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# Release Notes - MC40 Android KK - BSP v01.12.0720 - HotFix CFE v03.10.00 Package

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## Introduction

HotFix CFE (Cumulative Fixes from Engineering) Package contains multiple SPR Hotfixes into a single package. The HotFix CFE 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 Technologie's HotFix Package Policy. Click here to view HotFix Package Policy. [HotFix Support Policy](#)

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## Component Description and Version

Component / Description	Version
Product Build Number	01-12-03-4AJ22-K-V0-M1-072015
Android Version	4.4.4
Linux Kernel	3.4.48
Android SDK Level	19
Bluetooth Stack	4
Flash Size	8 GB
RAM Size	1 GB
MSP Agent/RD	7.08.85
Scanning Framework	5.25.0
Datawedge	3.1.40

<b>DWDemo</b>	2.0.6
<b>Camera</b>	5.25.0
<b>OSX/MXMF</b>	TI_OSX_4.4-3 , 4.4.3.6
<b>Wi-Fi</b>	FUSION_A_4.00.0.0.033
<b>PTT</b>	3.1.19
<b>RxLogger</b>	3.0.0.51
<b>MLogManager</b>	MLogManager v06.52
<b>Touch FW</b>	0.14(RevB), 19 (RevC TPK),38(RevB+)
<b>EA</b>	2.54
<b>SPAM</b>	0.6 (NA for RevC HW, only for RevA/B HW)
<b>StageNow</b>	2.1.1.1306
<b>B2M Elemez</b>	1.0.0.238
<b>Data Analytics</b>	1.0.1.2107
<b>App Gallery</b>	2.1.0.1
<b>SOTI</b>	12.2.0 Build 23434
<b>EMDK</b>	3.1.38
<b>ZVC</b>	1.1.12

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## Fixes/Patches Included:

### Fixes Included:

The CFE Package **CFE-MC40-KK-V0-072015\_EN\_v031000.zip** file includes the following HotFixes:

- SPR28924 - Resolves the issue in MC40 KK Rev B+ Hardware wherein the touch interrupts are not disabled when the device is suspended.
- SPR28470 - Resolves the issue wherein the bypass proxy field is not taken into account and all the URLs are routed through proxy server.
- SPR28416 - Resolves the issue wherein volume levels are not reported properly upon pressing the volume keys quickly/continuously.
- SPR28355 - Resolves the issue of slow rendering on Webview when running Oracle software.

- SPR28252 - Resolves the issue in use-after-free vulnerability in the Linux kernel's handling of ping sockets that can lead to arbitrary code execution in the kernel.
- SPR28147 - Resolves the Android vulnerability to text hack with the released libstagefright Android security patches.
- SPR29349 - Resolves an issue due to the microphone in Rev B hardware wherein it takes 500ms to ramp up the microphone by tuning the initialization of the microphone.
- SPR29390 -
- SPR29076 - Resolves an issue where in the device displays a warning "the network might be monitored by 3rd party" on all Android KK devices post 3rd party certs installation.
- SPR29115 - Resolves an issue where in the warning message for maximum number of attempts allowed to enter a wrong password is not displayed resulting in device getting a factory reset when maximum attempts are exhausted

**Note: SPR29076\_072015\_v1\_Patch\_Enabler.zip** - This patch needs to be installed to disable the Network Monitor Warning alerts on top of “**CFE-MC40-KK-V0-072015\_EN\_v031000.zip**” package.

**Patches included:**

- Security Patch upto September 2015 Built-in
- Security Patch CVE-2015-1805

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This HotFix CFE package CFE-MC40-KK-V0-072015\_EN\_v031000.zip obsoletes the following HotFix CFEs/SPRs:

HotFix CFE/SPR version	Product
CFE-MC40-KK-V0-072015_EN_v020600.zip	MC40

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

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## Package Details

CFE-MC40-KK-V0-072015\_EN\_v031000.zip

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## Device Compatibility

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

Device	Operating System	BSP Version
MC40	Android KK Version 4.4.4	v01.12.072015

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## Installation Requirements

This SW is intended for the MC40 KK device running on 01-12-03-4AJ22-K-V0-M1-072015 build only.

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## Installation Instructions

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-MC40-KK-V0-072015\_EN\_v031000.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 Reset 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 home screen (Android logo) appears then release the left Scan/Action button.
9. Touch Home button to enter Recovery menu screen.
10. Click on Vol+ or Vol- to navigate to the "apply update from sdcard" option.

11. Click on PTT key to select the option.
12. Click on Vol+ or Vol- to navigate to the recovery update zip file.
13. Click on PTT key to select the recovery update zip file “CFE-MC40-KK-V0-072015\_EN\_v031000.zip”.
14. Click on Vol+ or Vol- to navigate “reboot system now” and Click on PTT key to reboot the device.
15. There are two ways to Check the Android Patch Level after install the CFE package in the device
  - Settings->About Device-> Zebra Patch Version
  - Run “getprop persist.sys.cfe.patchver” command in ADB Shell.

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## Release Date

June, 2016

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