
Release Notes - Zebra MC40 Android L – LifeGuard Update 04 Release for Voice/Non-Voice

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Description

This release contains following software package which is compatible with the MC40 L product.

LifeGuard patches are cumulative and include all previous fixes that are part of earlier patch releases.

Downgrade to LifeGuard Update 01 is not allowed.

1. CFE v4 Updates:

- ❖ CFE-MC40N0-L-V0-030703-N-00-04.zip (Voice/Non-Voice)

This CFE is applicable for 03-07-03-L-V0-M1 OS version.

1. Android Security Patch Level: 2018-03-05.

Use the below link to see the Android Security bulletin for more information:

<https://source.android.com/security/bulletin/>

The CFE Package 'CFE-MC40N0-L-V0-030703-N-00-04.zip' includes the following fixes:

- Spectre & Meltdown correction for variant 2.
- Updated below mentioned TUT components:
 - DataWedge – Version 6.7.34
 - EMDK – Version 6.8.20.1120
 - MXMF – Version 7.2.0.6
 - Staging Client – Version 2.10.1.1386
 - File Browser – Version 1.19.1.2
- SPR33538 - Resolved an issue wherein scanner beam stuck off when pressing scanner button.
- SPR33639 – Resolved an issue wherein the device stops emitting scan beam after waking up from suspend.

2. CFE v3 Updates:

- ❖ CFE-MC40N0-L-V0-030703-N-00-03.zip (Voice/Non-Voice)

This CFE is applicable for 03-07-03-L-V0-M1 OS version.

1. Android Security Patch Level: 2017-12-05.

Use the below link to see the Android Security bulletin for more information:

<https://source.android.com/security/bulletin/>

The CFE Package 'CFE-MC40N0-L-V0-030703-N-00-03.zip' includes the following fixes:

- Updated below mentioned TUT components:
 - DataWedge - Version 6.6.50
 - EMDK - Version 6.7.10.1010
 - MXMF - Version 7.1.2.1
 - Staging Client - Version 2.9.1.1362
- SPR33233 - Resolved an issue wherein the DataWedge 6.2.24 could not replace separator or non-printable ascii character with \$.
- SPR32463 - Resolved an issue wherein the StageNow File Manager downloads frequently fails due to Sockettimeout exception.
- SPR32676 - Resolved an issue wherein DataWedge crashes due to velocity application profile creation.
- SPR32484 - Resolved an issue wherein customer was facing touch issues with keypad/numpad after updating from Kitkat to Lollipop.
- SPR33138 - Resolved an issue wherein audio tool was not working on MC40 L due to permission issue.
- SPR33168/33392 – Resolved an issue wherein there was no option to disable Home Screen Button and Recent Items Button.

3. CFE v2 Updates:

- ❖ CFE-MC40N0-L-V0-030703-N-00-02.zip (Voice/Non-Voice)

This CFE is applicable for 03-07-03-L-V0-M1 OS version.

1. Android Security Patch Level: 2017-07-05.

Use the below link to see the Android Security bulletin for more information:

<https://source.android.com/security/bulletin/>

The CFE Package 'CFE-MC40N0-L-V0-030703-N-00-02.zip' includes the following fixes:

- Corrections for KRACK vulnerabilities applied.
- SPR33372 – Resolved an issue wherein Wi-Fi disconnects while roaming.

4. CFE v1 Updates:

- ❖ CFE-MC40N0-L-V0-030703-N-00-01.zip (Voice/Non-Voice)

This CFE is applicable for 03-07-03-L-V0-M1 OS version.

1. Android Security Patch Level: 2017-07-05.

Use the below link to see the Android Security bulletin for more information:

<https://source.android.com/security/bulletin/>

The CFE Package 'CFE-MC40N0-L-V0-030703-N-00-01.zip' includes the following fixes:

- Resolved an issue in MX to prevent leakage of configuration parameters.
- Included fix for BlueBorne vulnerability.

Device Compatibility

This software release has been approved for Android MC40 Lollipop Voice/Non-Voice model mentioned below.

Voice SKU	Non-Voice SKU
MC40N0-SCG3RM1	MC40N0-SCG3RM0
MC40N0-SCG3R01	MC40N0-SCG3R00
MC40N0-SCJ3RM1	MC40N0-SCJ3RM0
MC40N0-SCJ3R01	MC40N0-SCJ3R00
MC40N0-HCJ3R01	MC40N0-HCJ3R00
MC40N0-SLK3R01	MC40N0-HCG3R00
MC40N0-SLK3RM1	
MC40N0-HLK3R01	
MC40N0-SCJ3RM102	

Component Contents

Component / Description	Version
Product Build Number	03-07-03-L-V0-M1
Device Patch Version	4
Android Version	5.1.1
Wi-Fi	FUSION_A_5.00.0.0.026

Installation Requirements

- ADB installed on the PC (including adb drivers)
- USB debugging turned ON (from Developer options)
- MC40 should have baseline:
 - 03-07-03-L-V0-M1

Installation Instructions

BEFORE UPDATING THE OS IMAGE, EXTERNAL POWER MUST BE APPLIED TO THE TERMINAL VIA USB CHARGING CABLE.

PLEASE ENSURE BATTERY LEVEL IS > 30%

CFE package software update procedure for MC40:

1. Process through Device Storage:

1. Connect the USB cable from your PC to the device.
2. Make sure MTP mode is selected in the device USB settings and MTP drivers are installed in your PC.
3. The internal SD card of MC40 will be seen in your PC as mounted drive MC40N0.
4. Copy the recovery update zip file "CFE-MC40N0-L-V0-030703-N-00-04.zip" to the root folder on internal SD card.

5. Press and hold the Power button on the device until the Device options menu appears.
6. Tap on Reboot to reboot the device.
7. When the device is rebooting hold the left Scan/Action button to enter Recovery update mode.
8. When the Recovery Mode screen appears then release the left Scan/Action button.
9. Click on Vol+ or Vol- to navigate to the "apply update from sdcard" option.
10. Click on PTT key to select the option.
11. Click on Vol+ or Vol- to navigate to the recovery update zip file.
12. Click on PTT key to select the recovery update zip file "CFE-MC40N0-L-V0-030703-N-00-04.zip".
13. Once you get highlighted "reboot system now", Click on PTT key to reboot the device.

2. Process through adb sideload:

1. Connect the USB cable from your PC to the device.
2. Go to PC's Command Prompt, type "adb devices" you should get you connected device in the list with key.
3. Enter "adb reboot recovery" from Command Prompt
4. Click on Vol+ or Vol- to navigate to the "apply update from ADB" option.
5. Click on PTT key to select the option.
6. On device, once you get the message, "Now send the package...", enter adb sideload add space at the end, then drag and drop the zip file "CFE-MC40N0-L-V0-030703-N-00-04.zip", from PC's Command Prompt.
7. Once you get highlighted "reboot system now", Click on PTT key to reboot the device.

After installation completed, goto Settings to check CFE package installed correctly:

- a. Settings-> About Device-> SW components-> Device Patch Version: 4
- b. ADB Shell method: Execute following command from PC's command prompt:

```
$ adb shell getprop ro.device.patch.version
```

```
$ 4
```

Download-able Software Included in this Release

Filename	Description
CFE-MC40N0-L-V0-030703-N-00-04.zip	CFE package update software for MC40 L Voice/Non-Voice build

Last Revised: <03-01-2018>