Release Notes - Zebra MC92 Android KK LifeGuard Update 11

Highlights

This release contains following software package which is compatible with the MC92 KK product.
LifeGuard patches are cumulative and include all previous fixes that are part of earlier patch releases.

Software Packages

Package Name	Package Description
CFE-MC92XX-K-00-031308-N-00-11.zip	CFE package update

Security Updates:

Android Security Patch Level: Mar 5, 2017 (Critical Patch Level: Dec 1, 2021)
Use below link to refer the Android Security bulletin for more information:
 https://source.android.com/security/bulletin/

CFE v11:
- **CFE-MC92XX-K-00-031308-N-00-11.zip**

1. CVE 2021-1048 Patched the use-after-free security vulnerability which could allow code execution and local elevation of privilege to the kernel from an untrusted application. (SPR 45273)

CFE v10:
- **CFE-MC92XX-K-00-031308-N-00-10.zip**

   This release contains following fixes and updates:

   1. SPR32676 - Resolved an issue wherein DataWedge crashes due to velocity application profile creation.

CFE v9:
- **CFE-MC92XX-K-00-031308-N-00-09.zip**

   Updated below mentioned components:
   - Fusion : FUSION_A_4.01.0.0.021

CFE v8:

- **CFE-MC92XX-K-00-031308-N-00-08.zip**

CFE v7:
- **CFE-MC92XX-K-00-031308-N-00-07.zip**

CFE v6:
- **CFE-MC92XX-K-00-031308-N-00-06.zip**

  This release contains following fixes and updates:
  1. SPR38477 - Resolved an issue wherein devices out of the box intermittently failed to get staged via StageNow.
  2. SPR37684 - Resolved an issue where scanned barcode data was being decoded incorrectly intermittently for CODE39 symbology.
  3. Updated following Components:
     ➢ MX 7.3.1.1

CFE v5:

- **CFE-MC92XX-K-00-031308-N-00-05.zip**

  This release contains following fixes and updates:

  1. Updated below mentioned components:
     ➢ Mx: 6.4.1.1
  1. SPR36366 - Resolved an issue where MC92 decode support is not proper for code128 barcode in DataWedge.
  2. SPR36869 - Resolved an issue where SPR36366 fix causes a noticeable lag before scanner is available after reboot.
  3. Scanner Firmware updated (SE4750 firmware - PAABVS00-005-R05
     Image kit (IMGKIT_8.02T01.15)

CFE v4:

- **CFE-MC92XX-K-00-031308-N-00-04.zip**

CFE v3:

- **CFE-MC92XX-K-00-031308-N-00-03.zip**
  This release contains following fixes and updates:

  1. SPR35782 - Resolved an issue where RSSI of the device was reported -2dbm less than the actual value

  2. SPR35830 - Resolved an issue where device fails to perform consistent FT roam with certain Infrastructure.

  3. Zebra-EULA (End User License Agreement) is included in Android Settings which allows the end user to view the status of Machine Data collection by Zebra Data Service Agent (ZDS).

4. Included Zebra Software License Manager (ZSL) v3.1.1

5. Updated below mentioned components:
    - Mx: 6.4.0.0
    - DW: 6.4.18
    - Fusion : FUSION_A_4.01_0.0.18

CFE v2:

- **CFE-MC92XX-K-00-031308-N-00-02.zip**

    This release contains following fixes and updates:
    1. Updated DataAnalytics version: 1.0.2.2091
    2. SPR33599 - Resolved an issue wherein few system apps were being disabled after Applock whitelist mode was enabled.
    3. SPR33512 - Resolved an issue wherein TCPDump rollback was not happening when Change in network connection was detected.
    4. SPR33948 - Fixed SSL Exception due to incomplete TLS extension information in client hello packet.
    5. SPR34291/34469/34236/34991 - Fixed the issue of double key entries erroneously occurring due to different keyboard sensitivities. (Note: To fix this issue, customer needs to push the attached file (MC92_DOUBLE_KEYPRESS_FIX) to /enterprise/usr folder and reboot the device.

CFE v1:

- CFE-MC92XX-K-00-031308-N-00-01.zip

    This release contains following fixes and updates:

    1. Spectre & Meltdown correction for variant 2

Version Information

Below Table contains important information on versions

Description	Version
Product Build Number	03-13-08-4AJ22-K-00-M1-100617
Android Version	4.4.4 (KitKat)
Security Patch level	Mar 5, 2017(Critical Patch Level: Dec 1, 2021)

Linux_kernel	3.4.48
Component Versions	Please see Component Version under Addendum section

Important Links

- **Requirements & Instruction:**

    - Installation and setup instruction

- Zebra Techdocs

- Developer Tools

Device Support

This software release has been approved for Android MC92 KK models mentioned below.

Device	Operating System
MC92N0-GA0SYxAA6WR	Android 4.4.4
MC92N0-G30SYxAA6WR	Android 4.4.4
MC92N0-GM0SYxAA6WR	Android 4.4.4
MC92N0-GL0SYxAA6WR	Android 4.4.4
MC92N0-GJ0SYxAA6WR	Android 4.4.4
MC92N0-GP0SYxAA6WR	Android 4.4.4

Addendum

Component Version

Component / Description	Version
Product Build Number	03-13-08-4AJ22-K-00-M1-100617
Android SDK Level	19
Patch Version	11
App Gallery	3.0.1.7
B2M Elemez	1.0.0.352
Battery Manager App	1.3.7
Bluetooth Stack	4

BT Pairing Utility	3.3
Data Analytics	3.7.1.1002
DataWedge	6.5.61
Device Diagnostics	1.15.0.4
DWDemo	2.0.11
EA	2.57
EMDK	6.6.14.914
MX /OSX	7.3.1.1/ TI_OSX_4.5-3
PTT	3.1.32
RXlogger	3.0.0.53
Scanner Framework	6.36.0(7.0.1T08.31Kepler_47)
SE4750 firmware	PAABVC04-001-R02D0
SOTI	12.2.0 Build 23434
SPAM	4.1
StageNow	2.7.2.1039
Terminal Emulation	2.0.18.4977
Velocity	1.2.109.17236.1d65d9c
VM Rapid Deployment Client	07.08.86
Fusion	FUSION_A_4.01.0.0.021
Zebra Volume Control	1.1.15
Zebra License Server (ZSL)	3.1.1

Revision History

Rev	Description	Date
1.0	Initial Release	Dec 27, 2021