

Release Notes – Zebra Android Oreo 01-18-02.00-ON-U14-STD Release (AOSP)

Highlights

The details of the Android AOSP(NON-GMS) Oreo release 01-18-02.00-ON-U14-STD that covers family of products including TC5x, TC7x, PS20x. 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-ON-U14-STD.zip	CFE package update

Security Updates

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

LifeGuard Update 14:

- This LG patch is applicable for 01-18-02.00-ON-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-ON-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	X1-18-02.00-ON-U14-STD
Android Version	8.1.0
Security Patch level	June 1, 2019
Linux Kernel	4.4.78
Component Versions	Please see Component Version under Addendum section

Installation Requirement 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-ON-Uxx	<ol style="list-style-type: none"> 1. Apply Full Package Update HE_FULL_UPDATE_01-18-02.00-ON-U00-STD.ZIP 2. Apply Incremental Update HE_INCREMENTAL_UPDATE_01-18-02.00-ON-U14-STD.zip 	

01-13-20.00-ON-Uxx	<p>Option 1:</p> <ol style="list-style-type: none"> 1. Apply Delta Package Update HE_DELTA_UPDATE_01-13-20.00-ON_TO_01-18-02.U00-ON.ZIP 2. Apply Incremental Update HE_INCREMENTAL_UPDATE_01-18-02.00-ON-U14-STD.zip <p>Option 2:</p> <ol style="list-style-type: none"> 1. Full Package Update Apply HE_FULL_UPDATE_01-18-02.00-ON-U00-STD.ZIP 2. Apply Incremental Update HE_INCREMENTAL_UPDATE_01-18-02.00-ON-U14-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-ON-Uxx	<p>Apply Incremental Update HE_INCREMENTAL_UPDATE_01-18-02.00-ON-U14-STD.zip</p>	

Known Constraints

Below are Known Constraints and workaround if applicable.

- WiFi sleep policy set to “Always” (Android O limitation)
- 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	Product Specific Manual
TC52	TC520K-2PEZU4P-CN TC520K-2PEZU4P-CN TC520K-2HEZU4P-CN	Visit Manuals Section under TC52 Home Page
TC72	TC720L-0ME24B0-CN	Visit Manuals Section under TC72 Home Page
PS20	PS20J-B2G2CN00 PS20J-P4G2CN00	Visit Manuals Section under PS20 Home Page

TC77	TC77HL-52E24BD-CN	Visit Manuals Section under TC77 Home Page
TC57	TC57HO-2PEZU4P-CN	Visit Manuals Section under TC57 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	2.0.25.1
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_1.4.0.013_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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