

29 February, 2016

## Report of Independent Accountants

To the Management of WoSign CA Limited:

We have examined the assertion by the management of WoSign CA Limited (“WoSign”) that in providing its Certification Authority (“CA”) services at Shenzhen, China through the Root CA: “**Certification Authority of WoSign**”, “**CA 沃通根证书**”, “**CA WoSign ECC Root**” and “**Certification Authority of WoSign G2**”, during the period 1 January, 2015 through 31 December, 2015, WoSign has:

- disclosed its Business, Key and Certificate Life Cycle Management, and CA Environmental Control Practices in its [Certification Practice Statement](#), and maintained effective controls to provide reasonable assurance that it provided such services in accordance with its disclosed practices, and
- maintained effective controls to provide reasonable assurance that:
  - subscriber information was properly authenticated (for the registration activities performed by WoSign);
  - the integrity of keys and certificates it managed was established and protected throughout their life cycles;
  - the integrity of subscriber keys and certificates it managed was established and protected throughout their life cycles;
  - logical and physical access to CA systems and data was restricted to authorized individuals
  - the continuity of key and certificate life cycle management operations was maintained; and
  - CA systems development, maintenance and operations were properly authorized and performed to maintain CA system’s integrity.

based on the [Trust Service Principles and Criteria for Certification Authorities Version 2.0](#).

WoSign management is responsible for the management assertion. Our responsibility is to express an opinion on management’s assertion based on our examination.

Our examination was conducted in accordance with attestation standards established by the American Institute of Certified Public Accountants and, accordingly, included (1) obtaining an understanding of WoSign’s key and certificate life cycle management business practices and information privacy practices and its controls over key and certificate integrity, over the authenticity and privacy of subscriber and relying party information, over the continuity of key and certificate life cycle management operations, and over development, maintenance and operation of system’s integrity; (2) selectively testing transactions executed in accordance with disclosed key and certificate life cycle management business and information privacy 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 our examination provides a reasonable basis for our opinion.

The relative effectiveness and significance of specific controls at WoSign 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.

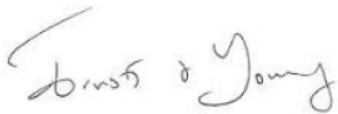
Because of inherent limitations in controls, errors or fraud may occur and not be detected. Furthermore, the projection of any conclusions, based on our findings, to future periods is subject to the risk that the validity of such conclusions may be altered because of (1) changes made to the system or controls, (2) changes in processing requirements, (3) changes required because of the passage of time, or (4) degree of compliance with the policies or procedures may alter the validity of such conclusions.

In our opinion, for the period 1 January, 2015 through 31 December, 2015, WoSign management's assertion, as set forth in the first paragraph, is fairly stated, in all material respects, based on the [Trust Service Principles and Criteria for Certification Authorities Version 2.0](#).

The WebTrust seal of assurance for the Certification Authority on WoSign's website 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.

This report does not include any representation as to the quality of WoSign's services beyond those covered by the [Trust Service Principles and Criteria for Certification Authorities Version 2.0](#), nor the suitability of any of WoSign's services for any customer's intended purpose.

Yours faithfully,





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**Assertion of Management as to  
its Disclosure of its Business Practices and its Controls Over  
its Certification Authority Operations  
During the Period 1 January, 2015 through 31 December, 2015**

29 February, 2016

WoSign CA Limited ("WoSign") operates Certification Authority ("CA") services at Shenzhen, China through its Root CA: "**Certification Authority of WoSign**", "CA 沃通根证书", "**CA WoSign ECC Root**" and "**Certification Authority of WoSign G2**".

WoSign's CA services provide the following CA activities:

- Subscriber key management services
- Subscriber Registration
- Certificate Renewal
- Certificate Issuance
- Certificate Distribution
- Certificate Revocation, and
- Certificate Status Information Processing

Management of WoSign is responsible for establishing and maintaining effective controls over its CA operations, including its CA business practices disclosure in WoSign's [Certificate Practice Statement](#), service integrity (including key and certificate life cycle management controls), and CA environmental 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 provide only reasonable assurance with respect to WoSign's CA operations. Furthermore, because of changes in conditions, the effectiveness of controls may vary over time.

Management of WoSign has assessed the disclosure of its certification practices and its controls over its CA operations. Based on that assessment, in management's opinion, in providing its CA services at Shenzhen, China through its Root CA: "Certification Authority of WoSign", "CA 沃通根证书", "CA WoSign ECC Root" and "Certification Authority of WoSign G2", during the period 1 January, 2015 through 31 December, 2015, WoSign has:



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- disclosed its Business, Key and Certificate Life Cycle Management, and CA Environmental Control Practices in its Certification Practice Statement, and maintained effective controls to provide reasonable assurance that it provided such services in accordance with its disclosed practices, and
  - maintained effective controls to provide reasonable assurance that:
    - subscriber information was properly authenticated (for the registration activities performed by WoSign);
    - the integrity of keys and certificates it managed was established and protected throughout their life cycles;
    - the integrity of subscriber keys and certificates it managed was established and protected throughout their life cycles;
    - logical and physical access to CA systems and data was restricted to authorized individuals;
    - the continuity of key and certificate life cycle management operations was maintained; and
    - CA systems development, maintenance and operations were properly authorized and performed to maintain CA systems integrity.

based on the [Trust Service Principles and Criteria for Certification Authorities Version 2.0](#), including the following:

### **CA Business Practices Disclosure**

#### *CA Business Practices Management*

- Certificate Practice Statement Management

### **Service Integrity**

#### *Key Life Cycle Management Controls*

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



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*Subscriber Key Life Cycle Management Controls*

- CA-Provided Subscriber Key Generation Services

*Certificate Life Cycle Management Controls*

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

**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

Yours faithfully,

*For and on behalf of*  
WOSIGN CA LIMITED  
  
*Authorized Signature(s)*

Mr. Richard Wang  
Chief Executive Officer  
WoSign CA Limited

