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Independent Auditor's Report

Amstelveen, 2 February 2018

To the Management of Logius

We have examined the assertion by the management of Logius, that in providing its Extended Validation Certification Authority (EV-CA) services in the Netherlands during the period from 1 January 2017 through 31 December 2017, Logius has:

- Disclosed its EV Certificate life cycle management practices and procedures, including its commitment to provide EV Certificates in conformity with the CA/Browser Forum Guidelines, and provided such services in accordance with its disclosed practices.
- Maintained effective controls to provide reasonable assurance that:
 - EV Subscriber information was properly collected, authenticated (for the registration activities performed by Logius) and verified; and
 - The integrity of keys and EV certificates it manages is established and protected throughout their life cycles;

in accordance with the WebTrust® Principles and Criteria for Certification Authorities - Extended Validation SSL, version 1.6 for the following CAs (referred to collectively as the Central Infrastructure of the Dutch Government PKI "PKIoverheid"):

| Certificate Authority | SHA2-fingerprint |
|--|---|
| Root Certificate Authority ("Staat der Nederlanden EV Root CA") | 4D:24:91:41:4C:FE:95:67:46:EC:4C:EF: A6:CF:6F:72:E2:8A:13:29:43:2F:9D:8A: 90:7A:C4:CB:5D:AD:C1:5A |
| Subordinate CA ("Staat der Nederlanden EV Intermediair CA") | DC:86:2A:3F:02:5E:F7:F2:52:FA:94:13: CB:60:DE:25:E5:7E:6A:A7:E1:FB:1D:CA: 7B:59:D2:C2:21:71:06:EA |

The management of Logius is responsible for its assertion. Our responsibility is to express an opinion on management's assertion based on our examination.



*Subject: Independent Auditor Report
Amstelveen, 2 February 2018*

Our examination was conducted in accordance with International Assurance Engagement Standards and, accordingly, included:

- Obtaining an understanding of CA's key and EV certificate life cycle management business practices and its controls over key and EV certificate integrity, over the continuity of key and certificate life cycle management operations, and over the development, maintenance, and operation of systems integrity;
- Selectively testing transactions executed in accordance with disclosed EV certificate life cycle management business practices;
- Testing and evaluating the operating effectiveness of the controls; and
- Performing such other procedures as we considered necessary in the circumstances.

We believe that our examination provides a reasonable basis for our opinion.

Through the Central Infrastructure of the Dutch Government PKI "PKIoverheid", Logius provides certificates to subordinate Certification Services Providers (CSPs) in order to become part of the Dutch Government PKI "PKIoverheid". The relative effectiveness and significance of specific controls at the Central Infrastructure of the Dutch Government PKI "PKIoverheid" 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 subordinate Certification Service Providers operating within the Dutch Government PKI and their individual subscriber and relying party locations. During our examination, we have performed no procedures to evaluate the effectiveness of controls at these locations.

Because of the nature and inherent limitations of controls, Logius' 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.

In our opinion, for the period 1 January 2017 through 31 December 2017, Logius' management's assertion, as referred to above, is fairly stated, in all material respects, in accordance with the WebTrust® Principles and Criteria for Certification Authorities - Extended Validation SSL, version 1.6.

The relative effectiveness and significance of specific controls at Logius 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.

The WebTrust for EV seal of assurance for Certification Authorities on the Logius' 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.



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This report does not include any representation as to the quality of Logius' services beyond those covered by the WebTrust® Principles and Criteria for Certification Authorities - Extended Validation Audit Criteria, nor the suitability of any services for any customer's intended purpose.

On behalf of KPMG Advisory N.V.

Original signed by

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



Logius
*Ministerie van Binnenlandse Zaken en
Koninkrijksrelaties*

Management Assertion Logius EV 2017

Date 1 February 2018

Assertion of Management as to its Disclosure of its Business Practices and its Controls Over its Extended Validation Certification Authority Operations during the period from 1 January 2017 through 31 December 2017

1 February 2018

The Dutch Governmental Shared Service Organisation for ICT “Logius” (Logius), provides Extended Validation Certification Authority (EV-CA) services through its “Staat der Nederlanden EV CA”, consisting of a root Certification Authority and one subordinate CA.

Logius provides certificates to Certification Services Providers (CSPs) in order to become part of the Dutch Government PKI “PKIoverheid”. The practices outlining the processes related to accession, supervision and control are described in the PKIoverheid Extended Validation Certification Practice Statement (CPS, version 1.5, dated October 2016), as is published on the website of the [Policy Authority PKIoverheid](#).

The management of Logius is responsible for the Extended Validation Certification Authority of the Dutch Government PKI and responsible for establishing and maintaining effective controls over its EV-CA operations, including:

- CA Business Practices Disclosure in its Certificate Practice Statement, as published on the website of Logius.
- Service integrity, including key and certificate life cycle management controls.

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 the EV-CA operations of Logius. Furthermore, because of changes in conditions, the effectiveness of controls may vary over time.

The management of Logius has assessed the controls over the EV-CA operations of PKIoverheid. Based on that assessment, in Management's opinion, in providing EV-CA services in the Netherlands, during the period from 1 January 2017 through 31 December 2017, Logius has:

- Disclosed its EV Certificate life cycle management practices and procedures, including its commitment to provide EV Certificates in conformity with the CA/Browser Forum Guidelines, and provided such services in accordance with its disclosed practices, and
- Maintained effective controls to provide reasonable assurance that:
 - EV Subscriber information was properly collected, authenticated and verified, and
 - The integrity of keys and EV certificates it manages is established and protected throughout their life cycles,

based on the [WebTrust® Principles and Criteria for Certification Authorities - Extended Validation SSL, version 1.6](#) including the following:

- **CA BUSINESS PRACTICES DISCLOSURE**
- **SERVICE INTEGRITY**
 - EV Certificate Content and Profile
 - EV Certificate Request Requirements
 - Information Verification Requirements
 - Certificate Status Checking and Revocation
 - Employee and Third Party Issues
 - Data and Record Issues

For approval:

Original signed by

ir. Y.L. van der Brugge-Wolring
General Manager Logius