



Techstep

Essentials MDM

Apple DEP

Date: 01/03/2023



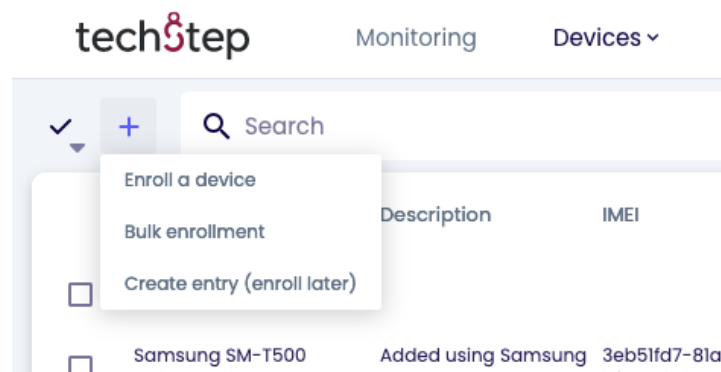
Synchronization with Apple Device Enrolment Program provides a fast and easy way to deploy MDM profile on your corporate iOS devices.

For more info about DEP, please refer to Apple documentation at:

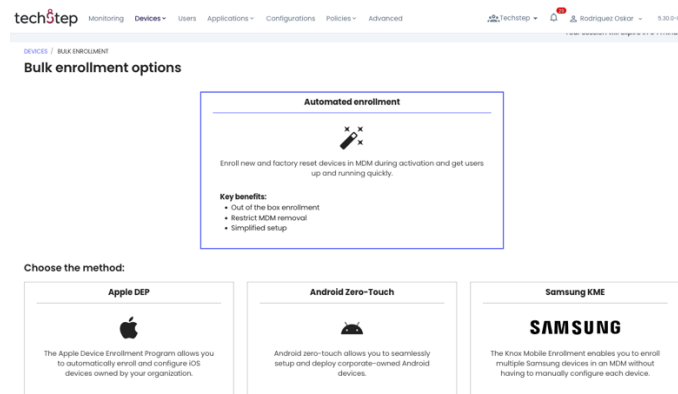
https://www.apple.com/business/docs/site/Apple_Business_Manager_Getting_Started_Guide.pdf

Connecting DEP account with Essentials MDM

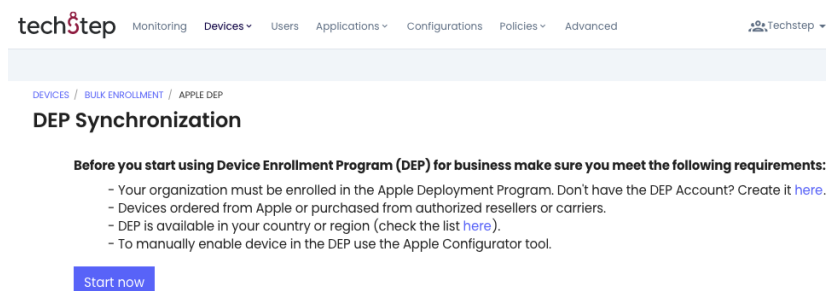
To configure DEP enrolment in ESSENTIALS MDM, go to DEVICES and select BULK ENROLLMENT.



Then choose the Apple DEP method.



Then click Start now.



DEP Synchronization

Before you start using Device Enrollment Program (DEP) for business make sure you meet the following requirements:

- Your organization must be enrolled in the Apple Deployment Program. Don't have the DEP Account? Create it [here](#).
- Devices ordered from Apple or purchased from authorized resellers or carriers.
- DEP is available in your country or region (check the list [here](#)).
- To manually enable device in the DEP use the Apple Configurator tool.

Start now

In the first step download the Essentials MDM DEP public key and click Next.

Sync with Apple DEP


×

○ Get public key

● Go to DEP

● Sync

Download your MDM Essentials DEP Public Key.

Get public key 

Next

Once you have downloaded the key go to DEP portal and follow the instructions on screen.

Sync with Apple DEP

×

● Get public key

○ Go to DEP

● Sync

Sign in to the Apple Device Enrollment Program portal (Business) with your corporate Apple ID.

