

Zebra Device Tracker 5.3

Release Notes – June 2023

Highlights

Both the client and server must be upgraded to Device Tracker 5.3 to ensure compatibility of Device Tracker features.

- This release contains a suite of software that includes:
 - Device Tracker Cloud Server 5.3.1.248
 - Device Tracker Client APK v 5.3.001.1169
 - Enterprise Login Screen (ELS) APK v1.0.0.513 (pre-release version)
- Locate devices based on GPS coordinates
- Device assignment to site based on IP address range
- New SSO login screen and enhanced SSO support
- Enhancements to customize the End of Day snapshot email reports
- Enhancements to events report to analyze events and its details

Device Support

- **Device Tracker** - see supported devices for Device Tracker from the [Zebra Support Portal](#).
- **Enterprise Login Screen** – supported on a minimum set of BSP versions, see [Zebra Support Portal](#).

New Features

- Locate devices based on GPS coordinates and pinpoint its location on a map
- Automatic device assignment to a site based on a range of IP addresses (IPV4) when a device connects to the network
- New SSO login screen, aka Enterprise Login Screen (ELS), ensures secure device access by requiring user authentication and device checkout using SSO login credentials, enforcing accountability
- Device Tracker support for SSO OAuth 2.0 with client authentication type None with PKCE
- Device Tracker dashboard access based on SSO response parameters (such as Active Directory group name, job ID, and site location)
- Enhanced End of Day snapshot email report for administrators to customize reported data based on criteria selected
- Enhanced events report for administrators to analyze events and view event details
- Automatic clearing of the “To Be Found” status upon device checkout.
- API to integrate device check-in with a Line of Business (LOB) application to simplify the user device checkin workflow
- Automatically checkin devices after reaching the maximum checkout time. If a Snooze Time is specified, it extends the maximum checkout time to allow the user to complete their task.
- Register location friendly name for the Access Point (AP) with a wildcard. A wildcard character "*" is now acceptable for the last digit of the last octet of the MAC address to register multiple APs which share the same MAC address aside from the last digit.

- New feature for managers and admins to Play Sound through the device actions menu in the web portal.

Usage Notes

- In the web portal, if Checkin/Checkout is enabled the “Device Reboot” option must be selected as the Device Checkin Option.
 - In the web portal, the bypass passcode must not contain special characters, for example: = # { } [] : ; / \
- If the same SSO credentials are used to login to the web portal in separate web browser instances at the same time, when logging out of one instance it prevents the other instance from being operational.

Resolved Issues

- After a device is rebooted and then idle for a long period of time without being unlocked, the device may be shown as disconnected.
- Intermittently, a user may be unable to checkout a device by scanning a barcode.

Known Issues

- When accessing the SSO setting in the web portal, the Passcode section takes a few seconds to load the values.
- When a device is recommissioned (after being decommissioned), the device remains unassigned to a site (even if previously assigned to a site) until the user checks out the device through ELS.

Important Links

- [About Zebra Device Tracker](#)
- [Zebra Device Tracker Setup](#)
- [Zebra Device Tracker Licensing](#)

About Zebra Device Tracker

Device Tracker is a cloud-hosted software solution used to track Zebra Android mobile devices, find missing devices, and help prevent device inventory shrinkage. The Device Tracker Solution is comprised of:

Device Tracker Cloud Server that is Zebra managed. All devices deployed with the Device Tracker Client Software will communicate with and provide data to the server so that the Administrators, Site Managers, and Associates can manage the availability and accessibility of their devices.

Device Tracker Client Software that runs on all Zebra Android Mobile devices that are tracked. It enables the client device to send location updates to the Device Tracker cloud-server which enables finding lost devices by utilizing the BLE beaconing system and remote alarms on the lost device.



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