techstep

Techstep Essentials MDM

Adding device – Android BYOD

Date: 07/03/2023

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**.

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.

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.

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.
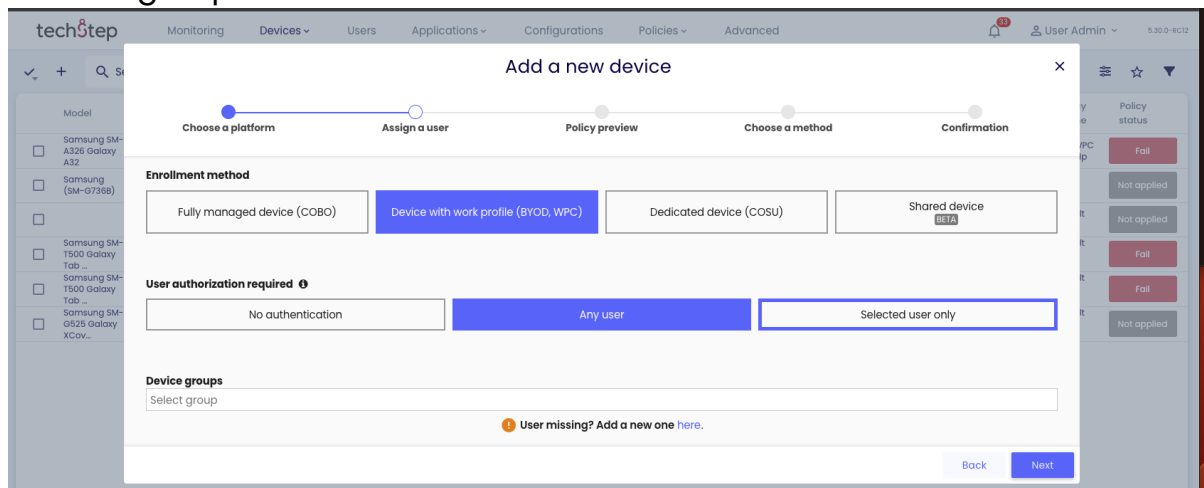
In the next step select Private device with work profile (BYOD) as a method for enrollment.
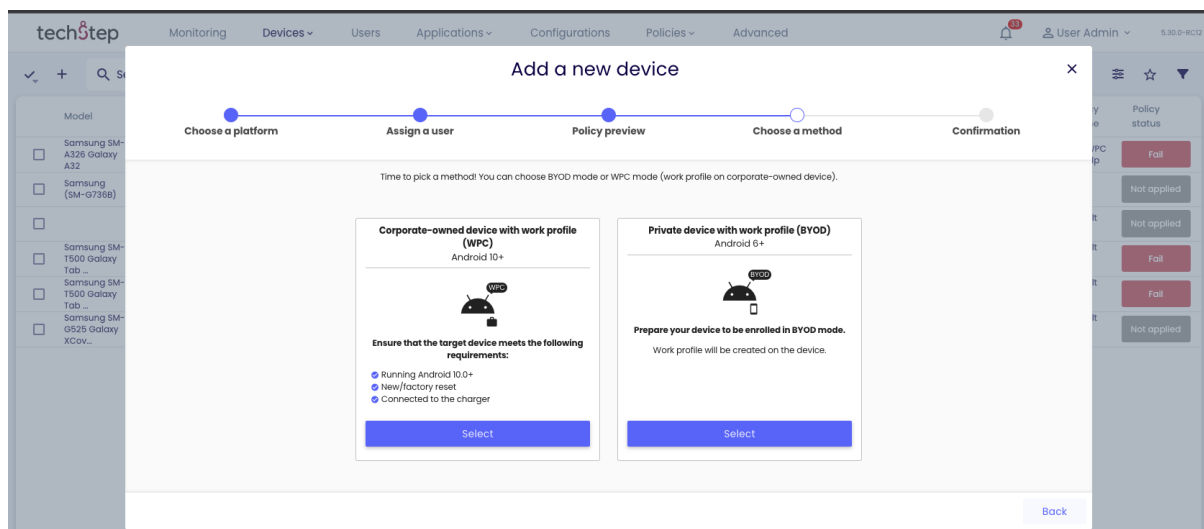
In the next step, the QR code for enrollment will be shown and you can choose if you want to send this QR code as an email or as a SMS.
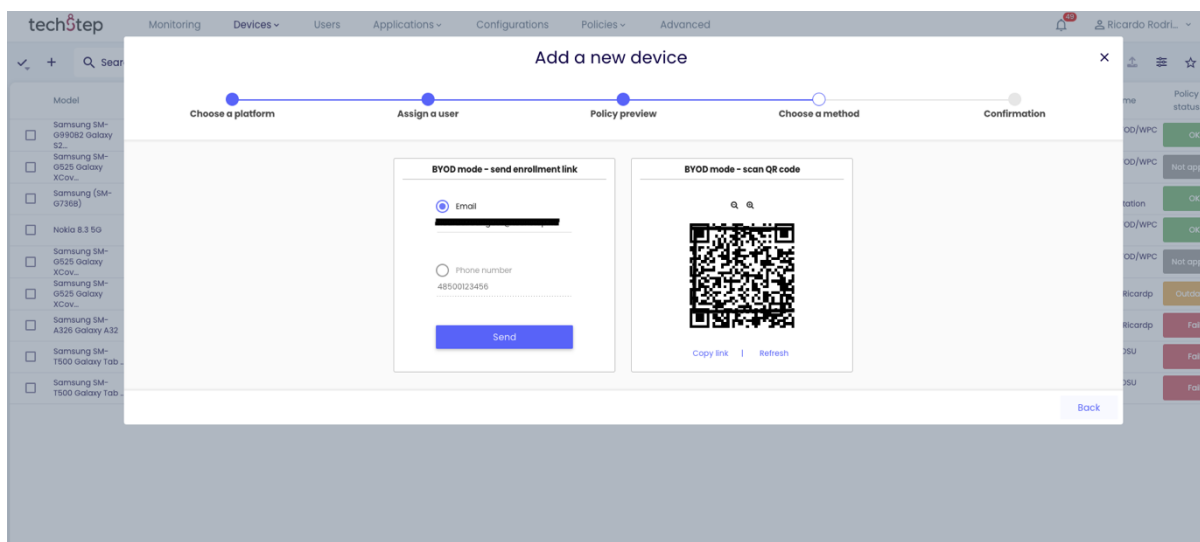
A link to the registration page can be sent to the user's email address or via SMS. Note: To use the SMS option, you must have an SMS gateway installed.

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.