



Release Notes – Zebra Android 10

10-16-10.00-QG-U44-STD-HEL-04 Release (GMS)

Highlights

This Android 10 GMS release 10-16-10.00-QG-U44-STD-HEL-04 covers TC72, TC77, TC52, TC57, TC21, TC26, TC52x, TC57x, MC3300x, MC3300xR, L10A, PS20, TC8300, MC93, VC83, EC30, EC50, EC55, CC600, CC6000, WT6300, MC2200, MC2700 family of products. Please see, Device Compatibility under Device Support Section for more details.

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

Software Packages

Package Name	Description
HE_DELTA_UPDATE_10-16-10.00-QG-U44-STD-HEL-04.zip	LG Package Update

Security Updates

This build is Compliant up to [Android Security Bulletin](#) of February 01, 2021.

LifeGuard Update 44

- This LG patch is applicable for 10-16-10.00-QG-U00-STD-HEL-04 BSP version.
 - This LG Patch includes following updated components.
 - Audio: 0.31.0.0
 - Bluetooth Pairing Utility: 3.20
 - DataWedge: 8.2.211
 - EMDK: 9.0.3.3003
 - License Manager and License Agent: 5.0.0 and version 5.0.0. 5.0.0
 - MXMF: 10.3.0.18
 - OSX: QCT.100.10.5.58
 - Scanning Framework: 28.9.8.0
 - StageNow: 5.1.0.1
 - **New Features**
 - Added support for Keyboard Audible Feedback feature on MC3300x, MC3300xR, MC9300, MC2200, MC2700 and VC8300 and ability to control volume of Keyboard Audible Feedback by MDM.

- Added support to enable/disable DHCPv6 feature using DHCPOptionMgr CSP. Stateful DHCPv6 helps Admins track and block network abuses. With stateful DHCPv6 a client is likely to keep a stable IP as long as it stays on the same network.
- Added support to see SAM Bridge FW Version in SW Component.
- Added support to enable Low level NFC NCI Logging to get detailed logs for NFC scenarios for debugging purpose, logs are included as part of RxLogger logs.
- Added support in OemInfo to allow customer applications and sideloaded applications to read BT MAC address.
- Provided additional option for the user to change the touch panel mode configuration from Power Menu without going into settings menu once it is enabled using the CSP file.
- Added support for Multibarcode - Automatic group identification.
- Added support for Multibarcode - Read only specific barcodes.
- Added support to remove Bluetooth pairing list.
- Added support to pair BT Scanner at Google Setup Wizard (Welcome screen) to efficiently stage the device for devices without inbuilt scanner.

○ Resolved Issues

- SPR-40819 : Resolved an issue wherein 7-bit ASCII encoded data matrix code was not getting decoded.
- SPR-41039 : Updated the APN details for Bulgarian operator A1.
- SPR-40216 : Resolved an issue wherein flash LED temperature was very high when torch was turned ON for a longer duration.
- SPR-38667 : Resolved an issue wherein user was unable to remotely browse files over VPN.
- SPR-40400 : Resolved an issue wherein device was losing WWAN connectivity at higher temperatures.
- SPR-41255 : Resolved an issue wherein devices were getting stuck in recovery screen during MDM enrollment.
- SPR-41056 : Resolved an issue wherein SIM not detected toast message used to appear even with a valid SIM.
- SPR-39513 : Resolved an issue wherein intermittently display would not turn on upon wakeup from suspend.
- SPR-39544 : Resolved an issue where eMMC health was not being retrieved correctly on certain flash part.
- SPR-41094 : Resolved an issue wherein during a call, user gets echo while the other user was on speaker mode.
- SPR-41144 : Resolved an issue wherein the EMM Enrollment was not working over ethernet connection.
- SPR-41622 : Resolved an issue wherein additional touch events were occurring for a single touch press.
- SPR-38739 : Resolved an issue wherein streaming of certain MP3 files used to fail.

