Maintenance Report

Solaris™ 10 Release 05/09

Issued by:

Communications Security Establishment Canada

Certification Body

Canadian Common Criteria Evaluation and Certification Scheme

1   Introduction

Sun Microsystems, Inc. has submitted the Solaris™ 10 Release 05/09 Impact Analysis Report to the CCS Certification Body, satisfying the requirements outlined in Version 1.0 of the Common Criteria document CCIMB-2004-02-009: <u>Assurance Continuity: CCRA Requirements</u>. In accordance with those requirements, the Impact Analysis Report (IAR) describes the changes made to Solaris™ 10 Release 11/06 (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 following characterizes the changes implemented in Solaris™ 10 Release 05/09. For each change, it was verified that there were no required changes to the security functional requirements (SFR) in the Security Target (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. The changes in the Solaris™ 10 Release 05/09 comprise bug fixes which are delivered in the form of patches.

3   Description of Changes to the IT Environment

Changes to the underlying IT environment are permissible under assurance continuity provided that the original ST did not levy any SFRs on the elements being changed or added to. A modified ST was provided that included a list of additional hardware platforms. Sun Microsystems, Inc. subjected Solaris™ 10 Release 05/09 to complete regression testing on all platforms. The additional hardware platforms are:

CPU Type	Platform
UltraSPARC T1 / T2 - Chip Multithreading Technology (CMT)	Sun Blade T6340
SPARC 64 VI / VII	Sun Enterprise M3000
AMD Opteron 100, 200, 800 & 2000 Series	Sun Fire X2200
Intel Xeon 5000 / 5500 / 7000 Series	Sun Blade X6270, Sun Blade X6275, Sun Fire X2250, Sun Fire X2270, Sun Fire X4170, Sun Fire X4250, Sun Fire X4270, and Sun Fire X4275

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.

5 Conclusions

All changes to the TOE were bug fixes. Through functional and regression testing of Solaris™ 10 Release 05/09 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, CCIMB-2004-02-009, Version 1.0, February 2004

Technical Oversight for Assurance Continuity of a Certified TOE, Version 1.2, October 2005

Certification Report EAL 4+ Evaluation of Sun Microsystems Inc. Solaris™ 10 Release 11/06