

Release Notes – Zebra Android Oreo 01-23-19.00-ON-U08-STD Release (AOSP)

Highlights

The details of the Android AOSP Oreo release 01-23-19.00-ON-U08-STD that covers family of products including TC52, TC57, TC72, TC77, TC52HC, PS20x, TC8300, MC9300, VC8300, L10A, ET51, and EC30. Please see, Device Compatibility under Addendum Section for more details.

Software Packages

Package Name	Description
HE_LG_UPDATE_01-23-19.00-ON-U08-STD.zip	LG Package Update

Security Updates

This build is Compliant up to [Android Security Bulletin](#) of November 01 2019.

Cellular carrier supported

AT&T, Verizon Wireless, Sprint, Telstra and ROW (Rest of World)

Version Information

Below Table contains important information on versions

Description	Version
Product Build Number	X1-23-19.00-ON-U08-STD
Android Version	8.1.0
Security Patch level	November 1, 2019
Linux Kernel	4.4.78
Component Versions	Please see Component Version under Addendum section

New Features

Scanning

- Added OCR Support.
- Added RS5100 Scanner's support.
- Added Multi-Barcode enhancement: 'multibarcodes' max count increased from 10 to 100

Productivity and Solutions

- Added support for static IP to be set using Ethernet Manager settings from StageNow
- Added Staging from an SD card or USB device works fine when multiple .bin files are present on the storage medium
- Added Support for barcode symbologies Finnish 4S and Dutch 3S
- Added Support Multi Barcode Support in Datawedge

Resolved Issues

- Fixed: SPR-37201 Unable to scan after modified system settings.
- Fixed: SPR-38418 Right trigger causes SimulScan to continuously scan
- Fixed: SPR-38749 The Mobile Network menu gets disabled when the SettingsMgr CSP disables the ability to toggle Airplane mode
- Fixed: SPR-38330 Unable to disabling Application Notification from SettingsMgr
- Fixed: SPR-38250 BT Packet data arrives out of order
- Fixed: SPR-38575 The Decoder parameter 'checkdigit' is not distinguished for "USPOSTNET" and "US PLANET"
- Fixed: SPR-38534 WiFi occasionally stops after FT roam while device is suspended
- Fixed: SPR-38416 WAN devices with inactive Verizon sim card will automatically enter Airplane mode
- Fixed: SPR-38778 EMDK for Xamarin SAM API throws exception with 253 bytes payload key roll-over

Installation

Requirements and Instructions

- [Installation and setup instructions](#)

Upgrade Options

Below table provides detailed information on shortest path to upgrade based on current version of software.

Current Software Version on Device	Steps to get to this Release	Comments
01-12-01.00-ON-Uxx 01-13-20.00-ON-Uxx 01-18-02.00-ON-Uxx	Apply Full Package Update HE_FULL_UPDATE_01-23-19.00-ON-U00-STD.zip Followed by Apply Delta Package Update HE_LG_UPDATE_01-23-19.00-ON-U08-STD.zip	Full Package Update
01-21-18.00-ON-Uxx	Option 1: Apply Delta Package Update HE_DELTA_UPDATE_01-21-18.00-ON_TO_01-23-19.U00-ON.zip Followed by Apply Delta Package Update HE_LG_UPDATE_01-23-19.00-ON-U08-STD.zip Option 2: Full Package Update Apply HE_FULL_UPDATE_01-23-19.00-ON-U00-STD.zip Followed by Apply Delta Package Update HE_LG_UPDATE_01-23-19.00-ON-U08-STD.zip	Option #1 is recommended as size of Delta package update is smaller compared to Full Package Update
01-23-19.00-ON-Uxx	Apply Delta Package Update HE_LG_UPDATE_01-23-19.00-ON-U08-STD.zip	

Known Constraints and Workarounds

- WiFi sleep policy set to “Always” (Android O limitation)
- GMS Restricted Mode is introduced in this release. Customers using Enable/Disable GMS apps may want to consult the settings types for App Manager, Power Manager and GMS Manager in Zebra's Tech Docs. Functionality originally in Enable/Disable GMS apps (App Manager) has been moved to GMS Restricted Mode (GMS Manager).
- "Get Status for all Wake-Up sources" is returning "Enabled" when all Wake-up sources are disabled
Some devices operate at 320 dpi. This screen configuration results in the majority of the AOSP applications displaying content consistently in both portrait and landscape modes. In most cases if the application layout is not optimal in landscape it is optimal in portrait or vice versa. However, there are a few applications that do not render properly in either portrait or landscape. In this case the suggested alternative is to change the display size using the bundled Display Settings APK or use settings menu to change the display size and font size (settings > Display > Advanced settings > Display Size / Font Size).

Addendum

Device Compatibility

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

Device Family	Part Number		Device Specific Manuals and Guides
TC52	TC520K-2PEZU4P-CN TC520K-2PEZU4P-CN TC520K-2HEZU4P-CN		TC52 Home Page
TC72	TC720L-0ME24B0-CN		TC72 Home Page
PS20	PS20J-B2G2CN00	PS20J-P4G2CN00	PS20 Home Page
TC77	TC77HL-5ME24BG-CN		TC77 Home Page
TC57	TC57HO-1PEZU4P-CN		TC57 Home Page
VC8300	VC83-08SOCQBABBACN	VC83-08FOCQBABBACN	VC8300 Home Page
TC8300	TC83B0-6005A510CN TC83B0-2005A510CN TC83B0-3005A510CN TC83B0-2005A61CCN TC83B0-3005A61CCN	TC83BH-2205A710CN TC83BH-3205A710CN TC83B0-4005A610CN TC83B0-5005A610CN	TC8300 Home Page
L10AW	RTL10B1-xxAxxX0x00CN (China) Note: 'x' Stands for wild card for different configurations.		L10 Home Page
MC9300	MC930B-GSEEG4CN MC930B-GSCDG4CN MC930B-GSEEDG4CN MC930B-GSADG4CN	MC930B-GSACG4CN MC930P-GFADG4CN MC930P-GFCDG4CN MC930P-GFEDG4CN	MC9300 Home Page
ET51	ET51CE-L21E-00CN		ET51 Home Page
ET56	NA		ET56 Home Page
EC30	EC300K-2SA1ACN		EC30 Home Page

Component Versions

Component / Description	Version
ActiveEdge	2.5.16
AnalyticsMgr	2.4.0.1251
Battery Management	Version: 1.4.2
Battery Swap [Enhanced]	Version: 2.2.0
Bluetooth Pairing Utility	Version 3.16
DataWedge	7.6.30
Device Central	2.1.0.15
Diagnostic Tool	1.19.0.3
EMDK	7.6.10.2610
Enterprise Keyboard	2.2.2.3
Fota	1.0.0.8
License Manager and License Agent	version 3.2.0 and version 3.2.0.3.2.0
MSRN	2.01
MX	MXMF version:9.3.3.1
NFC	NFC_NCIHALx_ARC0.8.4.0
OSX	QCT.81.8.21.15
PTT Express	3.1.42
Rxlogger and RxLoggerUtility	Version 5.4.16.0 and Version: 1.3.3.11
Scanning Framework	23.1.6.0
Simulscan	"Version: 4.0.5
WorryFree Wifi Analyzer	WFW_QA_2_1.10.0.009_O
StageNow	4.1.0.13
WLAN	FUSION_QA_2_1.10.0.011_O