Go to DEP portal

1. Create a new virtual MDM server by clicking Add MDM Server.
2. Create a MDM Server Name, then click Choose File... and upload your Public Key (Downloaded in step 1).
3. Download DEP Token file generated by Apple.

BackNext

Login to the Apple portal using your Apple ID.

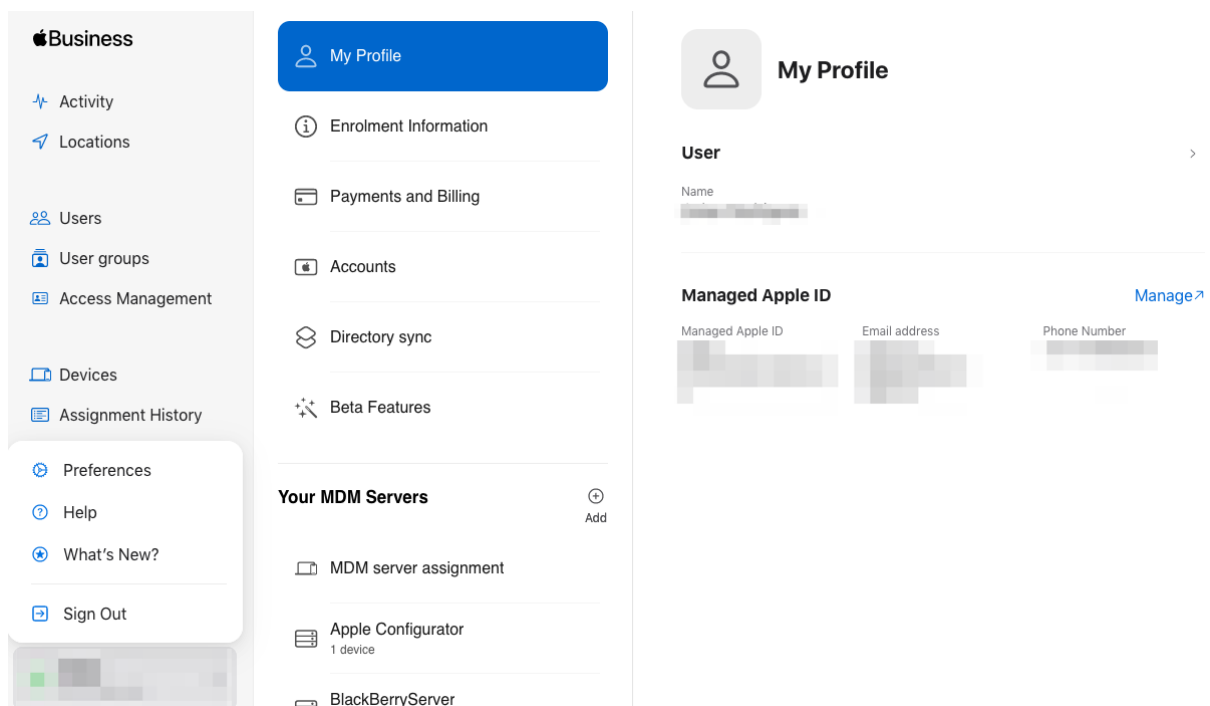


☐ Remember me

[Forgotten your Managed Apple ID or password?](#)

Not an Apple Business yet? [Enrol now.](#)

Click your name in the left bottom -> Preferences and click Add next to "Your MDM Servers"



Provide the name of the server, upload the public key downloaded from Essentials MDM and click Save.



Untitled MDM Server

MDM Server Information

MDM Server Name

Essentials MDM

☒ Allow this MDM Server to release devices. [Learn More](#)

MDM Server Settings

Upload public key

Choose File...

No file selected

Generate New Server Token

You can download the server token after saving. After generating and downloading a new token, you must install this new token on your MDM server.

Save

Then download the token.

Show Devices

Download Token

Delete

Essentials MDM**MDM Server Information** Edit

Never Connected

Created By

Created On
20/02/2023, 10:35

Default Device Assignment
None [Change...](#)

Upload the Token to Essentials MDM and click configure.

Sync with Apple DEP ×

●

●

●

Get public key

Go to DEP

Sync

DEP account name	Essentials MDM
Admin ID	<div></div>
Available devices	0

Configure

In Essentials MDM DEP settings select the default user. Setup device synchronization interval and press Save.

