



androidone

Android enterprise

Fully managed work profile enrolment
NFC provisioning



MobileIron Core



Android 8.x



Stock UI

March 2018

Enterprise Mobility documentation by baytun

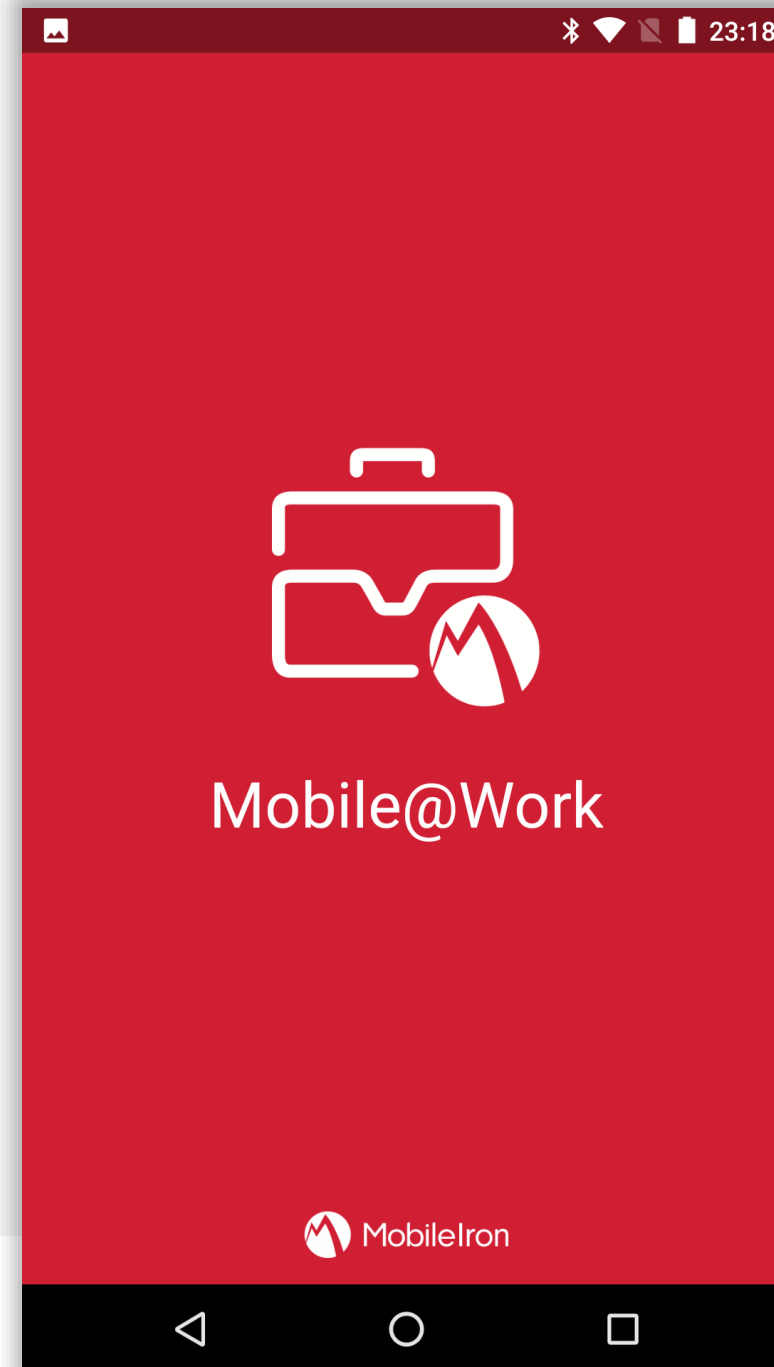


Requirements

In order to proceed, you must have:

- Android 8.0 or later installed on the devices to be provisioned.
- A spare device with NFC to “bump” the devices to be provisioned.
- NFC functionality enabled out of the box for devices to be provisioned.
- A functional MobileIron EMM solution in place.
- Android enterprise fully configured on your EMM platform.

NFC provisioning is the earliest form of Android enterprise Work-Managed enrolment and cannot be done remotely. Consider as an alternative QR enrolment or zero-touch enrolment; these do allow enrolment remotely.





Configure the provisioner

The provisioner app must be installed on a spare device that is not going to be enrolled onto the EMM platform.

Once downloaded from [Google Play](https://play.google.com/store/apps/details?id=com.bayton.provisioner), open the Provisioner app, then set the following:

- App for Provisioning (Mobile@Work).
- WiFi SSID.
- WiFi Security Type.
- WiFi Password.

