



# **Bulk Enrollment Android Zero-Touch**

Date: 22/03/2023



### 1- What is Android Enterprise zero-touch?

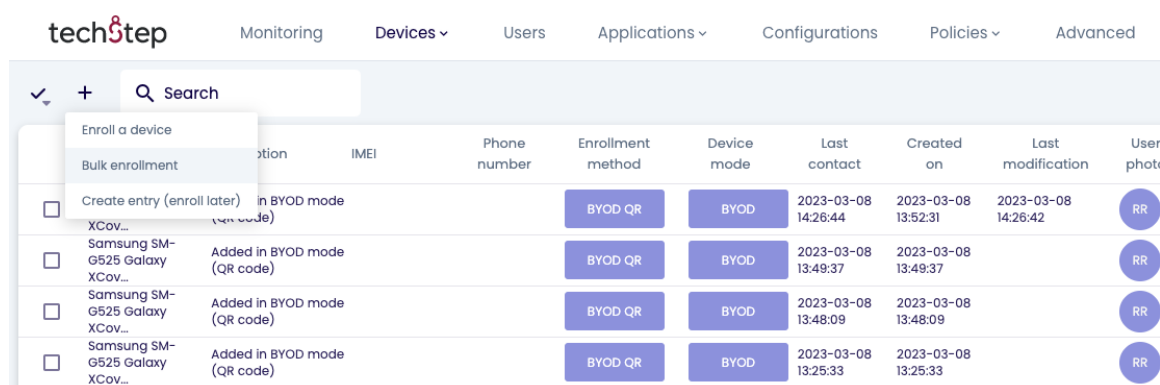
Android Enterprise zero-touch allows enterprise to enroll company's devices to an EMM system without a necessity of going through the manual enrollment procedure. Android Enterprise zero-touch integration with Essentials MDM gives a possibility to auto-enroll all devices with Android 8 and newer.

For more information visit Android Enterprise zero-touch page:

<https://www.android.com/enterprise/management/zero-touch/>

### 2- Adding zero-touch devices to Essentials MDM organization

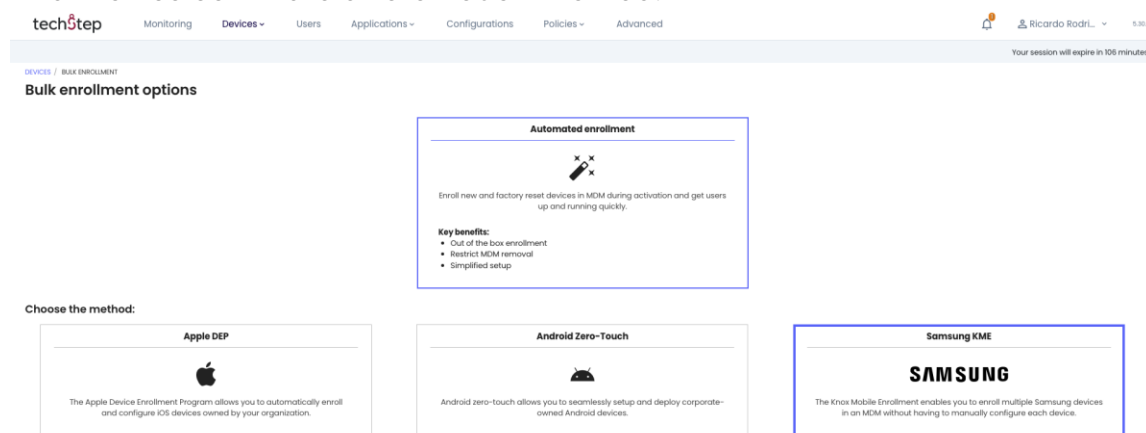
In order to start adding zero-touch devices to your Essentials MDM organization, you need to add your company zero-touch account to your Essentials MDM organization. You can do that using our bulk enrollment wizard in the devices view. When you logged in as administrator to your organization, go to the DEVICES tab, then hover over the + icon and choose Bulk enrollment.



