



Techstep Essentials MDM

Adding device – Android BYOD

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Adding an Android device to Essentials MDM in BYOD mode

The device management mode with Work Profile allows you to:

- a. add a private employee's device that will also serve as a work device (BYOD). The advantage of this solution is that the device does not have to be restored to factory settings, and the employee can use a phone that he knows well and does not have to learn to use it.
- b. adding a work device, but with a dedicated part for private data (WPC). In this case, the device must be either new or restored to factory settings

Regardless of the selected mode above, a Work Profile will be created on such a device, which will be managed from the Essentials MDM manage console and is dedicated to data, accounts and work applications. At the same time, the private part of the device will not be subject to control, so that the user can be confident about the privacy and security of personal data stored on the device.

Essentials MDM offers an easy registration wizard that allows you to quickly and easily add a new device to the system with a Work Profile. This feature allows you to register a single device in different ways: email, SMS or QR code.

To facilitate the use of this mode - beside downloading APK file directly from the Essentials manage server - it is possible to install the Essentials MDM Base Agent from the Google Play store. This will download and install the fully configured agent on the device. Installing from within the store means that you won't need to enable installation from unknown sources on your device, making the process faster and more secure. To set this option, enter the organization's settings, and then select ***Enable Base Agent installation via Google Play.***

The screenshot shows the Techstep Essentials MDM dashboard. The top navigation bar includes 'techStep', 'Monitoring', 'Devices', 'Users', 'Applications', 'Configurations', 'Policies', and 'Advanced'. The user 'Ricardo Rodriguez' is logged in. The left sidebar shows a list of categories: Details, Users & authentication, Apple, Android, Notifications, and Groups. The main content area displays the 'General' settings for a device profile. The settings include: Language (English), Country (Norway), Phone (No value), Email (No value), Session Timeout (120 minutes), App Store / Google Play app synchronization interval (Not set), SafetyNet API key (No value), and Enable Base agent installation via Google Play (toggle on). A summary box on the right indicates 9 managed devices, a device limit of 50, and validity until no limit.

Setting	Value
Language	English
Country	Norway
Phone	No value
Email	No value
Session Timeout	120 minutes
App Store / Google Play app synchronization interval	Not set
SafetyNet API key	No value
Enable Base agent installation via Google Play	On

Adding a device

To add a device (BYOD) to the system, hover over the + button in the **DEVICES** tab and choose the 'Enroll a device' option.

The screenshot shows the Techstep Essentials MDM dashboard with the 'DEVICES' tab selected. A dropdown menu is open from the '+' button, showing options: 'Enroll a device', 'Bulk enrollment', and 'Create entry (enroll later)'. The 'Enroll a device' option is selected. The main content area displays a table of devices with columns: IMEI, Phone number, Enrollment method, Device mode, Last contact, and Created on. The table shows one device with IMEI 355808981283101, Phone number WPC QR, Device mode WPC, Last contact 2023-02-27 09:47:33, and Created on 2023-02-21 13:05:54.

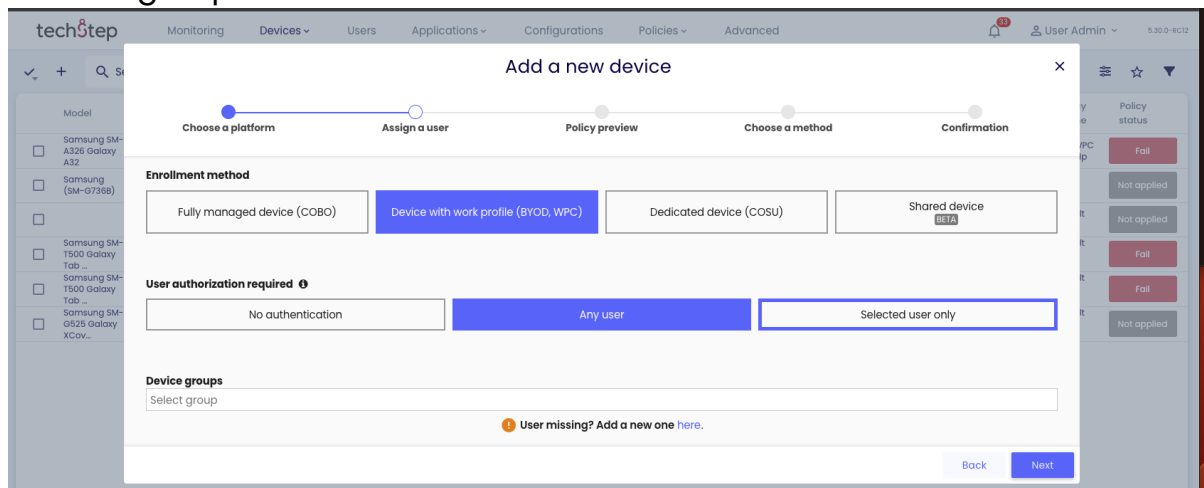
IMEI	Phone number	Enrollment method	Device mode	Last contact	Created on
355808981283101	WPC QR	WPC	WPC	2023-02-27 09:47:33	2023-02-21 13:05:54

A step-by-step modal window will appear and guide you through the enrollment process.