- SPR-41400 : Resolved an issue wherein key remapping was not working for CTRL and other advanced key modifiers using OemConfig.
- SPR-41578 : Added support for enabling/disabling “key press sounds” via StageNow.
- SPR-41397 : Resolved an issue wherein intermittently WLAN failed to turn On.
- SPR-39082 : Resolved an issue wherein Intermittent loss of Ethernet connection is observed.
- SPR-41260 : Resolved an issue wherein third-party VPN Apps were unable to access certificates (installed via StageNow/MX) on the device resulting in not able to connect to the server.
- SPR-41915 : Enabled Serial Port Comm API support.
- Fixed an issue wherein device crash was seen when STC SIM was inserted.

- **Usage Notes**

- None

LifeGuard Update 28

- This LG patch is applicable for 10-16-10.00-QG-U00-STD-HEL-04 BSP version.

- **New Features**

- None

- **Resolved Issues**

- None

- **Usage Notes**

- None

LifeGuard Update 26

- This LG patch is applicable for 10-16-10.00-QG-U00-STD-HEL-04 BSP version.

- **New Features**

- None

- **Resolved Issues**

- None

- **Usage Notes**

- None

LifeGuard Update 16

➤ This LG patch is applicable for 10-16-10.00-QG-U00-STD-HEL-04 BSP version.

- **New Features**

- None

- **Resolved Issues**

- None

- **Usage Notes**

- None

Version Information

Below Table contains important information on versions

Description	Version
Product Build Number	10-16-10.00-QG-U44-STD-HEL-04
Android Version	10
Security Patch level	February 1, 2021
Component Versions	Please see Component Versions under Addendum section

Known Constraints

- Picture quality of the image taken with 'Night Mode' in low-light conditions is poor.
- Trigger Modes: Presentation Read Mode is preferred over Continuous Read Mode. If using Continuous Read mode, use a lower illumination brightness setting (e.g., 2) to ensure the scanner can work without interruption.
- "Red Eye Reduction" feature disables the camera flash in the device. Hence, to enable the camera flash please disable the 'Red Eye Reduction' feature.
- EMM does not support agent persistence in OS dessert downgrade scenario.
- Reset packages of Oreo and Pie should not be used on devices running with A10 software.
- In-order to avoid any inconsistencies in Settings UI it is recommended to wait for a few seconds after the device boots up.
- Transparent blue overlay in camera view –numeric, character or ENTER key presses in camera view will make this blue overlay appear. The camera is still functional; however, the view is covered with the blue overlay. To clear this, press the TAB key to move the control to a different menu item or close the camera app.
- In case of an OS upgrade from a s/w version having higher security patch level to a s/w version having lower security patch level, user data will be reset.

- TC5x flash LED temperature is too high when torch is on for long time.
- Unable to scan remote company network using ES file explorer over VPN.
- In case USB flash drives are not getting detected on VC8300 after reboot on USB-A port, re-insert the USB flash drive after the device is fully powered up & on home screen.
- On WT6300 with RS4000 & RS5000 usage, the DataWedge option “Keep enabled on suspend” (in Profiles > Configure scanner settings) shall NOT be set, user can set “Trigger Wakeup and Scan”(in Profiles > Configure scanner settings > Reader params) for single trigger wake and scan functionality.
- When phone app is being disabled using MDM and user tries to reboot the device, user might see **Recovery Screen** with “Try again” and “Factory data reset” options. Select option “Try again” to continue the reboot process. Do not select option “Factory data reset”, as it will erase the user data.
- AppManager actions only apply to the applications on the device at the time “DisableGMSApps” is called. New GMS applications present in any new OS update will not be disabled following that update
- After upgrading from Oreo to A10, Device shows "SD card setup" notification, which is expected behavior from AOSP.
- After upgrading from Oreo to A10, staging fails on few packages, user must update package names accordingly and make use of the profiles or create new staging profiles.
- At the very first time, DHCPv6 enable through CSP is not reflecting until user disconnect/reconnect to the WLAN profile.

Important Links

- [Installation and setup instructions](#) (if the link does not work please copy it to browser and try)

Note:

“As part of IT security best practices, Google Android enforces that the Security Patch Level (SPL) for the new OS or patch must be the same level or a newer level than the OS or patch version currently on the device. If the SPL for the new OS or patch is older than the SPL currently on the device, then the device will enterprise reset and wipe all user data and settings including user network configurations and remote management tools which would render the device inaccessible over a network.”

- [Zebra Techdocs](#)
- [Developer Portal](#)
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Device Support

Device Compatibility

This software release has been approved for use on the following devices.

