ASSURANCE CONTINUITY MAINTENANCE REPORT FOR SAMSUNG GALAXY DEVICES ON ANDROID 8.0 and 8.1

Maintenance Update of Samsung Galaxy Devices on Android 8.0 and 8.1

Maintenance Report Number: CCEVS-VR-VID10927-2019A

Date of Activity: 19 September 2019

References: Common Criteria Evaluation and Validation Scheme Publication #6, Assurance Continuity: Guidance for Maintenance and Re-evaluation, version 3.0, 12 September 2016;

Impact Analysis Report for Samsung Electronics Co., Ltd. Samsung Galaxy XCover FieldPro (MDFPP31/WLANCEP10) version 1.0, 06 September 2019.

Documentation Updated: (List all documentation updated)

Security Target: Samsung Electronics Co., Ltd. Samsung Galaxy Devices on Android 8.0 and 8.1 (MDFPP31/WLANCEP10/VPNC21) Security Target, Version 0.6, 09/06/2019. Changes in the Security Target are:
- Updates to include the new device in the list of equivalent devices
- Guidance document references updated to new version information

Guidance Documentation: Changes in the maintained guidance documentation include updates to the following documents:
- Samsung Android 8 on Galaxy Devices Administrator Guide, version 4.3, July 22, 2019
- Samsung VPN Client on Galaxy Devices Administrator Guide, version 4.3, June 25, 2019
- Updates to the Application List hosted online at https://support.samsungknox.com/hc/en-us/articles/115015195728-Common-Criteria-Mode.

Assurance Continuity Maintenance Report:

Gossamer Security Solutions submitted an Impact Analysis Report (IAR) for Samsung to the CCEVS for approval in September 2019. The IAR is intended to satisfy requirements outlined in Common Criteria Evaluation and Validation Scheme Publication #6, Assurance Continuity: Guidance for Maintenance and Re-evaluation, version 3.0. In accordance with those requirements, the IAR describes the changes made to the certified TOE, the evidence updated as a result of the changes and the security impact of the changes.

Changes to TOE:

There are no changes to the evaluated TOEs. Rather, the Assurance Maintenance updated the list of products covered by the evaluation to include the Galaxy XCover FieldPro model, designed for public safety and similar requirements.

Equivalency Discussion

The addition of the new devices does not impact the functionality required by any of the PPs and EPs under which the original devices were evaluated. There are no changes to any of the SFRs that were claimed under the original evaluation. The device that was added under this Assurance Maintenance action differs from the evaluated Samsung Galaxy devices only in its form factor/screen size and input capabilities.

The Galaxy XCover FieldPro is built on the same hardware as the S9/Note9 series of devices with the Exynos 9810 SoC, but with physical changes to meet the target market. It is designed for use with gloved hands (physical buttons), a replaceable battery, and the ability to program a key to specific functions on the device. The XCover FieldPro also supports PTT (Push-to-Talk).

The table below lists the set of devices covered by this Assurance Maintenance and includes the new Galaxy XCover FieldPro device.

Device Name	Base Model Number	Android Version	Kernel Version
Galaxy Note9	SM-N960	8.1	4.9.65
	SM-N960	8.1	4.9.59
Galaxy Tab S4	SM-T837	8.1	4.4.78
Galaxy Tab S3	SM-T825	8.0	3.18.31
Galaxy S7 edge	SM-G935	8.0	3.18.14
	SM-G935	8.0	3.18.20
Galaxy XCover FieldPro	SM-G889	8.1	4.9.59

Table 1 Evaluated Devices

The Carrier Models table specifies the specific versions of the devices, which have the validated configuration. These additional letters/numbers denote carrier specific models (such as V = Verizon Wireless). Only models with the suffixes listed in the table can be placed into the validated configuration. This table differs from the evaluated version only in that it adds the Galaxy XCover FieldPro.

Device Name	Base Model Number	Carrier Models
Galaxy Note9 (Qualcomm)	SM-N960	U, SC-01L*, SCV40*
Galaxy Note9 (Samsung)	SM-N960	N, F
Galaxy Tab S4	SM-T830	None
	SM-T835	N, None
	SM-T837	A, R4, P, V, T
Galaxy Tab S3	SM-T820	None

Device Name	Base Model Number	Carrier Models
	SM-T825	N, Y, None
	SM-T827	V, A, R4
Galaxy S7 (Qualcomm)	SM-G930	T, P, R4, V, A, U
Galaxy S7 (Samsung)	SM-G930	F, S, K, L
Galaxy S7 edge (Qualcomm)	SM-G935	A, T, P, R4, V, U
Galaxy S7 edge (Samsung)	SM-G935	F, S, K, L
Galaxy S7 Active	SM-G891	A, None
Galaxy XCover FieldPro	SM-G889	A

Table 2 Carrier Models

Conclusion:

CCEVS reviewed the description of the proposed updates to the list of devices and the analysis of the impact upon security and found the changes to be minor. Therefore, CCEVS agrees that the original assurance is maintained for the addition of the above-cited product.