



Release Notes – Zebra Android 13

13-15-24.00-TN-U00-STD-HEL-04 Release (NGMS)

Highlights

This Android 13 NGMS release 13-15-24.00-TN-U00-STD-HEL-04 covers TC21 family of products. Please see, device compatibility under Addendum Section for more details.

Software Packages

Package Name	Description
HE_FULL_UPDATE_13-15-24.00-TN-U00-STD-HEL-04.zip	Full package update
Releasekey_Android13_EnterpriseReset_V2.zip	Reset Package to Erase User Data Partition Only
Releasekey_Android13_FactoryReset_V2.zip	Reset Package to Erase User Data and Enterprise Partitions

Security Updates

This build is Compliant up to [Android Security Bulletin](#) of February 05, 2023.

Version Information

Below Table contains important information on versions

Description	Version
Product Build Number	13-15-24.00-TN-U00-STD-HEL-04
Android Version	13
Security Patch level	February 5, 2023
Component Versions	Please see Component Versions under Addendum section

Device Support

The products supported in this release covers TC21 family of products.

Please see device compatibility details under Addendum Section.

New Features

- In A13 encryption method is changed from FDE to FBE.
- Zebra Charging Manager new feature is added in Battery Manger App to improve battery Life.
- RxLogger new features includes - Additional WWAN dumpsys commands and Configurable logcat buffer size through RxLogger settings.
- Worry-free WiFi is now renamed as Wireless Analyzer .
- Wireless Analyzer supports 11ax scan list feature , FT_Over_DS feature , 6E Support to add (RNR, Multi-BSSID) in Scanlist and FTM API integration with Wireless Insight .
- In A13 Stagenow JS Barcode support is added .XML Barcode will not be Supportedby Stagenow in A13.
- DDT New release will have new package name . Old package name support will be discontinued after some time. Older version of DDT must be uninstalled, and newer version should be installed
- In A13 Quick setting UI has changed .
- In A13 Quick setting UI QR scanner code option is available .
- In A13 Files app is replaced by Google Files App .

Resolved Issues

- Fixed: 48592 EHS crashing
- Fixed: 47645 EHS suddenly disappears, and Quickstep shows up
- Fixed: 47643 Rescue Party screen came up during Wi-Fi ping test
- Fixed: 48005 StageNow - the string length of Passphrase WPAClear is too long when using \\ for \ in passphrase
- Fixed: 48045 MX not able to use HostMgr Hostname.
- Fixed: 47573 Short Press should not open Power Menu
- Fixed: 46586 Unable to set EHS as default Launcher with StageNow
- Fixed: 46516 Audio Settings Do Not Persist upon Enterprise Reset
- Fixed: 45794 Selecting\changing Audio Profiles does not set volume to preset levels.
- Fixed: 48519 Clear Recent Apps MX Failing.
- Fixed: 48051 issue regarding StageNow where FileMgr CSP not working.
- Fixed: 47994 Slower to update the tile name at every reboot.
- Fixed: 46408 Stagenow Not showing downloading pop up when downloading os update file from custom ftp server
- Fixed: 47949 Clearing recent apps is opening up Quickstep launcher instead in EHS

- Fixed: 46971 EHS Autolaunch app list is not preserved when EHS configuration is saved from EHS GUI
- Fixed: 47751 Problem setting Default Launcher when device has blacklisted com.android.settings applied
- Fixed: 48241 System UI crash with MobileIron's DPC launcher
- Fixed: 47916 OTA Download through Mobile Iron (using Android Download Manager) Fails in 1Mbps network speed
- Fixed: 48007 Diag daemon at RxLogger increases its consumption memory.
- Fixed: 46220 BTSnoop log module inconsistency in generating CFA logs .

Usage Notes

Existing customers of TC21 can upgrade to A13 with data persistence using one of the following methods.

- a) Using FDE-FBE conversion package ([FDE-FBE conversion package](#))
- b) Using EMM enterprise persistence (AirWatch, SOTI)

Known Constraints

- Dessert Upgrade to A13 will have Enterprise reset because of Encryption change from FDE to FBE.
- Dessert upgrade from A10, A11 to A13 can be done with UPL with reset command. Oreo reset command is not supported.
- Fusion parameters stored via persistMgr in A11 are not retained in A13.
- Staging via NFC is not supported.
- NotificationMgr features (<https://techdocs.zebra.com/mx/notificationmgr/>) are not supported.
- Workstation Connect Not supported in this Release .
- DHCP Option 119 feature supported will be enabled in later release.
- Google no longer allows OEMs to add PAC Auto Proxy support to Android 13.
- SPR 48817 Auto shutdown disabled in TestDPC Kiosk – Fix for this issue will be available in Next A13 Release .
- SPR 48481 Wi-Fi beacon miss issue between Device and WAP — Fix for this issue will be available in Next A13 Release .
- Scanner and keypad volume restrictions are not persisted after A13 upgrade. Fix for this issue will be available in Next A13 Release .

Important Links

- [SDM660 A13 OS Update instructions](#)
- [FDE-FBE conversion package](#)
- [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

Component Versions

Component / Description	Version
Acoustics Profiles	General: -ST1.1
Linux Kernel	4.19.157-perf
AnalyticsMgr	10.0.0.1002
Android SDK Level	33
Audio (Microphone and Speaker)	0.7.1.0
Battery Manager	1.4.2
Bluetooth Pairing Utility	6.1.32
Camera	2.0.002(81-00)
DataWedge	13.0.20
EMDK	13.0.1.4301
Files	13
License Manager and License agent	6.0.29 and 6.0.62.5.0.3
MXMF	13.0.0.104
NFC	NFC_NCIHALx_AR18C0.d.2.0
OEM info	9.0.0.935
OSX	SDM660.130.13.4.6

RXlogger	13.0.11.15
Scanning Framework	38.7.11.0
StageNow	11.0.2.114
Zebra device manager	13.0.0.104
Touch Panel (FW)	(TC21):Version 6
WLAN	FUSION_QA_2_1.0.0.025_T
WorryFree WiFi:	3.2.10
Zebra Bluetooth	13.1.2
Zebra Volume Control	3.0.0.87
Zebra Data Service	10.0.7.1001
Secure Storage manager	13.0.0.8

Revision History

Rev	Description	Date
1.0	Initial release	March 30, 2023