The screenshot shows the 'techStep' interface with a navigation bar at the top containing 'Monitoring', 'Devices', 'Users', 'Applications', 'Configurations', 'Policies', and 'Advanced'. A dropdown menu is open under the 'Devices' tab, showing options: 'Enroll a device', 'Bulk enrollment', and 'Create entry (enroll later)'. The 'Bulk enrollment' option is highlighted. Below the menu, a table lists devices with columns: 'Enrollment method', 'Device mode', 'Last contact', 'Created on', 'Last modification', and 'User photo'. The table contains four rows of Samsung SM-G525 Galaxy devices, all with 'BYOD QR' enrollment method and 'BYOD' device mode.

	Enrollment method	Device mode	Last contact	Created on	Last modification	User photo
<input type="checkbox"/>	BYOD QR	BYOD	2023-03-08 14:26:44	2023-03-08 13:52:31	2023-03-08 14:26:42	RR
<input type="checkbox"/>	BYOD QR	BYOD	2023-03-08 13:49:37	2023-03-08 13:49:37		RR
<input type="checkbox"/>	BYOD QR	BYOD	2023-03-08 13:48:09	2023-03-08 13:48:09		RR
<input type="checkbox"/>	BYOD QR	BYOD	2023-03-08 13:25:33	2023-03-08 13:25:33		RR

And then select Android zero-touch method:



The screenshot shows the 'Bulk enrollment options' screen in the 'techStep' interface. It features three main sections: 'Automated enrollment' at the top, and 'Choose the method:' at the bottom with three options: 'Apple DEP', 'Android Zero-Touch', and 'Samsung KME'. The 'Samsung KME' option is highlighted with a blue border. The 'Automated enrollment' section includes a description and key benefits: 'Out of the box enrollment', 'Restrict MDM removal', and 'Simplified setup'.

**Automated enrollment**

Enroll new and factory reset devices in MDM during activation and get users up and running quickly.

**Key benefits:**

- Out of the box enrollment
- Restrict MDM removal
- Simplified setup

**Choose the method:**

**Apple DEP**

The Apple Device Enrollment Program allows you to automatically enroll and configure iOS devices owned by your organization.

**Android Zero-Touch**

Android zero-touch allows you to seamlessly setup and deploy corporate-owned Android devices.

