCA 201301</b>	2F57C7A20B15C667CC0646B9AB8B B369	CD7B55A42B2E24C3AF6D6BA0E29A205B25 C5A9A483CA8DB8E724295FB77D3208	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>GovernmentCA 201401</b>	416615F4A1CEFB908341445571F74 9D5	010A1032A41F95A82CC5A4ABB0988099B17 9A9AFB392EB1038E953BB1C5F7813	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>GovernmentCA 201402</b>	5B4947EC8075D5E037D325CE01D1 FF40	304159FC50707DEC2EDF665ACC97A81F43 A3AFCA24F4AE5A9F211D97B5404C64	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.
<b>GovernmentCA 2015</b>	555F4D5BC8A30976F70FC1E1221C 9193	CE0D509D259CF9CC9397F4CF4287BCF7CC F95D55064869AF2D12AAB2602F5244	CA did not issue certificates during the period 16 February 2018 to 15 February 2019 and was maintained online to provide revocation status information only.