

Release Notes – Zebra Android Oreo 01-18-02.00-OG-U15-STD Release (GMS)

Description

The details of the Android GMS Oreo release 01-18-02.00-OG-U15-STD that covers family of products including TC5x, TC7x, PS20x, CC600, CC6000, VC8300, TC8300 and MC9300. Please see, Device Compatibility under Addendum 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_INCREMENTAL_UPDATE_01-18-02.00-OG-U15-STD.zip	CFE package update

Security Updates

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

LifeGuard Update 15:

- This LG patch is applicable for 01-18-02.00-OG-U00-STD BSP version. The LG Patch includes the following updated components.
 - WLAN FUSION_QA_2_1.4.0.014_O
 - Device Central:2.1.0.9

Fixes

Fixed: SPR37051 – Resolved an issue wherein the NFC reader does not properly read some of the MIFARE NFC cards.

Fixed: SPR37083 – Resolved an issue wherein the device was not able to communicate with cradle after the cradle booted with devices installed.

LifeGuard Update 14:

- This LG patch is applicable for 01-18-02.00-OG-U00-STD BSP version. The LG Patch includes the following updated components.
 - WLAN FUSION_QA_2_1.4.0.013_O
 - MX:9.0.2.9
 - EMDK:7.3.17.2317
 - DW:7.3.21
 - EKB: 2.1.1.2

Fixes

Fixed: SPR37124 – Resolved an issue where in ADF rule with crunch spaces was removing last character from barcode data with space.

Fixed: SPR37060 – Resolved an issue wherein DataWedge was not disabling the scanner upon resume during app transition from background to foreground causing intermittent scanning failures.

Fixed: SPR36925 – Resolved an issue wherein scanner was not available for second app when an ANR or crash occurred on the first app.

Fixed: SPR36994 – Resolved MX initialization issue wherein EHS was calling MX before completion of MX initialization process

LifeGuard Update 06:

- This LG patch is applicable for 01-18-02.00-OG-U00-STD BSP version. The LG Patch includes the following updated components.
 - WLAN FUSION_QA_2_1.4.0.012_O

Fixes

Fixed: SPR36514 – Resolved an issue wherein background apps being killed due to heavy CPU usage on device.

Version Information

Below Table contains important information on versions

Description	Version
Product Build Number	01-18-02.00-OG-U15-STD
Android Version	8.1.0
Security Patch Level	July 1, 2019
Linux Kernel	4.4.78
Component Versions	Please see Component Version under Addendum section

Installation

Requirements and Instructions

https://www.zebra.com/content/dam/zebra_new_ia/en-us/software/operating-system/helios/oreo-os-update-instructions.pdf

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	<ol style="list-style-type: none"> 1. Apply Full Package Update HE_FULL_UPDATE_01-18-02.00-OG-U00-STD.ZIP 2. Apply Incremental Update HE_INCREMENTAL_UPDATE_01-18-02.00-OG-U15-STD.zip 	
01-13-20.00-OG-Uxx	<p>Option 1:</p> <ol style="list-style-type: none"> 1. Apply Delta Package Update HE_DELTA_UPDATE_01-13-20.00-OG_TO_01-18-02.U00-OG.ZIP 2. Apply Incremental Update HE_INCREMENTAL_UPDATE_01-18-02.00-OG-U15-STD.zip <p>Option 2:</p> <ol style="list-style-type: none"> 1. Full Package Update Apply HE_FULL_UPDATE_01-18-02.00-OG-U00-STD.ZIP 2. Apply Incremental Update HE_INCREMENTAL_UPDATE_01-18-02.00-OG-U15-STD.zip 	<p>Option #1 is recommended as size of Delta package update is smaller compared to Full Package Update</p>
01-18-02.00-OG-Uxx	Apply Incremental Update HE_INCREMENTAL_UPDATE_01-18-02.00-OG-U15-STD.zip	

Known Constraints

Below are Known Constraints and workaround if applicable.

- 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).
- Scroll bar appears while pressing backspace when using GBoard. Please update GBoard via PlayStore to version greater than 8.0.4.236324529 to avoid this.
- When installing the Reset packages, always select 'Full OTA' package option when using recovery mode. Do Not select 'Diff OTA' package for Reset packages since it would erase the LG Patch update & take the device to base BSP image.