Device Family	Part Number		Device Specific Manuals and Guides
TC21	TC210K-01A222-A6 TC210K-01A242-A6 TC210K-01D221-A6 TC210K-01D241-A6 TC210K-01B212-A6	TC210K-01A242-NA TC210K-01A442-NA TC210K-01B212-NA TC210K-01B232-NA TC210K-01A423-NA	TC21 Home Page

	TC210K-01B232-A6 TC210K-01A422-A6 TC210K-01A442-A6 TC210K-0HD224-A6 TC210K-0HB224-A6 TC210K-0HB222-A6 TC210K-01A423-A6 TC210K-0KB224-A6 TC210K-01B422-NA TC210K-01A222-NA TC210K-01D221-NA TC210K-01D241-NA TC210K-01B212-TR TC210K-01B212-RU TC210K-0JD224-NA TC210K-0JB224-NA TC210K-01D221-TR TC210K-01D241-TR	TC210K-0HD224-NA TC210K-0HB224-NA TC210K-0HB222-NA TC210K-0KD224-NA TC210K-0HD224-FT TC210K-01A222-IA TC210K-01A242-IA TC210K-01A442-IA TC210K-01B212-IA TC210K-01B232-IA TC210K-0HB224-IA TC210K-01B212-XP TC210K-01B232-TR TC210K-01A422-IA TC210K-01A222-RU TC210K-01B232-RU TC210K-0JB224-A6	
TC26	TC26AK-11A222-NA TC26AK-11A242-NA TC26AK-11A422-NA TC26AK-11A423-NA TC26AK-11B212-NA TC26AK-11B232-NA TC26AK-11D221-NA TC26AK-11D241-NA TC26AK-1HB222-NA TC26AK-1HB224-NA TC26AK-1HD224-FT TC26AK-1HD224-NA TC26AK-1JD224-NA TC26AK-21A222-NA TC26BK-11A222-A6 TC26BK-11A222-BR TC26BK-11A222-IA TC26BK-11A242-A6 TC26BK-11A242-BR TC26BK-11A242-IA TC26BK-11A422-A6 TC26BK-11A422-BR TC26BK-11A423-A6 TC26BK-11A423-BR TC26BK-11A442-A6 TC26BK-11A442-BR TC26BK-11A222-ID TC26BK-11A222-RU TC26BK-11B232-RU TC26DK-1HB224-TR TC26AK-1JB224-NA	TC26BK-11A442-IA TC26BK-11B212-A6 TC26BK-11B212-BR TC26BK-11B212-IA TC26BK-11B212-ID TC26BK-11B212-RU TC26BK-11B212-XP TC26BK-11B232-A6 TC26BK-11B232-BR TC26BK-11B232-IA TC26BK-11B412-A6 TC26BK-11D221-A6 TC26BK-11D221-BR TC26BK-11D241-A6 TC26BK-11D241-BR TC26BK-1HB224-A6 TC26BK-1HB224-BR TC26BK-1HB224-IA TC26BK-1HD224-A6 TC26BK-1JB224-A6 TC26BK-21A222-A6 TC26BK-21A222-IA TC26BK-21D221-A6 TC26DK-11B212-TR TC26DK-11B232-TR TC26BK-11D421-A6 TC26BK-11B212-TR TC26BK-11B232-TR TC26DK-11D221-TR TC26DK-11D241-TR	TC26 Home Page
PS20	PS20J-P4G1A600 PS20J-P4G1A600-10 PS20J-B2G1A600	PS20J-P4G2CN00 PS20J-P4G1NA00 PS20J-P4G1NA00-10	PS20 Home Page