All of these fields are mandatory, the time zone and locale are normally automatically set. Optionally, the Core URL and username may be added also.

Tap **CONTINUE** to begin the provisioning process.

The screenshot shows the Provisioner app interface on a mobile device. At the top, the status bar displays icons for signal, Wi-Fi, battery (35%), and time (19:46). The app title "Provisioner" is in a red header bar. Below the header, a message states: "Provision work managed devices using NFC or QR code: fill out the information below to prepare this device to be the provisioner." The setup fields are as follows:

- Provisioning Method:** NFC
- App For Provisioning:** Mobile@Work (with a briefcase icon)
- Time Zone:** GMT+00:00 Greenwich Mean Time
- Locale:** English (United Kingdom)
- Enable All System Apps:** Checked (indicated by a red checkmark icon)
- Wi-Fi Details:**
 - Wi-Fi Network SSID:** BAYTONET
 - Wi-Fi Security Type:** WPA
 - Wi-Fi Password:** Masked with dots and a visibility toggle icon.
- For Bulk Enrollment:**
 - Hostname:** beta.core.bayton.org
 - Username:** (field is empty)

A red "CONTINUE" button is located at the bottom right of the screen.

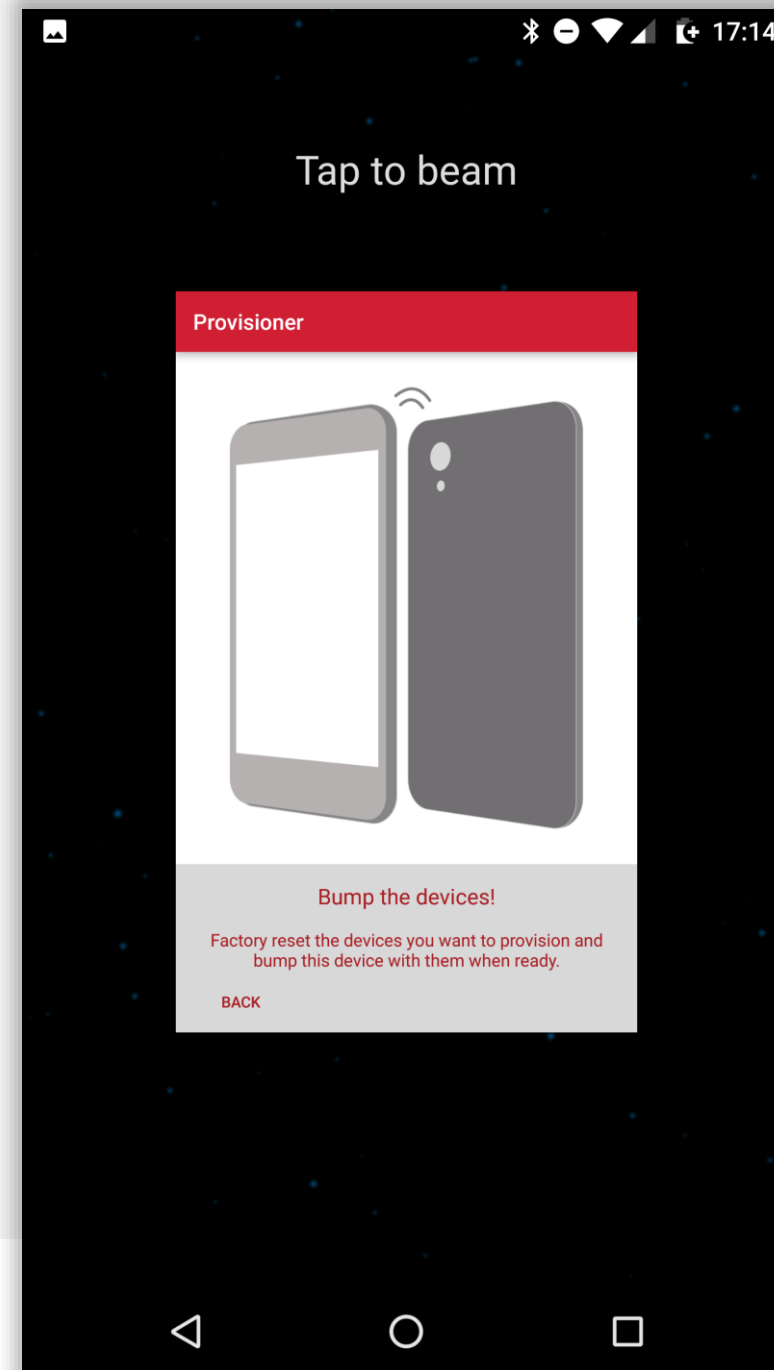


Bump the devices

Locate the NFC radios on both the provisioning device and the device to be provisioned.

