Release Notes - MC40 Android KK FIPS - BSP v02.13.0701 - LifeGuard CFE v00.02 Release

Contents

Introduction

Component Description and Version

Package Details

Device Compatibility

Installation Requirements

Installation Instructions

Release Date

Introduction

This release contains following software package which is compatible for MC40 KK FIPS Product.

- **CFE-MC40N0-K-F0-070116_N_00_02.zip**

  Note: This LifeGuard CFE Package **CFE-MC40N0-K-F0-070116_N_00_02.zip** file is applicable only for FIPS SKU

This release package contains following fixes and patches.

- **Android Security Patch level:**
  - CVE-2015-1805
  - **February 2016 (Critical Patch level: Apr'17)**

    Use the link to refer the Android Security bulletin for more information: https://source.android.com/security/bulletin/

- **Fixes:**

  CFE Patch v2:

SPR31203	-	Resolved an issue wherein there was a degradation in the audio volume during VOIP calls

SPR30458	-	Resolved an issue wherein Toggling Wi-Fi ON/OFF repeatedly causes a Kernel Panic and reboot.
SPR31243	-	Incorrect drive strength value was being written to the sensor module registers, that will result in the IR LED being driven at a lower current, which has been corrected

CFE Patch v1:

SPR29349, SPR29390	-	Fixed an issue wherein the audio packets were missing at the very beginning of the call on REV B/REVB+ hardware
SPR29076	-	Provided a way to disable/enable "the network might be monitored by 3rd party" alert that gets displayed upon installing user certificates.
SPR29115	-	Fixed an issue wherein the devices used to incorrectly calculate no. of incorrect attempts to unlock the device resulting in factory reset of the device.
SPR29787	-	Fixed an issue wherein placing of wild card characters at the middle or end of the URL string was not allowed
SPR29232	-	Fixed an issue wherein devices used to get randomly struck in black screen upon performing animations
SPR29796	-	Fixed an issue wherein the framework incorrectly or vaguely reports the ‘TransactionTooLargeException’
SPR29951	-	Fixed an issue wherein intermittently the VPN connectivity was not stable
SPR29735	-	Fixed an issue wherein few devices used to get into continuous reboots upon upgrading to KK from JB
SPR30140	-	Fixed an issue wherein the application installation fails due to FAILED_UID_MISMATCH error requiring a data-wipe to overcome this issue
SPR30157	-	Fixed an issue wherein device experienced reboot due to null pointer dereference
SPR30259	-	Fixed an issue wherein device encounters random reboots while roaming in 802.1x infrastructure.
SPR29912	-	Fixed an issue where certain certificates failed to install through Stage Now
SPR29945	-	Fixed an issue wherein there was a delay in the output when scanning QR code which have 100 characters onwards when using Keystroke output option

SPR30417	-	Fixed the issue wherein the device was randomly getting stuck to splash screen while going through a reboot
SPR30025	-	Fixed an issue wherein the device experience audio disruption during VOIP call
SPR30400	-	Included configurability option to enable/disable network monitor warning pop-up messages. > To Disable Warning you need to place a file namely 'networkinfo.txt' populated with content Value=false into /enterprise/usr/ path and reboot the device for the change to apply. > To Enable Warning back (in case you had disabled it earlier) you need to place a file namely 'networkinfo.txt' populated with content Value=true into /enterprise/usr/ path and reboot the device for the change to apply.
SPR30402	-	Fixed an issue wherein MC40 does not notify the Access Point about power save while roaming
SPR30401	-	Created an application which reads the system properties that allow it to get CFE version and other information.
SPR30472	-	Fixed an issue wherein the device would show incorrect date & time after a critical suspend
SPR30435	-	Fixed an issue where roam fails to APs
MC-140261	-	Fixed an issue wherein the device would randomly get struck on splash screen on REVB+ hardware housed with Focal Tech Touch Panel
MC-143365	-	Fixed an issue wherein there was a binder crash due to the deadobject exception.
SPR30916	-	Resolved an issue where the device display would go blank on running customer camera application
SPR31036	-	Resolved an issue wherein MC40 was experiencing high degree of disruption to voice quality during VOIP calls.

Component Description and Version

Component / Description	Version
Product Build Number	02-13-12-4AJ22-K-F0-M1-070116
Android Version	4.4.4

Package Details

CFE-MC40N0-K-F0-070116_N_00_02.zip

Note: This CFE package includes previous and new SPR fixes.

Device Compatibility

This LifeGuard CFE Package software release has been approved for use with the following Zebra devices.

Device P/N FIPS SKU	Operating System
MC40N0-HCJ3R01F	KitKat 4.4.4
MC40N0-HLK3R01F	
MC40N0-HLK3R02F	

Installation Requirements

This SW is intended for the MC40 KK device running on **02-13-12-4AJ22-K-F0-M1-070116** FIPS build only.

Installation Instructions

1. Connect the USB cable from your PC to the device.
2. On your PC, you should see REMOVABLE DISK appearing in the File Explorer. copy the **CFE-MC40N0-K-F0-070116_N_00_02.zip** file on storage.
3. Put the MC40 into Recovery Mode using the following steps:
    - Hold the Power Key until “Reset” option appears, then release the power key.

- Tap the “Reset” option in the menu and then immediately hold the "Power key" and "Scan Key” until the Zebra boot screen is displayed.

4. Once on the Recovery Screen, scroll up/down using “Volume Keys” +/- to "Apply update from internal storage" and press the “Scan Key” to select.
5. Next, scroll up/down using “Volume Keys” +/- to the location where you copied the files and press the “Scan Key” to select the desired folder.
6. Highlight the zip file you wish to install, and press the "Scan key" to select.

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-MC40N0-K-F0-070116_N_00_02**
- ✓ Run “getprop persist.sys.cfe.patchver” command in ADB Shell.

Release Date

April, 2017