	PS20J-B2G1A600-10 PS20J-P4H1A600 PS20J-P4H1A600-10 PS20J-B2G2CN00 PS20J-P4H2CN00	PS20J-B2G1NA00 PS20J-B2G1NA00-10 PS20J-P4H1NA00 PS20J-P4H1NA00-10 PS20J-P4G1RU00	
MC3300x	MC330L-RL2EG4NA MC330L-RL3EG4NA MC330L-RL4EG4NA MC330L-RL2EG4RW MC330L-RL3EG4RW MC330L-RL4EG4RW MC330L-RC2EG4NA MC330L-RC3EG4NA MC330L-RC4EG4NA MC330L-RC2EG4RW MC330L-RC3EG4RW MC330L-RC4EG4RW MC330L-SL2EG4NA MC330L-SL3EG4NA MC330L-SL4EG4NA MC330L-SL2EG4RW MC330L-SL3EG4RW MC330L-SL4EG4RW MC330L-SC2EG4NA MC330L-SC3EG4NA MC330L-SC4EG4NA MC330L-SK2EG4NA MC330L-SK3EG4NA MC330L-SK4EG4NA MC330L-SK2EG4RW MC330L-SK3EG4RW MC330L-SK4EG4RW MC330L-SM2EG4NA MC330L-SM3EG4NA MC330L-SM4EG4NA MC330L-SM2EG4RW MC330L-SM3EG4RW MC330L-SM4EG4RW MC330L-SE2EG4NA MC330L-SE3EG4NA MC330L-SE4EG4NA MC330L-SE2EG4RW MC330L-SE3EG4RW MC330L-SE4EG4RW MC330L-SG2EG4NA MC330L-SG3EG4NA MC330L-GE2EG4NA MC330L-GE4EG4RW MC330L-GE3EG4IN MC330L-GE4EG4IN MC330L-SG3EG4IN MC330L-SA3EG4TR MC330L-SG3EG4TR	MC330L-GE3EG4NA MC330L-GE4EG4NA MC330L-GE2EG4RW MC330L-GE3EG4RW MC330L-SC2EG4RW MC330L-SC3EG4RW MC330L-SC4EG4RW MC330L-SJ2EG4NA MC330L-SJ3EG4NA MC330L-SJ4EG4NA MC330L-SJ2EG4RW MC330L-SJ3EG4RW MC330L-SJ4EG4RW MC330L-SA2EG4NA MC330L-SA3EG4NA MC330L-SA4EG4NA MC330L-SA2EG4RW MC330L-SA3EG4RW MC330L-SA4EG4RW MC330L-SA4EG4IN MC330L-SG4EG4NA MC330L-SG2EG4RW MC330L-SG3EG4RW MC330L-SG4EG4RW MC330L-GL2EG4NA MC330L-GL3EG4NA MC330L-GL4EG4NA MC330L-GL2EG4RW MC330L-GL3EG4RW MC330L-GL4EG4RW MC330L-GL3EG4IN MC330L-GL4EG4IN MC330L-GJ2EG4NA MC330L-GJ3EG4NA MC330L-GJ4EG4NA MC330L-GJ2EG4RW MC330L-GJ3EG4RW MC330L-GJ4EG4RW MC330L-SJ3EG4IN MC330L-SJ4EG4IN MC330L-GJ3EG4IN MC330L-GJ4EG4IN MC330L-GJ3EG4RW01 MC330L-GJ3EG4NA01 MC330L-GJ3EG4IN01 MC330L-SA3EG4IN MC330L-SA4EG4TR MC330L-SG4EG4TR	MC3300x Home Page

