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# Release Notes – Zebra WT6000 Android L – LifeGuard Update 04 Release

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## Description

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This release contains following software package which is compatible with the WT6000 L product. LifeGuard patches are cumulative and include all previous fixes that are part of earlier patch releases.

### CFE v4:

- ❖ CFE-WT6000-L-XX-041003-N-00-04.zip

This CFE is applicable for 04-10-03-L-00-MV-061617 OS version.

This release contains following fixes.

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

Use the link to refer the Android Security bulletin for more information:

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

### 2. Fixes:

#### CFE v4:

- Spectre & Meltdown correction for variant 2.
- Updated below mentioned TUT components:
  - MXMF – Version 7.2.0.6
  - DataWedge – Version 6.7.34
  - EMDK – Version 6.8.20.1120
  - 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.
- SPR33296/SPR33297 – Resolved CCKM (wpa2/AES) issue without Aironet extensions enabled configuration.
- SPR34006 – Build Number updated as per base build.

- SPR33032 - Resolved an issue wherein the Bluetooth headset (Modcom1/HS3000) receives the garbled audio when RS6000/RS507 was disconnected

**CFE v3:**

- SPR33065 - Resolved an issue wherein exhibiting slow WIFI reconnects after disconnects.
- SPR32627 - Resolved an issue wherein scanner restart observed in RS4000 and RS5000.
- SPR33373 – Support added for Enterprise Lockdown feature
- SPR30401 – Added support to get the CFE version for MDM clients.

**CFE v2:**

- Corrections for KRACK vulnerabilities applied.

**CFE v1:**

- Updated below mentioned components:
  - MXMS - Version 6.3.1.101
  - DataWedge - Version 6.4.18
  - EMDK - Version 6.5.12.812
  - Staging Client - Version 2.7.2.1039
- Resolved an issue in MX to prevent leakage of configuration parameters.
- Included fix for BlueBorne vulnerability.
- SPR32326 - Resolved an issue wherein Setting application crash was observed while trying to set enterprise keyboard as the default keyboard and disable AOSP keyboard through the StageNow profile.
- SPR32618 - Resolved an issue wherein device reboot remap CTL-W on the keyboard no longer works due to wrong XML read back.
- SPR32527 - Resolved an issue where list of HID connections was only being cleared when BT radio turned off.
- SPR32733 - Added support for BLE Advertising.

## Device Compatibility

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This software release has been approved for Android WT6000 Lollipop Voice model mentioned below.

Device
WT60A0-TSOLEUS
WT60A0-TSOLEWR

## Component Contents

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Component / Description	Version
Product Build Number	04-10-03-L-00-MV-061617
Zebra Patch Version	4
Android Version	5.1.1
Wifi	FUSION_BA_1_02.1.0.008_L
Scanner Framework Version	18.09.08.00

## Installation Requirements

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- ADB installed on the PC (including adb drivers)
- USB debugging turned ON (from Developer options)

- WT6000 should have baseline:
  - 04-10-03-L-00-MV-061617

## Installation Instructions

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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 WT6000:

#### Process through Device Storage:

1. Download the Full Package Update file (WT6K0L300PUWW41003.zip), Enterprise Reset Package file (WT6K0L3E0REWW41003.zip), Factory Reset file (WT6K0L3F0RFWW41003.zip) and recovery update (CFE-WT6000-L-XX-041003-N-00-04.zip) from Zebra Support Site to a host computer.
2. Attach the USB Charge Cable to the WT6000 and to the host computer.

or

Place the WT6000 in a powered cradle. Connect a USB cable from the cradle to the host computer.

3. Copy the zip file from the host computer to the root of WT6000 internal storage.
4. Press and hold the Power key until the menu appears.
5. Select Reboot.
6. Select OK and then immediately press and hold the P1 key until the Recovery Mode screen Appears.
7. In the Recovery Mode screen, press P2 key to scroll down to "Apply update from emulated storage."
8. Press P3 key.
9. After installation completes, the Recovery Mode screen appears.
10. If resetting the device to Factory Reset, Enterprise Reset or recovery update, select the applicable zip file and repeat the step above.
11. Ensure that Reboot system now is selected.
12. Press P3 key to reboot the device. The Zebra Android screen appears and the device vibrates. The WT6000 splash screen then appears with five white dots moving. After a little over 4 minutes the Home Screen appears.

#### 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-WT6000-L-XX-041003-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, there are 2 methods to check CFE package installed correctly:

- a. Settings->About Device-> Zebra 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

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Filename	Description
CFE-WT6000-L-XX-041003-N-00-04.zip	CFE package update software for WT6000 L build

Last Revised: <05-03-2018>