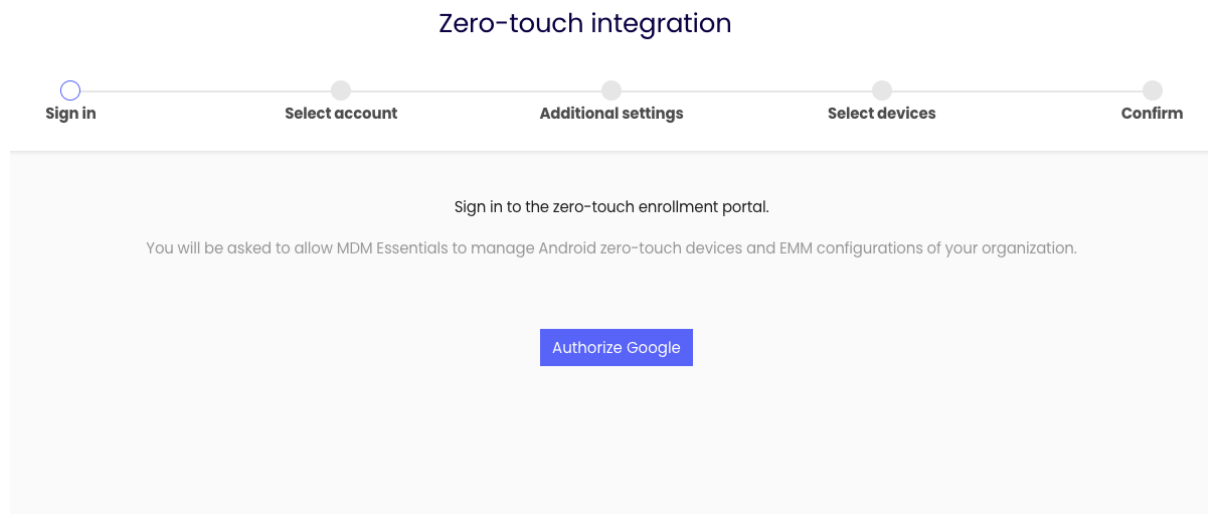
**Samsung KME**

**SAMSUNG**

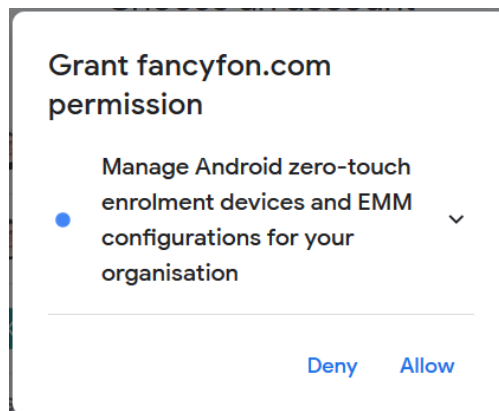
The Knox Mobile Enrollment enables you to enroll multiple Samsung devices in an MDM without having to manually configure each device.

## Bulk Enrollment Android Zero-Touch

To add new zero-touch integration, use Start now button. It will open a modal that will guide you through the authorization process. Choose Authorize Google:



Log in with your zero-touch administrator account and grant appropriate permissions to Essentials MDM:



Once successfully authorized, Essentials MDM will be able to manage your zero-touch integration. From the dropdown list choose the desired zero-touch account to integrate with (if your administrator account is connected with more than one company at zero-touch console). Then choose the default user of the devices at Essentials MDM and assign Device Groups. You can also decide if you wish to demand credentials from user for enrollment. There is also a possibility to enroll devices in BYOD mode (in that mode only Work Profile part of the device is managed by the Essentials MDM administrator).

## Bulk Enrollment Android Zero-Touch

Zero-touch integration ×

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Sign in    Select account    Additional settings    Select devices    Confirm

Select zero-touch account to be integrated with MDM Essentials

**Account name**  
Techstep Lab

**Admin email** ⓘ

**Default user of imported devices**  
Rodriguez Ricardo (ricardo.rodriguez@techstep.io)

**Enrollment method**

Fully managed device (COBO)

Corporate-owned device with work profile (WPC)

Dedicated device (COSU)

Shared device BETA

**Authentication method** ⓘ

No authentication

User credentials

Enrollment code

**Device groups**  
Select group

Next

On the next screen, provide your company details that will be presented to the user, during the device enrollment process:

Zero-touch integration ×

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Sign in    Select account    Additional settings    Select devices    Confirm

**Client name**  
Techstep AS

**Support phone number**  
+4723172350

**Support email address**  
support@techstepdemo.com

**Additional information**  
Essentials

This device is managed.

Techstep AS has configured this device to be fully managed. If you believe this is an error, please contact them through the following means:

📞 +4723172350

@ support@techstepdemo.com

**Message from Techstep AS**

Essentials

**Device information**

...

Back    Next

Finally, select the device that you want to import to Essentials. You can select required devices manually or choose Autoimport option that will periodically (30 min interval) synchronize new devices from zero-touch to Essentials MDM. If you wish to demand user authorization for enrollment for a specific device select option Require credentials.

The device can be in one of the 3 states, based on it's zero-touch configuration assignment:

## Bulk Enrollment Android Zero-Touch

1. UNASSIGNED – the device has no zero-touch configuration (and will receive one if selected, or if autoimport is chosen)
2. CURRENT – the device has current zero-touch configuration assigned (and will not receive a new configuration during synchronizations)
3. OTHER – the device has already assigned a different EMM zero-touch configuration. By default it will not receive new zero-touch profile during autoimport. To override other EMM profile you must select the required devices on this step.

