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**Australian Government**  
**Department of Defence**

**Defence Signals Directorate**  
**Australasian Information Security**  
**Evaluation Program**

**Development Tools CM Coverage**  
**(ACM\_SCP.3) - CC V2.2**  
***Common Evaluation Methodology***

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**Version 1.1**

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Common Evaluation Methodology

Development Tools CM Coverage (ACM\_SCP.3) - CC V2.2

## **Amendment Record**

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# 1 Development Tools CM Coverage (ACM\_SCP.3)

## 1.1 Objectives

- 1 The objective of this sub-activity is to determine whether the configuration list includes the TOE, the parts that comprise the TOE, the TOE implementation representation, security flaws, development tools and related information, and the evaluation evidence.

## 1.2 Input

- 2 The evaluation evidence for this sub-activity is:
  - a) the ST; and
  - b) the configuration list.

## 1.3 Evaluator Actions

### 1.3.1 ACM\_SCP.3.1E

<b>ACM_SCP.3.1C</b> The list of configuration items shall include the following: implementation representation; security flaws; <b>development tools and related information</b> ; and the evaluation evidence required by the assurance components in the ST.
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ACM\_SCP.3-1 The evaluator *shall check* that the configuration item list includes the set of items required by the CC.

- 3 The evaluator reviews the configuration list for the following configuration items:
  - a) the TOE implementation representation (i.e., the components or subsystems that compose the TOE and the TOE itself) that unambiguously defines the TSF to a level of detail such that the TSF can be generated without further design decisions (from ADV\_IMP):

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- i) for a software-only TOE, the implementation representation may consist solely of source code;
  - ii) for a TOE that includes a hardware platform, the implementation representation may refer to a combination of software, firmware and a description of the hardware such as PCB Gerber files and drill files, manufactured ICs mask files and special manufacturing information such as tolerances, finishes, adhesives, heat processes, printing.
- b) the evaluation evidence required by the assurance components in the ST.
  - c) the documentation used to record details of reported security flaws associated with the implementation (e.g., problem status reports derived from a developer's problem database);
  - d) all tools (incl. test software, if applicable) involved in the development and production of the TOE including the names, versions, configurations and roles of each development tool, and related documentation. E.g. for a software TOE: “development tools” are usually programming languages and compiler and “related documentation” comprises compiler and linker options. For a hardware TOE, “development tools” may include CAD/Drafting tools and “related documentation” might comprise options or settings for the automated layout of Printed Circuit Boards.

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