

Independent Auditor's Report

To the Management of RSA, Security Division of EMC:

We have examined the assertion by the management of RSA, Security Division of EMC (“RSA Security”) that in providing its Certification Authority (CA) services known as RSA Root CA 2048 in Bedford, Massachusetts, during the period from February 1, 2014 through January 31, 2015, RSA Security has:

- Disclosed its Business, Key Life Cycle Management, Certificate Life Cycle Management, and CA Environmental Control practices in its Certificate Policy and Certification Practice Statement.
- Maintained effective controls to provide reasonable assurance that:
 - RSA Security provides its services in accordance with its CP/CPS.
- Maintained effective controls to provide reasonable assurance that:
 - The integrity of keys and certificates it manages was established and protected throughout their life cycles;
 - The Subscriber information was properly authenticated (for the registration activities performed by RSA Security); and
 - Subordinate CA certificate requests were accurate, authenticated and approved;
- Maintained effective controls to provide reasonable assurance that:
 - Logical and physical access to CA systems and data were restricted to authorized individuals;
 - The continuity of key and certificate management operations were maintained; and
 - CA systems development, maintenance and operations were properly authorized and performed to maintain CA systems integrity;

based on the WebTrust^{SM/TM} Principles and Criteria for Certification Authorities Version 2.0.
for the RSA Root CA 2048 v3.



RSA Security's management is responsible for its 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 RSA Security's key and certificate life cycle management business 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 systems 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 RSA Security 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 the nature and inherent limitations of controls, RSA Security'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.

In our opinion, for the period February 1, 2014 through January 31, 2015, RSA Security's management's assertion, as set forth in the first paragraph, is fairly stated, in all material respects, based on the WebTrust^{SM/TM} Principles and Criteria for Certification Authorities.

This report does not include any representation as to the quality of RSA Security's services beyond those covered by the WebTrust^{SM/TM} Principles and Criteria for Certification Authorities, nor the suitability of any of RSA Security's services for any customer's intended purpose.

RSA Security's use of the WebTrust^{SM/TM} for Certification Authorities Seal constitutes a symbolic representation of the contents of this report and it is not intended, nor should it be construed, to update this report or provide any additional assurance.

A handwritten signature in black ink that reads "Grant Thornton LLP".

Philadelphia, Pennsylvania
February 11, 2015



The Security Division of EMC

RSA Security LLC
174 Middlesex Turnpike
Bedford, MA 01730

Tel +781-515-5000
Fax +781-515-5450
www.emc.com/rsa

**Assertion by Management of RSA, The Security Division of EMC
Regarding its Disclosure of its Business Practices and its Controls
Over its Certification Authority Operations
During the period from February 1, 2014 through January 31, 2015**

February 11, 2015

RSA, Security Division of EMC ("RSA") provides the following certification authority services through its RSA Root CA 2048 v3:

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

Management of RSA is responsible for establishing and maintaining effective controls over its CA operations, including CA business practices disclosure, 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.

Controls have inherent limitations, 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 RSA's Certification Authority operations. Furthermore because of changes in conditions, the effectiveness of controls may vary over time.

Management has assessed the controls over its CA operations. Based on that assessment, in RSA Management's opinion, in providing its Certification Authority services at Bedford, Massachusetts during the period from February 1, 2014 through January 31, 2015:

- Disclosed its Business Key Life Cycle Management, Certificate Life Cycle Management, and CA Environmental control practices in its Certificate Policy and Certification Practice Statement.
- Maintained effective controls to provide reasonable assurance that:
 - RSA provides its services in accordance with its CP/CPS
- Maintained effective controls to provide reasonable assurance that:
 - The integrity of keys and certificates it manages was established and protected throughout their life cycles;

- The Subscriber information was properly authenticated (for the registration activities performed by RSA); and
- Subordinate CA certificate requests were accurate, authenticated and approved.
- Maintained effective controls to provide reasonable assurance that:
 - Logical and physical access to CA systems and data was restricted to authorized individuals;
 - The continuity of key and certificate management operations was maintained; and
 - CA systems development, maintenance and operations were properly authorized and performed to maintain CA systems integrity.

based on the WebTrust^{SM/TM} Principles and Criteria for Certification Authorities Version 2.0 for the RSA Root CA 2048 v3, including the following:

CA BUSINESS PRACTICES DISCLOSURE

Certification Practice Statement (CPS)
Certificate Policy (CP)

CA BUSINESS PRACTICES MANAGEMENT

Certification Practice Statement Management
Certificate Policy Management
CP and CPS Consistency

CA ENVIRONMENTAL CONTROLS

Security Management
Asset Classification and Management
Personnel Security
Physical and Environmental Security
Operations Management
System Access Management
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 and Destruction
CA Key Compromise
CA Cryptographic Hardware Life Cycle Management


CERTIFICATE LIFE CYCLE MANAGEMENT CONTROLS

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

SUBORDINATE CA CERTIFICATE LIFE CYCLE MANAGEMENT CONTROLS

Subordinate CA Certificate Life Cycle Management

Yours sincerely,

A handwritten signature in black ink, reading "Glen M. Schermerhorn". The signature is fluid and cursive, with the first name "Glen" and last name "Schermerhorn" clearly legible. The signature is positioned above a horizontal line.

Glen Schermerhorn
Vice President, RSA Global Services
RSA, The Security Division of EMC