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-A6 TC520K-1PEZU4P-NA TC520K-1PEZU4P-IA TC520K-1PEZU4P-EA	Visit Manuals Section under TC52 Home Page
TC72	TC720L-0ME24B0-A6 TC720L-0ME24B0-NA TC720L-0ME24B0-BR TC720L-0ME24B0-IA TC720L-0ME24B0-TN	Visit Manuals Section under TC72 Home Page
PS20	PS20J-P4G1A600 PS20J-P4G1NA00 PS20J-B2G1A600 PS20J-B2G1NA00	Visit Manuals Section under PS20 Home Page
TC77	(This is approved for ROW only) TC77HL-5ME24BG-A6 TC77HL-5ME24BG-NA TC77HL-5ME24BG-FT (FIPS SKU) TC77HL-5ME24BD-IA TC77HL-5ME24BD-BR TC77HL-5ME24BD-ID TC77HL-5ME24BG-EA TC77HL-5MG24BG-EA TC77HL-6ME34BG-A6	Visit Manuals Section under TC77 Home Page
TC57	(This is approved for ROW only) TC57HO-1PEZU4P-A6 TC57HO-1PEZU4P-NA TC57HO-1PEZU4P-EA	Visit Manuals Section under TC57 Home Page
CC600	CC600-5-3200LNNA CC6000-10-3200LCEU CC6000-10-3200PCEU CC600-5-3200LNEU CC600-5-3200LNIN	Visit Manuals Section under CC600 Home Page
CC6000	CC6000-10-3200LCWW CC6000-10-3200PCWW CC600-5-3200LNWW CC6000-10-3200LCNA CC6000-10-3200PCNA CC6000-10-3200LNNA	Visit Manuals Section under CC6000 Home Page
VC8300	VC83-08FOCABAABA-I VC83-08FOCQBAABA-I VC83-08FOCQBAABANA VC83-08SOCABAABA-I	Visit Manuals Section under VC8300 Home Page

	VC83-08SOCQBAABA-I VC83-08SOCQBAABANA	
TC8300	TC83B0-2005A510NA TC83B0-2005A510RW TC83B0-2005A61CNA TC83B0-2005A61CRW TC83B0-3005A510NA TC83B0-3005A510RW TC83B0-3005A61CNA TC83B0-3005A61CRW TC83B0-A005A510NA TC83B0-A005A510RW TC83BH-2205A710NA TC83BH-2205A710RW TC83BH-3205A710NA TC83BH-3205A710RW	Visit Manuals Section under TC8300 Home Page
MC9300	MC930B-GSEDG4NA MC930B-GSEEG4NA MC930B-GSEGG4NA MC930B-GSEDG4RW MC930B-GSEEG4RW MC930B-GSEGG4RW MC930B-GSCDG4NA MC930B-GSCGG4NA MC930B-GSCEG4NA MC930B-GSADG4NA MC930B-GSAEG4NA MC930B-GSAGG4NA MC930B-GSCDG4RW MC930B-GSCGG4RW MC930B-GSCEG4RW MC930B-GSADG4RW MC930B-GSAEG4RW MC930B-GSAGG4RW	Visit Manuals Section under MC93 Home Page



Component Version

Functional Area	Versions
ActiveEdge	2.5.16
AnalyticsMgr	2.4.0.1140
Audio (Microphone and Speaker)	0.34.0.0
Battery Management	Version: 1.4.2
Bluetooth Pairing Utility	Version: 3.14
DataWedge	7.3.21
Device Central	2.1.0.9
Diagnostic Tool	1.17.0.9
EMDK	7.3.17.2317
Enterprise Keyboard	2.1.1.2
Fota	1.0.0.3
License Manager and License Agent	version 3.2.0 and version 3.2.0.3.2.0
MX	MXMF version:9.0.2.9
OSX	QCT.81.8.14.7
PTT Express	3.1.40
Rxlogger and RxLoggerUtility	Version 5.4.13.0 and Version 1.3.3.8
Scanning Framework	22.7.6.0
WorryFree Wifi Analyzer (WFW)	WFW_QA_2_3.4.0.002_O
StageNow	3.3.1.2000
WLAN	FUSION_QA_2_1.4.0.014_O
WWAN (Data & Voice)	Baseband Version: W190315A_3.1-00753
Zebra Data Service	3.5.0.1048
Zebra Volume Control (ZVC)	2.1.0.20
Zebra Folders	8.1

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