Maintenance Report

BlackBerry® Device Software 7.1.0

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1 Introduction

Research In Motion Limited has submitted (via EWA-Canada) the Impact Analysis Report (IAR) for BlackBerry® Device Software 7.1.0, satisfying the requirements outlined in Assurance Continuity: CCRA Requirements, v2.0, November 2011. In accordance with those requirements, the IAR describes the changes made to BlackBerry® Device Software 7.1.0 (the maintained Target of Evaluation), the evidence updated as a result of the changes and the security impact of the changes.

2 Description of changes to the TOE

The change in the BlackBerry® Device Software 7.1.0 is one bug fix. For the change, it was verified that there were no required changes to the security functional requirements in the ST, and thorough functional and regression testing was conducted by the developer to ensure that the assurance in the Target of Evaluation (TOE) was maintained. Research In Motion Limited subjected the TOE to complete regression testing on the hardware models:

- 9370 Model BlackBerry® Handheld Device with software version 7.1.0 bundle 896;
- 9380 Model BlackBerry® Handheld Device with software version 7.1.0 bundle 1006;
- 9790 Model BlackBerry® Handheld Device with software version 7.1.0 bundle 897;
- 9850 Model BlackBerry® Handheld Device with software version 7.1.0 bundle 921;
- 9930 Model BlackBerry® Handheld Device with software version 7.1.0 bundle 1008; and
- P'9981 Model BlackBerry® Handheld Device with software version 7.1.0 bundle 893.

3 Description of Changes to the IT Environment

Changes to the underlying IT environment, in this case the addition of new hardware models, is permissible under assurance continuity provided that they do not change the certified TOE. Research In Motion Limited subjected the TOE to complete regression testing on new hardware models:

- 9220 Model BlackBerry® Handheld Device with software version 7.1.0 bundle 1015;
- 9320 Model BlackBerry® Handheld Device with software version 7.1.0 bundle 489;
- 9360 Model BlackBerry® Handheld Device with software version 7.1.0 bundle 623;
- 9810 Model BlackBerry® Handheld Device with software version 7.1.0 bundle 624;
- 9860 Model BlackBerry® Handheld Device with software version 7.1.0 bundle 1008; and
- 9900 Model BlackBerry® Handheld Device with software version 7.1.0 bundle 624.

4   Affected developer evidence

Modifications to the product necessitated changes to a subset of the developer evidence that was previously submitted for the TOE. The set of affected developer evidence was identified in the IAR. Additional guidance documents for the newly supported hardware models are provided by the developer from their website.

5   Conclusions

The change to the TOE was a bug fix. Through functional and regression testing of BlackBerry® Device Software 7.1.0 assurance gained in the original TOE certification was maintained. As all of the changes to the TOE have been classified as minor, it is the conclusion of the CB that the maintained TOE is appropriate for assurance continuity and re-evaluation is not required.

6   References

Assurance Continuity: CCRA Requirements, v2.0, November 2011.

CCS Guide #6, Technical Oversight for Assurance Continuity of a Certified TOE, v1.6, May 2011.

Certification Report EAL4+ Evaluation of Blackberry® Device Software 5.0.0, v1.1, 12 March 2010.