Release Notes – Zebra Android 11

11-13-13.00-RN-U26-STD-HEL-04 Release (NGMS)

Highlights

This Android 11 NGMS release 11-13-13.00-RN-U26-STD-HEL-04 covers MC33xx (MC33xR), TC21, TC52x, EC50, MC22, WT6300, TC52, TC72 family of products. Please see, device compatibility under Addendum Section for more details.

Software Packages

Package Name	Description
HE_FULL_UPDATE_11-13-13.00-RN-U26-STD-HEL-04	Full package update
Releasekey_Android11_EnterpriseReset_V1.zip	Reset Package to Erase User Data Partition Only
Relasekey_Android11_FactoryReset_V1.zip	Reset Package to Erase User Data and Enterprise Partitions

Security Updates

This build is Compliant up to Android Security Bulletin of August 01, 2021.

Version Information

Below Table contains important information on versions

Description	Version
Product Build Number	11-13-13.00-RN-U26-STD-HEL-04
Android Version	11
Security Patch level	June 5, 2021
Component Versions	Please see Component Versions under Addendum section

Device Support

The products supported in this release are covers MC33xx (MC33xR), TC21, TC52x, EC50, MC22, WT6300, TC52, TC72 family of products.

Please see device compatibility details under Addendum Section.

New Features

- Added support for new UI design for Zebra Volume Control & Key Remapping
- Added support for Wi-Fi MAC randomization in connected state. It is enabled in out of box condition and can be disabled using EMM.
- Added support to display status of symbol security in settings
- Added support to block the app install/update/un-install notifications during silent installation
- Added support for streaming of Delta OTA packages (LifeGuard updates).
- Added support for OTA Delta packages available on Zebra.com will be sequential in nature.
- Added support to release every LifeGuard update as a FULL & DELTA OTA package on zebra.com
- Added support to reduce the size of DELTA OTA package compared to previous dessert.
- Added support to reduce device downtime during LifeGuard update.
- Added support for NG Simulscan Support for camera
- Added support for RParams template for Doc Capture
- Added support for secondary BLE License for Simba
- Added support for dark display theme OOB for EC50 devices.
- Added support for updated default wallpaper OOB for EC50 devices.
- Added support for updated launcher icon outline shape to look rounded OOB for EC50 devices.
- Added support for setting default tone as "Lalande.ogg" for notification sound played at boot up or low battery for EC50 devices.
- Added support for enabling bordered keys in Gboard setting OOB for EC50 devices.
- Added support for improving Camera autofocus speed and accuracy for TC52x, EC50, TC52 and TC72.
- Added support for improving Camera autoexposure for TC52x, EC50, TC52 and TC72.
- Added support for improving image sharpness in various lighting conditions for TC52x, EC50, TC52 and TC72.
- Added support for improving Camera AWB for TC52x, EC50, TC52 and TC72.
- Added support for removing auto focus ring in Camera UI, which can be enabled by the user if desired.

Resolved Issues

Fixed: 39878 Customer Application sends DW intent api to set default profile in DW and DW not able to be processing this intent
Fixed: 39784 Clock Mx not setting correct time based on time zone setting
Fixed: 40390 Webpage not accessible when charging
Fixed: 40076 Customer scanner application not working properly
Fixed: 41886 Empty string after scanning QR Code with Datawedge
Fixed: 41161, 40219 Difficult to scan MSI 2 check digit barcode using Datawedge
Fixed: 43144 Unable to install Microsoft PowerApps
Fixed: 39760 press and hold effect was not working as expected after 15 secs
Fixed: 40770 Standardize the Thermal mitigation response and notifications
Fixed: 43087 Screen Stays black when power key is pressed

Fixed: 40906 No data show in Datawedge after decoding Datamatrix code encoded by 7-bits ASCII
Fixed: 43358 Unable to add the network using StageNow.
Fixed: 40567 Datawedge crashes while accessing a specific page.
Fixed: 40170 Bluetooth continuously crashes.
Fixed: 41440 Unable to collect rescue party logs.
Fixed: 41260 Pulse secure client cannot access keystore.
Fixed: 40025 Imager mode options to be removed from Datawedge.
Fixed: 40239 Device fails to enroll to Microsoft Intune.
Fixed: 40109 Internet issue while accessing webpages in internal apps.
Fixed: 40544 Failure to get connect notifications with DS3678.
Fixed: 40219 Failure to decode MSI barcodes.
Fixed: 41725 DW Api Suspend_Plugin keeps waiting.
Fixed: 43394 Cradle reboots when all the eight slots are connected to devices.
Fixed: 40287 Missing timestamp in Dotcode symbology.
Fixed: 41910 First touch after resume not registered correctly on 8 Inch HW.
Fixed: 41915 Serial port API not working.
Fixed: 41623 Resolved an issue wherein TC52 was displaying incorrect magnetometer values.
Fixed: 41886 Empty string after scanning QR Code with Datawedge.
Fixed: 37538 Observe afast blink when battery is placed in toaster.
Fixed: 41881 DataWedge ContentProvider permission not accepted on OS Update.
Fixed: 41240 Integrated Scanner Datawedge lacks Code 128.
Fixed: 41891 'Network selection disabled' dialog is seen on the screen.
Fixed: 41327 Device reboots when paired to CS6080.
Fixed: 41348 OEMConfig - error messages are seen.
Fixed: 38958 ET50 does not use active connection when connected to remote site.