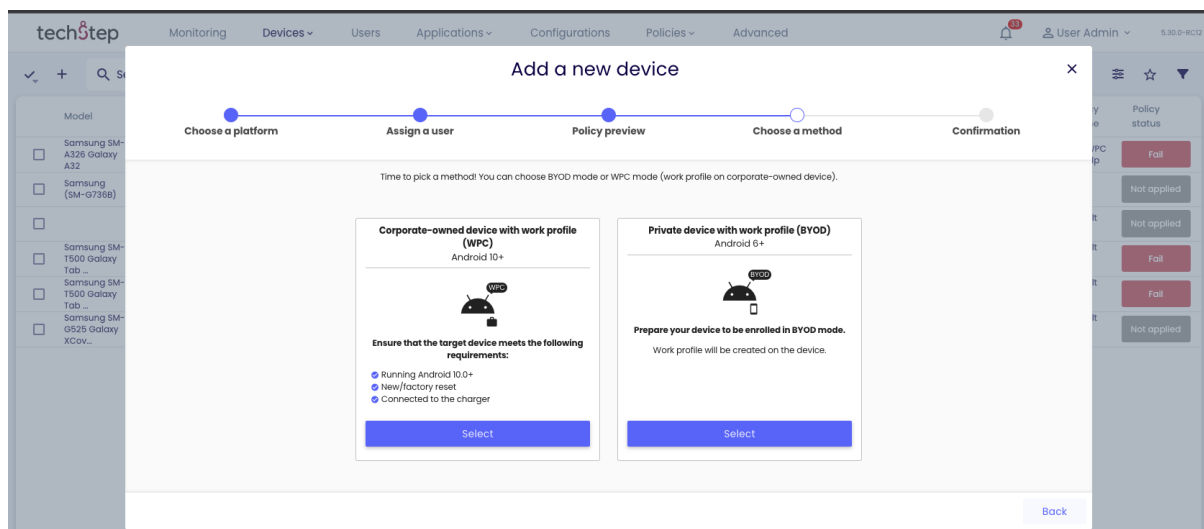
First, choose a platform. You can choose between Android, Apple or other devices (eg Windows). In this case, we will choose Android.

The screenshot shows the 'Add a new device' modal window. The modal has a progress bar with five steps: 'Choose a platform', 'Assign a user', 'Policy preview', 'Choose a method', and 'Confirmation'. The 'Choose a platform' step is currently active. Below the progress bar, there are three options: 'Android', 'Apple', and 'Other'. The 'Android' option is selected, and the text 'Add Android device' is displayed below it. The 'Apple' option shows 'Add Apple device' and the 'Other' option shows 'Add other device'.

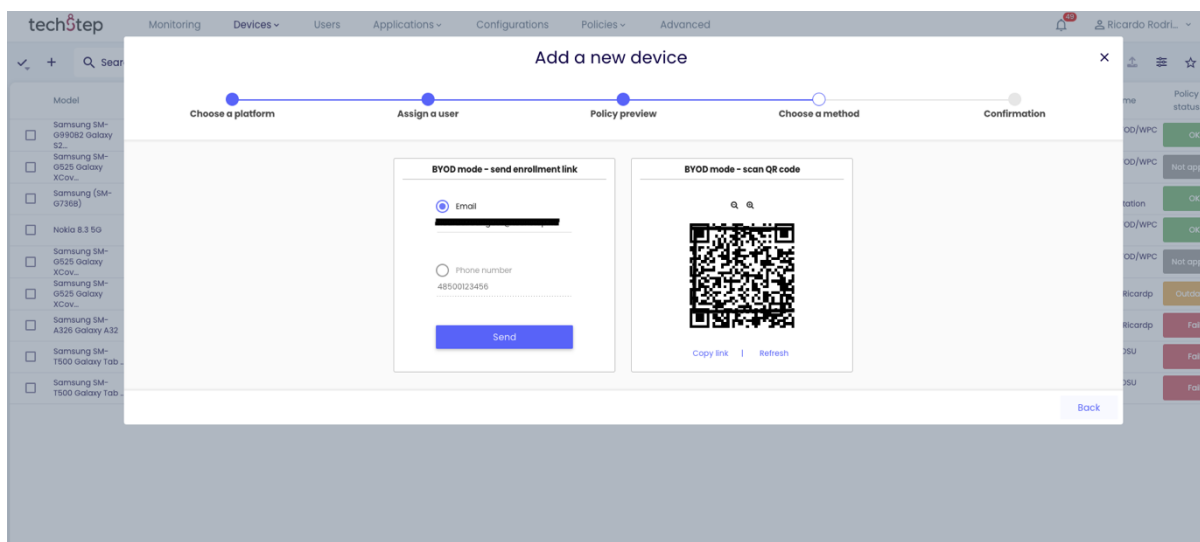
In the second step, select enrollment method – BYOD/WPC to register a device with a work profile. Depending on the method chosen, an appropriate policy will be assigned and shown on the next steps. You can also select if there will be user authentication required. You can also add “Device groups if desired.



In the next step select Private device with work profile (BYOD) as a method for enrollment.



In the next step, the QR code for enrollment will be shown and you can choose if you want to send this QR code as an email or as a SMS.



A link to the registration page can be sent to the user's email address or via SMS. Note: To use the SMS option, you must have an SMS gateway installed.

Scanning the QR code

To do this, use the device's built-in camera or downloaded external application that allows you to read and open the QR code. The app should be set to automatically open links. Otherwise, the QR code may be deemed to have been used before being opened in a web browser.

Regardless of the chosen method, you will be redirected to:

- a. home page where you can download the Essentials MDM Base Agent
- b. Google Play store where you should download the agent like any application and run it (if the option Enable Base Agent installation via Google Play has been selected in the settings)

After downloading the Base Agent file, a new device record will be created automatically in the system and the device will be assigned to the currently logged in user.