Touch the two devices together until a sound is heard and an animation played on the provisioning device. The device to be provisioned should also indicate a successful connection has been made.

Tap the screen on the provisioning device in order to transmit the NFC payload.





Begin provisioning

Once the NFC payload has been transmitted, the device being provisioned will display a prompt with an overview of terms of management.

You must accept the device being managed by the organisation in order to begin provisioning.

Tap **ACCEPT & CONTINUE** to proceed.



Set up your device

This device will be managed and kept secure by your organisation. Terms from Google will apply. [View terms](#)

ACCEPT & CONTINUE





The device will provision

The device will attempt to connect to the WiFi network provided in the NFC payload and begin the provisioning process.

This may take a few minutes.



Set up work device

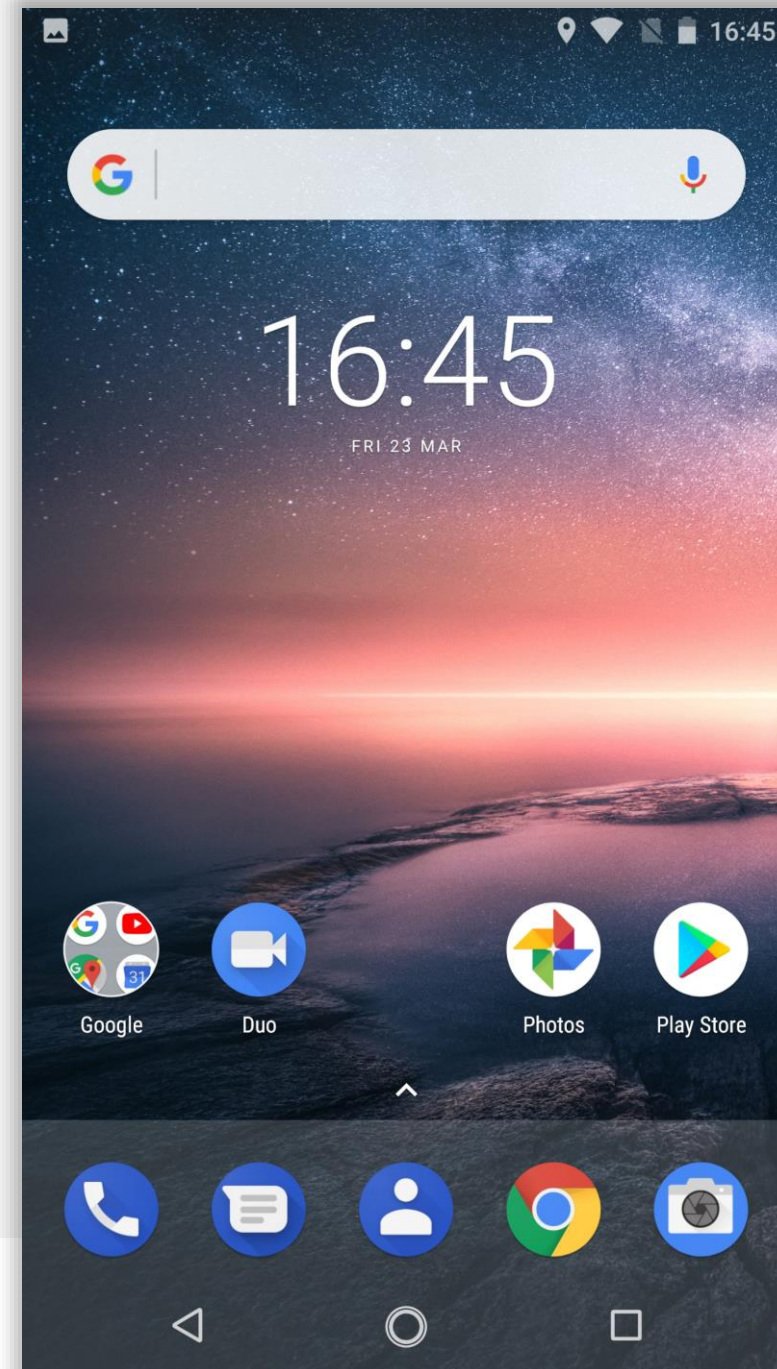




Provisioning complete

Shortly after Android enterprise provisioning is complete, the DPC will automatically launch and begin enrolment.