Usage Notes

- None

Known Constraints

- In-order to avoid any inconsistencies in Settings UI it is recommended to wait for a few seconds after the device boots up before launching settings UI.

- On upgrading a device from A8/A9/A10 to A11, NFC manager configuration need to be re-applied.

- Starting Android 11 on SDM660, an UPL file cannot consist of both Full OTA and Delta OTA package. On A11 customer can directly install the Full OTA package of required LG image

- One second Bluetooth jitter noticed in 2.4GHz band.

- When Wi-Fi RTT (FTM) feature is used for location updates, it is recommended to reboot the unit after initial configuration of Wi-Fi profile and settings.

- This release supports MC22 high memory SKUs (4GB) but not low memory SKUs (2GB & 3GB)

Important Links

- Installation and setup instructions (if the link does not work, please copy It to browser and try)
- Zebra Techdocs
- Developer Portal

Addendum

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-02A222-CN TC210K-02B212-CN	TC210K-02B412-CN TC210K-02A423-CN	TC21 Home Page
TC52x	TC520K-1XFMU6P-CN		TC52x Home Page
MC2200	MC220K-3B3S4CN	MC220J-3A3S2CN	MC2200 Home Page
WT6300	WT63B0-TS0ANECN	WT63B0-KS0ANECN	WT6300 Home Page
TC52	TC520K-2PEZU4P-CN		TC52 Home Page
TC72	TC720L-0ME24B0-CN TC720L-02E24B0- CN	TC720L-0ME24B0-CN TC720L-02E24B0- CN	TC72 Home Page
EC50	EC500K-02B112-CN EC500K-02B132-CN	EC500K-02B223-CN EC500K-02B243-CN	EC50 Home Page
MC3300x	MC330L-GE3EA4CN MC330L-GE4EA4CN MC330L-GH3EA3CN MC330L-GJ2EA4CN MC330L-GJ3EA4CN MC330L-GJ4EA4CN MC330L-GL3EA3CN MC330L-GL3EA4CN MC330L-RL2EA4CN MC330L-RL3EA4CN	MC330L-SA3EA4CN MC330L-SE3EA4CN MC330L-SG3EA4CN MC330L-SH3EA3CN MC330L-SJ2EA4CN MC330L-SJ3EA4CN MC330L-SJ4EA4CN MC330L-SK3EA4CN MC330L-SL3EA3CN	MC3300x Home Page
MC3300xR	MC333U-GJ4EA4CN MC339U-GE4EA4CN	MC339U-GF4EA4CN	MC3300xR Home Page

Component Versions

Component / Description	Version
Acoustics Profiles	MC33xx: General: DR3.2 　　　　　Cellular: NA TC21:　　General: SR1.2 　　　　　Cellular: NA TC52x:　　General: TR1.3 　　　　　Cellular: NA EC50:　　General: UR1.2 　　　　　Cellular: NA MC22:　　General: VR1.2 　　　　　Cellular: NA WT6300: General: WR1.2 　　　　　Cellular: NA TC52:　　General: GR1.2 　　　　　Cellular: NA TC72:　　General: HR1.3 　　　　　Cellular: NA MC33xR: General: YR1.2 　　　　　Cellular: NA
Linux Kernel	4.19.157-perf
AnalyticsMgr	10.0.0.1002
Android SDK Level	30
Audio (Microphone and Speaker)	0.25.0.0
Battery Manager	1.1.9
Bluetooth Pairing Utility	3.24
Camera	2.0.002
DataWedge	11.0.89
EMDK	11.0.113.4013
License Manager and License agent	version 5.0.1 and 5.0.1.5.0.0
MXMF	11.0.1.36
NFC	NFC_NCIHALx_AR18C0.b.1.0
OEM info	9.0.0.466
OSX	QCT.110.11.6.8
RXlogger	7.0.0.0

Scanning Framework	30.7.29.0
StageNow	5.3.0.2

Touch Panel (FW)	MC33xx: Version: 38
	                    Mode: Stylus and Finger, Glove and Finger
	TC21: Version: 6
	                    Mode: Finger Only
	TC52x: Version: 0.8.1-Finger-4-0:0x39c6fa
	                    Mode: Finger Only
	EC50: Version: 6
	                    Mode: Finger Only
	MC22: Version: 20
	                    Mode: Finger Only
	WT6300: Version: 40
	                    Mode: Finger Only
	TC52: Version: 1.8.3-Finger-2-0:x68cffa
	                    Mode: Finger Only
	TC72: Version: 2.0.1-Finger-1.0.0x826e9a
	                    Mode: Finger Only
	MC33xR: Version: 0.8.1-finger-4-0:0x39c6fa
	                    Mode: Finger Only

WLAN	FUSION_QA_2_1.2.0.004_R
WorryFree WiFi:	WFW_A_2_6.1.0.003_R
Zebra Bluetooth	11.0.13
Zebra Volume Control	3.0.0.34
Zebra Data Service	10.0.4.1015

Revision History

Rev	Description	Date
1.0	Initial release	August 27, 2021