	MC330L-SJ2EG4RU MC330L-SA2EG4RU MC330L-SG3EG4RU MC330L-SE3EG4RU MC330L-GJ2EG4RU MC330L-GE3EG4RU MC330L-GE2EG4RU	MC330L-SJ3EG4RU MC330L-SA3EG4RU MC330L-SK3EG4RU MC330L-GJ3EG4RU MC330L-GJ4EG4RU MC330L-GE4EG4RU	
MC3300xR	MC333U-GJ2EG4EU MC333U-GJ2EG4IL MC333U-GJ2EG4US MC333U-GJ3EG4EU MC333U-GJ3EG4US MC333U-GJ4EG4EU MC333U-GJ4EG4IN MC333U-GJ4EG4JP MC333U-GJ4EG4US MC333U-GJ4EG4WR MC339U-GE2EG4EU MC339U-GE2EG4US MC339U-GE3EG4EU MC339U-GE3EG4US MC339U-GE4EG4EU MC333U-GJ4EG4SL	MC339U-GE4EG4IN MC339U-GE4EG4JP MC339U-GE4EG4US MC339U-GE4EG4WR MC339U-GF2EG4EU MC339U-GF2EG4US MC339U-GF3EG4EU MC339U-GF3EG4US MC339U-GF4EG4EU MC339U-GF4EG4US MC339U-GF4EG4WR MC339U-GF4EG4TH MC339U-GF3EG4TH MC339U-GE4EG4TH MC333U-GJ4EG4TH MC339U-GF4EG4SL	MC3300xR Home Page
TC52	TC520K-1PEZU4P-A6 TC520K-1PEZU4P-NA	TC520K-1PEZU4P-IA TC520K-1PEZU4P-FT	TC52 Home Page
TC52 – AR1337 Camera	TC520K-1PFZU4P-A6	TC520K-1PFZU4P-NA	TC52 Home Page
TC52 HC	TC520K-1HEZU4P-NA TC520K-1HEZU4P-A6	TC520K-1HEZU4P-FT TC520K-1HEZU4P-IA	TC52 HC Home Page
TC52X	TC520K-1XFMU6P-NA TC520K-1XFMU6P-A6 TC520K-1XFMU6P-TK	TC520K-1XFMU6P-FT TC520K-1XFMU6P-IA	TC52X Home Page
TC57X	TC57HO-1XFMU6P-A6 TC57HO-1XFMU6P-BR TC57HO-1XFMU6P-IA	TC57HO-1XFMU6P-ID TC57JO-1XFMU6P-TK TC57HO-1XFMU6P-NA	TC57X Home Page
L10A	RTL10B1-xxxxxxxxNA (North America) RTL10B1-xxAxxX0x00A6 (ROW) <i>Note: 'x' Stands for wild card for different configurations</i>	RTL10B1-xxAxxX0x00IN (India) RTL10B1-xxxxxxxxRU (Russia)	L10A Home Page
TC8300	TC83B0-x005A510NA TC83B0-x005A61CNA TC83BH-x205A710NA TC83B0-x005A510RW TC83B0-x005A61CRW	TC83BH-x206A710RW TC83B0-4005A610NA TC83B0-4005A610RW TC83B0-4005A610IN TC83B0-5005A610NA	TC8300 Home Page

	TC83BH-x205A710RW TC83B0-x005A510IN TC83B0-x005A61CIN TC83BH-x205A710IN TC83BH-x206A710NA <i>Note: 'x' Stands for wild card for different configurations</i>	TC83B0-5005A610RW TC83B0-5005A610IN TC83B0-x005A510TA TC83BH-x205A710TA	
MC93	MC930B-GSXXG4XX MC930P-GSXXG4XX MC930P-GFXXG4XX <i>Note: 'x' Stands for wild card for different configurations</i>	MC930B-GSXXG4NA-XX MC930P-GSXXG4NA-XX	MC9300 Home Page
VC8300	VC83-08FOCABAABA-I VC83-08FOCQBAABA-I VC83-08FOCQBAABANA VC83-08SOCABAABA-I	VC83-08SOCQBAABA-I VC83-08SOCQBAABANA VC83-08SOCQBAABAIN	VC8300 Home Page
EC30	EC300K-1SA2ANA EC300K-1SA2AA6 EC300K-1SA2AIA	KT-EC300K-1SA2BNA-10 KT-EC300K-1SA2BA6-10	EC30 Home Page
TC72	TC720L-0ME24B0-A6 TC720L-0ME24B0-NA TC720L-0ME24B0-BR TC720L-0ME24B0-IA	TC720L-0ME24B0-TN TC720L-0ME24B0-FT TC720L-0MJ24B0-A6 TC720L-0MJ24B0-NA	TC72 Home Page
TC72 – AR1337 Camera	TC720L-0MK24B0-A6 TC720L-0MK24B0-NA	TC720L-0ML24B0-A6 TC720L-0ML24B0-NA	TC72 Home Page
TC77	TC77HL-5ME24BG-A6 TC77HL-5ME24BD-IA TC77HL-5ME24BG-FT (FIPS_SKU) TC77HL-7MJ24BG-A6 TC77HL-5ME24BD-ID TC77HL-5ME24BG-EA TC77HL-5ME24BG-NA	TC77HL-5MG24BG-EA TC77HL-6ME34BG-A6 TC77HL-5ME24BD-BR TC77HL-5MJ24BG-A6 TC77HL-5ME24BG-RU TC77HL-5MJ24BG-NA TC77HL-7MJ24BG-NA	TC77 Home Page
TC77 – AR1337 Camera	TC77HL-5MK24BG-A6 TC77HL-5MK24BG-NA	TC77HL-5ML24BG-A6 TC77HL-5ML24BG-NA	TC77 Home Page
TC57	TC57HO-1PEZU4P-A6 TC57HO-1PEZU4P-EA TC57HO-1PEZU4P-IA	TC57HO-1PEZU4P-BR TC57HO-1PEZU4P-ID TC57HO-1PEZU4P-NA	TC57 Home Page
TC57 – AR1337 Camera	TC57HO-1PFZU4P-A6	TC57HO-1PFZU4P-NA	TC57 Home Page

