Release Notes - TC55 Android KK - BSP v2.65 GMS - HotFix CFE v4 Package

Introduction

HotFix CFE Package contains multiple SPR Hotfixes into a single package. The Package helps the end users to keep up to date with all the SPR Hotfixes for given product software release / revision.

HotFix CFE Package is validated only by engineering validation team and the package follows Zebra Technologies HotFix Package Policy. Click here to view HotFix Package Policy. [HotFix Support Policy](#)

Component Description and Version

Component / Description	Version
Product Build Number	02-65-00-KG-00-MV
Android Version	4.4.3
Linux Kernel	3.4.0
Android SDK Level	19
Bluetooth Stack	BT-1.0.0
Flash Size	5 GB

RAM Size	1 GB
MSP Agent/RD	7.08.85
Scanning Framework	6.0.0
Datawedge	3.3.16
DWDemo	2.0.7
Camera	Version: 2.0.002(151022-30)
OSX/MXMF	QC_OSX_4.4-4/4.4.3.0
WLAN	**FUSION_QA_1.02.0.0.038**
PTT	1.0.0
RxLogger	3.0.0.51
MLogManager	MLogManager v01.39 MLogService v01.35
File Browser	1.14
Bluetooth Pairing Utility	3.3
SimulScan	2.5
StageNow	2.1.1.1425
RIL	1.0.12
GPS	1.0.1
EMDK	3.1.38
ZVC	1.1.15
Data Analytics	**1.0.2.1859**
AppGallery	**3.0.0.3**

Fixes/Security Patches Included:

Fixes:

The Hotfix CFE Package **CFE-TC55-K-xx-2.65-G-00-04.zip** file includes the following HotFixes:

SPR28652	-	After reboot, there is a delay in receiving the scanned barcode data within an application.
SPR28857	-	BT/WiFi 2.4G interference causing poor WiFi throughput.
SPR28931	-	Avaya Client audio switching issue on TC55 KK 2.65
SPR29003	-	Cannot save voicemail number in phone setting app

SPR29009	-	Scanner Exception occurs when switching between SOFT and HARD trigger in Barcode Xamarin sample.
SPR29046	-	Delayed output when scanning larger QR codes (greater than 100 characters) when using Keystroke output option in Datawedge.
SPR29075	-	Battery charge cycle attribute displays -1 in the logs
SPR29435	-	ScanModeMgr CSP doesnt work in Turkish Locale
SPR29463	-	Included latest ZVC 1.1.15 to overcome issues where-in the volume control button presses sometimes gets missed.
SPR29831	-	Resolved issue wherein the StageNow/EMDK HostName change lost on reboot.
SPR29366	-	Resolved issue the MTP interface showing incorrect free space value while connected to Windows PC.
SPR29385	-	Issue fixed the Intermittent BT Communication failures between TC55 and iWL250 mobile payment terminal.
SPR29654	-	Resolved issue the Alignment for Moscow's timezone on TC55.
SPR29592	-	Resolved the issue of Persistmgr /enterprise/usr/persist/persistmgr directory is world-readable.
SPR29818	-	Fixed issue wherein Dex accessory does not work after BLE session
SPR30140	-	Fixed an issue wherein the application installation fails due to FAILED_UID_MISMATCH error requiring a data-wipe to overcome this issue.
SPR30769/SPR30839	-	Resolved an issue where the device reboots at random.
SPR30695	-	Fixed an issue wherein there was a delay in firing the scanner beam using hardware trigger post reboot
SPR30550	-	Fixed an issue wherein the encryption used to fail after performing a Factory Reset using MX APIs.
SPR31170	-	Fixed an issue wherein the Settings UI that hides the WiFi menu also locks the user out of setting the APN when we disable WiFi from StageNow
SPR30110	-	Fixed an issue wherein unable to create new user from device.
SPR30936	-	Fixed an issue wherein the Wireless connection was lost or slow ping response when bluetooth device disconnect with SSP connection.

SPR31002	-	Fixed an issue wherein theTerminal does not connect to WLAN network sometimes when it is taken out of coverage area and then brought in
SPR30945	-	Fixed an issue wherein the WLAN disconnects are causing the Wavelink velocity client to disconnect.
MC-144236	-	Resolved an issue wherein the device somtimes suddenly reboots during a VOIP call
SPR31686/SPR31997	-	Resolved an issue wherein the device was not getting the IP address.
SPR29437/SPR32068	-	Fixed an issue wherein the back button returns to home screen instead of customer application.
SPR31444	-	Added configurability so the user can either select to receive decoded barcode data in the Apps in char by char mode or receive the data at once when using the DW Keystroke mode, by default the decoded barcode data will be sent at once.
		>> If you want to receive char by char in App then need to follow below steps. 1) Create a file "inputmethodinfo.txt" and write Value=false in File and push inputmethodinfo.txt in /enterprise/usr/ in the device and reboot. **Note:** 1) By default and if Value = true is written in inputmethodinfo.txt, Data will be received at once in App. 2) if Value = false is written in inputmethodinfo.txt, Data will be received in char by char mode in App.
SPR30855	-	Fixed an issue wherein the voicemail number wasn't able to save.

Note: To enable fix for **SPR29818** user needs to create a file name as "dx30patch"(case sensitive) at "enterprise/usr" in the device and reboot.

Security Patches:

- Android Security Patch upto July 2016 (Including Quadroot Fix)

This HotFix CFE package **CFE-TC55-K-xx-2.65-G-00-04.zip** obsoletes the following HotFix CFEs:

HotFix CFE	Product
CFE-TC55-KK-V0-2.65GMS_EN_v010900.zip CFE-TC55-K-xx-2.65-G-00-02vB.zip CFE-TC55-K-xx-2.65-G-00-03.zip	TC55

Note: Latest CFE package includes previous and new SPR HotFix.

Package Details

CFE-TC55-K-xx-2.65-G-00-04.zip

Device Compatibility

This HotFix CFE package software release has been approved for use with the following Zebra devices.

Device	Operating System	BSP Version
TC55	Android KK Version 4.4.3	v2.65

Installation Requirements

This SW is intended for the TC55 KK device running on 02-65-00-KG-00-MV build only.

Installation Instructions

1. Connect the USB cable from your PC to the device and enable USB mass storage mode on the device.

2. On your PC you should see an internal and external USB mass storage drive (SD card) appears in the File Explore and copy "**CFE-TC55-K-xx-2.65-G-00-04.zip**" file to any storage.

3. Press and hold on the device the Power button, Scan/Action button and Vol+ until the screen is turned OFF.

4. Release the Power and Scan/Action buttons and continue to hold Vol+ button.

5. The device should enter to Recovery update mode.

6. Release Vol+.

7. Click on Vol+ or Vol- to navigate and select appropriated storage.

8. Click on on Scan/Action button to select the option.

9. Click on Vol+ or Vol- to navigate to the recovery update zip file.

10. Click on on Scan/Action button to select the recovery update zip file.

11. Device will automatically reboot and will be ready to use.

12. There are two ways to Check the Android Patch Level after install the CFE package in the device,

- Settings->About Device-> Zebra Patch Version: CFE-TC55-K-xx-2.65-G-00-04
- Run "getprop persist.sys.cfe.patchver" command in ADB Shell.

Release Date

June, 2017