	Common Criteria Recognition Arrangement **Management Committee** **Operating Procedures**

Title: USB Portable Storage Device Collaborative PP Work Plan
Maintained by: CCDB Work Group for USB Portable Storage Devices
Version: 0.16
Status: Draft
Date of issue: *2014-January-10*

Background and Purpose

Several Protection Profiles (PP) for Universal Serial Bus (USB) media storage devices have been developed that address the same, or very similar, threat environment and usage scenarios. While there are minor differences in the Security Functional Requirements (SFRs), these differences have a negative impact on product developers, as it is unclear if a single Security Target (ST) could be written to be in compliance with the set of multiple PPs. Therefore, the *Common Criteria (CC) Development Board (DB) USB Portable Storage Device Work Group,* simply referred to as the Working Group (WG) for the remainder of this document, has been stood up to create the following Work Plan (WP), which documents the approach and schedule for completing the process of generating an Essential Security Requirements (ESR) and crafting the necessary materials to be provided to an international Technical Community (iTC) that will be responsible for creating a Collaborative Protection Profile (cPP) for a USB portable storage device, henceforth referred to as device.

Membership

This Work Group is a collection of CCRA government representatives that consists of the following nations: Sweden (lead), Australia, Canada, Denmark, Finland, Germany, Japan, the Netherlands, Singapore, Turkey, the United Kingdom, and the United States. It is important to note that the invitation to the participating nations includes all members of the CCRA, certificate producing and certificate consuming, and more nations may join the WG at any time.

As this is a pilot project, the WG has also created a document [*cPP Process*] that describes the process that will be employed for creating the USB Portable Storage Device cPP. This documented process serves as a guide for the WG, as well as the iTC that will create the cPP. Since this is essentially a trial of cPP creation, the process may change as needed, and this WP may change as well.

CCDB cPP Working Group Role & Responsibilities

The WG will follow the *CCDB USB cPP Work Group-Terms of Reference [WG ToR],* which documents how the WG will operate, including how decisions are made; deliverables the WG is responsible for developing, etc. The [*WG ToR*] is written to include items that are unique to the pilot project, and it is envisioned that a general WG ToR will be developed and approved by the CCDB that will be followed by all CCDB WGs in the future.

As the [*cPP Process*] describes, the WG is responsible for creating a Work Plan (this document) that describes the activities the WG will perform to support the creation of an ESR. The WG has also been delegated the task of exploring the existence of Technical Communities (TC) in the technology area and determining if it is suitable to engage them in the development of the cPP and if they are willing to abide by the CCRA cPP development process. If a suitable TC does not exist, the WG is charged with initiating an iTC to further the cPP development. In this role, the WG is also responsible for gathering any references

(e.g., references to relevant existing supporting documents, technical references, industry points of contact) that are required, or may be useful to the iTC.

As this is the Work Plan for the pilot program, it is envisioned the WG may be more involved in the early stages of iTC creation, since much of the infrastructure and necessary documentation has yet to be created.

Milestones and Deliveries

Milestone/ Delivery	Reviewers	Approval Authority	Comments, Dependencies	Delivery Date	Document Under Change Control
"ToR" for WG	CCDB Work Group	CCDB WG	First document produced, as it governs how the WG operates. Draft out for review – Add to agenda for WG Meeting – add item about WG physical meetings – document key items and have a review session.	ASAP	Yes
Template ToR for CCDB WG	CCDB Work Group	CCDB	Draft out for review		Yes
Work Plan	CCDB Work Group	CCDB Work Group	This document describes the activities the WG will perform, including the deliverables	ASAP	Yes
Essential Security Requirements (ESR)	CCDB Work Group	CCDB Work Group	Version 1.3 was disseminated to the WG, and there were no objections. The version number was incremented to 2.0 for public distribution and for the iTC.	October 28, 2013	Yes
Comparison of the existing USB PPs	CCDB Work Group	CCDB Work Group	A comparison of the existing USB PPs was performed early on and this work was consulted in the development of the ESR.	Done but to be moved to vendor area as well	
USB cPP Process Whitepaper	26 Member Nations, CCUF	CCDB Work Group	A unique item that is here, since this is the pilot.	November 2013	Yes
Disposition of Comments	CCDB Work Group	CCDB Work Group	This will contain all the comments that are suitable for public release.	November 2013	