CC600	CC600-5-3200LNNA CC600-5-3200LNWW CC600-5-3200LNRU	CC600-5-3200LNIN CC600-5-3200LNCH	CC600 Home Page
CC6000	CC6000-10-3200LCWW CC6000-10-3200PCWW CC6000-10-3200LCNA CC6000-10-320NLCNA CC6000-10-3200LCRU	CC6000-10-3200PCNA CC6000-10-3200LNNA CC6000-10-320NLCWW CC600-5-3200LNCH	CC6000 Home Page
WT6300	WT63B0-TS0QNERW WT63B0-TS0QNENA WT63B0-TX0QNERW WT63B0-TX0QNENA WT63B0-TS0QNETR	WT63B0-KS0QNERW WT63B0-KS0QNENA WT63B0-KX0QNERW WT63B0-KX0QNENA WT63B0-TS0QNERU	WT6300 Home Page
MC2200	MC220J-2A3S2RW MC220J-2A3S2NA MC220J-2A3S2IN MC220K-2B3S3RW MC220K-2B3S3NA MC220K-2B3S3IN MC220K-2A3S3RW MC220K-2B3S3TR MC220J-2A3S2RU	MC220K-2B3S3IN01 MC220K-2A3S3RW MC220K-2A3S3RW01 MC220K-2A3S3IN01 MC220J-2A3S2XP MC220K-2B3S3XP MC220J-2A3S2TR MC220K-2B3S3RU MC220K-2A3S3RU	MC2200 Home Page
MC2700	MC27AJ-2A3S2NA MC27AK-2B3S3NA MC27AK-4B3S3NA MC27BJ-2A3S2RU MC27BJ-2A3S2RW MC27BJ-2A3S2TR MC27BJ-2A3S2XP MC27BK-2B3S3RU	MC27BK-2B3S3RW MC27BK-2B3S3TR MC27BK-2B3S3XP MC27BK-4B3S3RW MC27BJ-2A3S2BR MC27BJ-2A3S2IN MC27BK-2B3S3BR MC27BK-2B3S3IN	MC2700 Home Page
EC50	EC500K-01B132-NA EC500K-01B242-NA EC500K-01B243-NA EC500K-01D141-NA	EC500K-01B243-A6 EC500K-01D141-A6 EC500K-01B132-A6 EC500K-01B242-A6	EC50 Home Page
EC55	EC55BK-21D141-A6 EC55BK-11B132-A6	EC55BK-21B242-A6 EC55BK-21B243-A6	EC55 Home Page

Addendum

Component Versions

Component / Description	Version
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Linux Kernel	4.4.205
AnalyticsMgr	2.4.0.1254
Android SDK Level	29
Audio (Microphone and Speaker)	0.31.0.0
Battery Manager	1.1.7
Bluetooth Pairing Utility	3.20
Camera	2.0.002
DataWedge	8.2.211
EMDK	9.0.3.3003
Files	10
License Manager and License Agent	version 5.0.0 and version 5.0.0.5.0.0
MXMF	10.3.0.18
NFC	NFC_NCIHALx_AR18C0.a.3.0
OEM info	9.0.0.315
OSX	QCT.100.10.5.58
RXlogger	6.0.4.0
Scanning Framework	28.9.8.0
StageNow	5.1.0.1
WLAN	FUSION_QA_2_1.3.0.022_Q
Baseband	W201106A_011.1-00856
Zebra Bluetooth Settings	2.3
Zebra Data Service	10.0.1.1042

Revision History

Rev	Description	Date
1.0	Initial release	March 22, 2021