Zero-touch integration x

Select the devices to import or let MDM Essentials auto-import all unassigned devices

If you have devices assigned to other EMM configurations, you must select them manually to import them

Auto-import ☐ Select all (4) ☐ < >

	IMEI	Device vendor	Serial number	Authentication method	Enroll into WPC mode	Enroll into COSU	Enroll into Shared devi...	Status
<input type="checkbox"/>	8672	5		Default	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	OTHER
<input type="checkbox"/>	3542	9		Default	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	OTHER
<input type="checkbox"/>	3542	7		Default	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	OTHER
<input type="checkbox"/>	863	2		Default	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	OTHER

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Once you've selected your configuration, click Synchronize to add the devices to your Essentials MDM account. It will redirect you to the summary screen.

Zero-touch integration

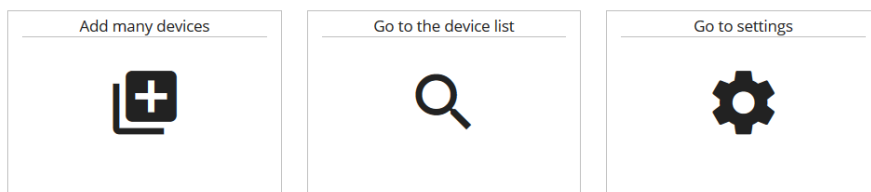
Make sure synchronization details are correct and proceed by clicking Synchronize button

Devices to import: 0  
Devices to detach: 0

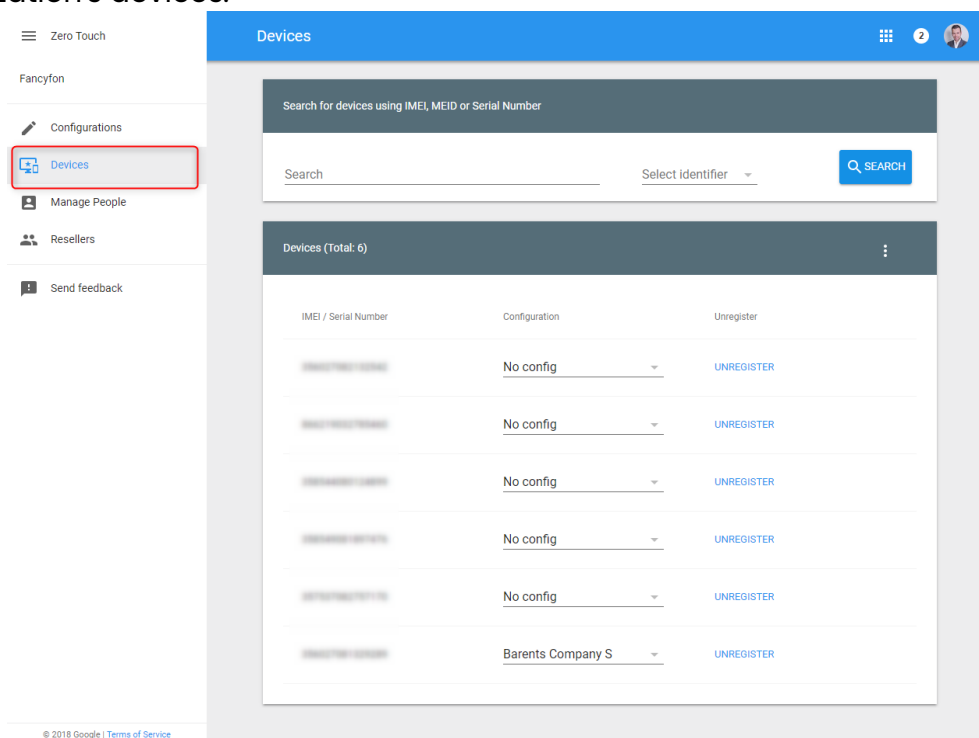
[Back](#) [Synchronize](#)



What do you want to do next?



Go to the Zero-Touch portal in your browser and log in to your account (<https://partner.android.com/zerotouch>). Go to the tab: Devices. You'll see your organization's devices.



The Available devices provides you with information: number of successfully imported devices / number of selected devices. In case of any problems with import go and see system log for more details.

Once the synchronization is complete - you're all set! The devices will enroll to Essentials MDM once turned on.