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cPP Process Whitepaper	26 Member Nations, CCUF	CCDB	Meant to identify the generic cPP process separately from the USB process.	As above but using styles in word to identify differences.	Yes
FAQ	Work Group	CCDB Work Group	The frequently asked questions document is intended to capture the answers to questions regarding the process. It is envisioned that this document will evolve as the process document evolves. May need to have one for general process, we shall see.	Draft is complete.	
Rationale for supporting documents for USB technology type	Work Group	CCMC approves the need	Review and send out to CCDB		Yes
Cryptographic Definitions	Work Group	Work Group/CC DB	Guidance document It was agreed for this and the next two documents that the focus will be on what is relevant for the USB device and follow on work to make it more general will continue afterwards.		Yes
Extended Security Functional Requirements for Cryptography in cPPs	Work Group	Work Group/CC DB	Guidance document		Yes
Specification of Cryptography in cPPs	Work Group	Work Group/CC DB	Guidance document		Yes
Verification of Cryptography in cPPs	Work Group	Work Group/CC DB	Guidance document – will be worked once the other SDs are mature		Yes
cPP template Supporting document rationale	Work Group/CCDB	CCDB	Guidance document – we will create a separate rationale for baseline SARs – Jim to create and submit for WG review	End November	Yes

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cPP template Supporting document	Work Group/CCDB	CCDB	The cPP template will provide a set of security assurance requirements that are envisioned to be a baseline. Guidance document – Jim to create and submit for WG review	End November	Yes
Call for establishment of an iTC for CC Portal	Work Group/CCDB	CCDB		ASAP	Yes
ToR Supporting Document	Work Group/CCDB	CCDB	The CCUF template is to be used as the baseline. Need to incorporate the 6 principles and interpretations to our work. Also discussed putting something in about following the documented process.	ASAP	Yes
Working Document that describes the maintenance of the cPP and supporting documents	Work Group/CCDB	CCDB	Need to also discuss the certification process of the cPP, as well as the supporting documents. The CCDB will approve the supporting document per the process, but how will subsequent changes be approved. Also how will we update issues/interpretations, errata(?) – keep separate for now but merge into WP		Yes
CCRA committee document	Work Group/CCDB	CCMC/CCDB	An overarching paper that describes this. Describes the whole process. The MC and DB Procedure documents fall under this. Once the Procedure documents are completed, this document may no longer be needed.		
CCMC Procedure	Work Group/CCMC	CCMC	A paper that describes the role and procedures regarding		

			the CCMC.		
CCDB Procedure	Work Group/CCDB	CCDB	David is working on a paper that describes the role and procedures regarding the CCDB.		

References

1) *[GE-PP] Common Criteria Protection Profile for USB Storage Media, BSI-PP-0025, v1.4, 27/3/06*
2) *[GE-PP2] Protection Profile for Portable Storage Media (PSMPP), v0.6, 6 December 2011*
3) *[SC] CPA Security Characteristic – Hardware Media Encryption, v1.0, September 2011*
4) *[SW-PP] Protection Profile – Encrypted Storage Device, v1.0, 1 September 2011*
5) *[US-PP] Protection Profile for USB Flash Drives, v1.0, 1 December 2011*
6) *[cPP Process] Establishing International Technical Communities and collaborative Protection Profiles development, vx.x, Date TBD*
7) *[WG ToR]CCDB USB cPP Work Group-Terms of Reference, v.yy, Date TBD*

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