Release Notes – Zebra Android Oreo 01-23-18.00-OG-U08-STD Release (GMS)

Highlights

The details of the Android GMS Oreo release 01-23-18.00-OG-U08-STD that covers family of products including TC52, TC57, TC72, TC77, TC52HC, PS20x, TC8300, MC9300, VC8300, L10A, ET51, ET56, EC30 and CC600, CC6000. Please see, Device Compatibility under Addendum Section for more details.

Software Packages

Package Name	Description
HE_LG_UPDATE_01-23-18.00-OG-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	X1-23-18.00-OG-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: 'multibarcode' 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-OG-Uxx 01-13-20.00-OG-Uxx 01-18-02.00-OG-Uxx	Apply Full Package Update HE_FULL_UPDATE_01-23-18.00-OG-U00-STD.zip **Followed by** Apply Delta Package Update HE_LG_UPDATE_01-23-18.00-OG-U08-STD.zip	Full Package Update
01-21-18.00-OG-Uxx	**Option 1:** Apply Delta Package Update HE_DELTA_UPDATE_01-21-18.00-OG_TO_01-23-18.U00-OG.zip **Followed by** Apply Delta Package Update HE_LG_UPDATE_01-23-18.00-OG-U08-STD.zip **Option 2:** Full Package Update Apply HE_FULL_UPDATE_01-23-18.00-OG-U00-STD.zip **Followed by** Apply Delta Package Update HE_LG_UPDATE_01-23-18.00-OG-U08-STD.zip	**Option #1 is recommended** as size of Delta package update is smaller compared to Full Package Update
01-23-18.00-OG-Uxx	Apply Delta Package Update HE_LG_UPDATE_01-23-18.00-OG-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-1PEZU4P-NA, TC520K-1PEZU4P-A6 TC520K-1PEZU4P-FT TC520K-1PEZU4P-IA	TC520K-1HEZU4P-IA TC520K-1HEZU4P-NA TC520K-1HEZU4P-A6 TC520K-1HEZU4P-FT	TC52 Home Page
TC72	TC720L-0ME24B0-A6 TC720L-0ME24B0-NA TC720L-0ME24B0-BR	TC720L-0ME24B0-IA TC720L-0ME24B0-TN TC720L-0ME24B0-FT	TC72 Home Page
PS20	PS20J-P4G1A600 PS20J-P4G1NA00 PS20J-P4G1A600 PS20J-P4G1NA00 PS20J-B2G1A600	PS20J-B2G1A600 PS20J-B2G1NA00 PS20J-B2G1NA00 PS20J-P4H1A600 PS20J-P4H1NA00	PS20 Home Page
TC77	TC77HL-5ME24BG-A6 TC77HL-5ME24BG-NA TC77HL-5ME24BG-FT (FIPS SKU) TC77HL-5ME24BD-IA	TC77HL-5ME24BD-ID TC77HL-5ME24BG-EA TC77HL-5MG24BG-EA TC77HL-6ME34BG-A6 TC77HL-5ME24BD-BR	TC77 Home Page
TC57	TC57HO-1PEZU4P-A6 TC57HO-1PEZU4P-NA TC57HO-1PEZU4P-EA TC57HO-1PEZU4P-FT (FIPS SKU)	TC57HO-1PEZU4P-IA TC57HO-1PEZU4P-BR TC57HO-1PEZU4P-ID	TC57 Home Page
CC600	CC600-5-3200LNNA CC600-5-3200LNWW	CC600-5-3200LNIN	CC600 Home Page
CC6000	CC6000-10-3200LCWW CC6000-10-3200PCWW CC6000-10-3200LCNA	CC6000-10-3200PCNA CC6000-10-3200LNNA	CC6000 Home Page
VC8300	VC83-08FOCABAABA-I VC83-08FOCQBAABA-I VC83-08FOCQBAABANA	VC83-08SOCABAABA-I VC83-08SOCQBAABA-I VC83-08SOCQBAABANA	VC8300 Home Page

TC8300	TC83B0-x005A510NA TC83B0-x005A61CNA TC83BH-x205A710NA TC83B0-x005A510RW TC83B0-x005A61CRW TC83BH-x205A710RW TC83B0-x005A510CN TC83B0-x005A61CCN TC83BH-x205A710CN TC83B0-x005A510IN TC83B0-x005A61CIN TC83BH-x205A710IN	TC83BH-x206A710NA TC83BH-x206A710RW TC83B0-4005A610NA TC83B0-4005A610RW TC83B0-4005A610CN TC83B0-4005A610IN TC83B0-5005A610NA TC83B0-5005A610RW TC83B0-5005A610CN TC83B0-5005A610IN TC83B0-x005A510TA TC83BH-x205A710TA	TC8300 Home Page
	Note: 'x' Stands for wild card for different configurations.		
L10AW	RTL10B1-xxAxxX0x00A6 (ROW) RTL10B1-xxAxxX0x00IN (India)	RTL10B1-xxAxxX0x00NA (NA)	L10 Home Page
	Note: 'x' Stands for wild card for different configurations.		
MC9300	MC930B-GSXXG4XX MC930P-GSXXG4XX MC930P-GFXXG4XX	MC930B-GSXXG4NA-XX MC930P-GSXXG4NA-XX	MC9300 Home Page
	Note: 'x' Stands for wild card for different configurations.		
ET51	ET51CE-G21E-00A6 ET51CE-G21E-00NA	ET51CT-G21E-00A6 ET51CT-G21E-00NA	ET51 Home Page
ET56	ET56DE-G21E-00A6	ET56DE-G21E-00NA	ET56 Home Page
EC30	EC300K-1SA1ANA EC300K-1SA1AA6	EC300K-1SA1AIA EC300K-1SA1AEA	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