After configuration is saved, Start initial synchronization to synchronize all currently assigned devices on virtual MDM server. Essentials MDM synchronizes devices as planned.

Initial synchronization button is now replaced by Force synchronization button to run device synchronization.

Available options in DEP synchronization

General

User settings

Make devices ready for use in your organization.

☐ Allow MDM removal by user

Authorization

☐ Authentication by enrollment code ⓘ

☒ Require user credentials for enrollment ⓘ

☐ Basic authorization ⓘ

☐ Selected user only

Default user of the device

User Techstep (techstep)

User missing? Add a new one [here](#).

Enrollment setup

☐ Require admin approval before enrolling a device ⓘ

Organization info

This information is presented to the user of the device during the initial setup.

Department

Support phone number

Support email address

General	
Allow MDM removal by user	If checked, the MDM profile can be removed by the user.
Authentication by enrollment code	To add an additional level of verification, you can use the 'Authentication by enrollment code' option. This means that the user will have to enter upon registration a unique code assigned to a given user. If you check this option you will be able to adjust the code requirements in the organization settings.

Require user credentials for enrollment	If checked, the user will have to provide credentials during enrollment. The user can log in with the login data to Essentials MDM or (if configured in the organization settings) with the data of any SSO service based on the SAML protocol
Basic authorization	If checked, the user can only log in with the Essentials MDM console login credentials.
Default user of the device	Select the default user of the device.
Require admin approval before enrolling a device	If checked, the admin will have to approve a device during enrollment.
Department	MDM profile information: department.
Support phone number	MDM profile information: support phone number.
Support email address	MDM profile information: support email address
Startup settings	Here you can decide which panels will be skipped during the initial setup

Startup settings

Decide which screens will be skipped during the initial setup.

☐ Skip all startup screens

☐ Enter Password
 ☐ Restoring from backup
 ☐ Terms and Condition
 ☐ Apple Pay
 ☐ Move from Android
 ☐ Sending diagnostic information
 ☐ Privacy
 ☐ Button sensitivity (iOS)
 ☐ Onboarding (iOS)
 ☐ Screen Time (iOS)
 ☐ Software update (iOS)
 ☐ FileVault (macOS)
 ☐ iCloud Drive (macOS)
 ☐ Screensaver (tvOS)
 ☐ Home screen layout sync (tvOS)
 ☐ TV Room (tvOS)

☐ Location Services
 ☐ Apple ID and iCloud
 ☐ Touch ID
 ☐ Display Zoom
 ☐ Siri
 ☐ Display tone
 ☐ SIM setup
 ☐ iMessage and FaceTime (iOS)
 ☐ Screen for watch migration (iOS)
 ☐ AppStore (iOS)
 ☐ Interface appearance (macOS)
 ☐ iCloud Analytics (macOS)
 ☐ Registration (macOS)
 ☐ Tap To Set Up (tvOS)
 ☐ TV provider sign in (tvOS)

Accounts setup (macOS)

Accounts setup (macOS)

Accounts setup

Configure automatic accounts creation during the system installation for macOS 10.15+ (Catalina).

☐ Enable macOS accounts setup

Active Directory

Configure AD parameters. They will be used during device enrollment.

☐ Enable AD

Configure automatic accounts creation during system installation for macOS 10.15+ (Catalina)	<p>Here you can configure the configuration screen displayed during system installation</p> <p>Settings available:</p> <ul style="list-style-type: none">○ Skip primary account setup screen○ Give administrator rights automatically○ Disable modification of primary account during system installation○ Short account name (enter manually or get from the user field)○ Full account name (enter manually or get from user field)○ Create admin account
Active Directory	<p>Here you can enter Active Directory data that will be used during account setup</p> <ul style="list-style-type: none">○ Host name○ Login○ Password

You can always change the above options. To do this, go back to the Bulk enrollment section, select Apple DEP and then click the three dots icon next to the selected DEP account and select Edit.

Start now

Existing DEP Accounts

DEP account name	Admin ID	Server token e...	Last synchroni...	Managed...	Status	Acti...
Essentials MDM	adminoskar@techde...			0 / 0		

- Edit
- Delete
- Stop synchronization
- Restart synchronization
- Synchronize now
- Renew token