There is no need to manually open the DPC from the home screen.






Begin enrolment

Input your email address (or switch to server URL if required).
Tap NEXT.

Note: This may be skipped if you've configured DPC extras to pre-fill the URL.



10:44

Get Ready for Work with MobileIron

To configure and secure your device, enter your company email

COMPANY EMAIL

Email

Or register with server URL

NEXT



Continue enrolment

Once your account has been found and validated, you'll be prompted for your password, PIN or both.

Enter the required fields and tap **SIGN IN**.

10:46

COMPANY EMAIL

jason@bayton.org

PASSWORD

Password

SIGN IN

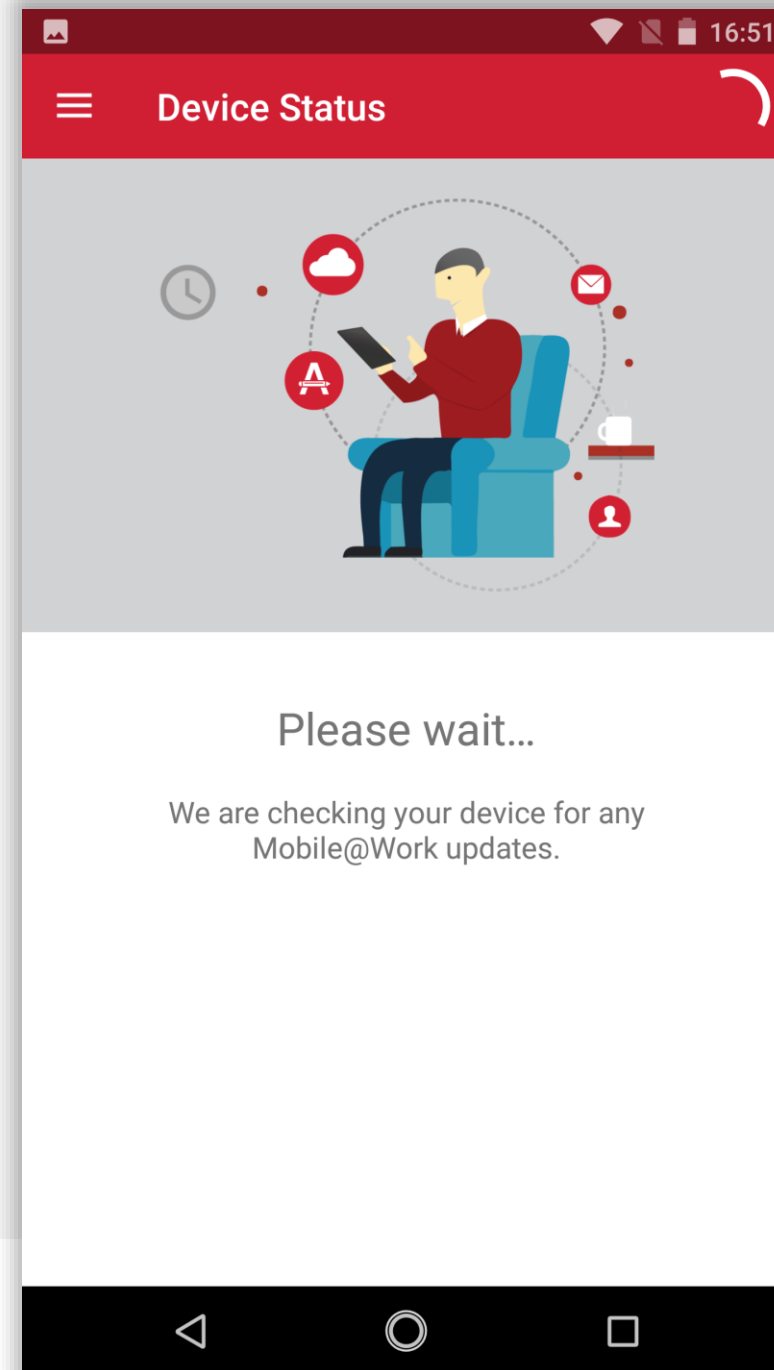
1 2 3 4 5 6 7 8 9 0
q w e r t y u i o p
a s d f g h j k l
↑ z x c v b n m ✕
?123 , . ✓

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Device configuration

The DPC will now configure the device, bringing down the relevant policies and configurations.



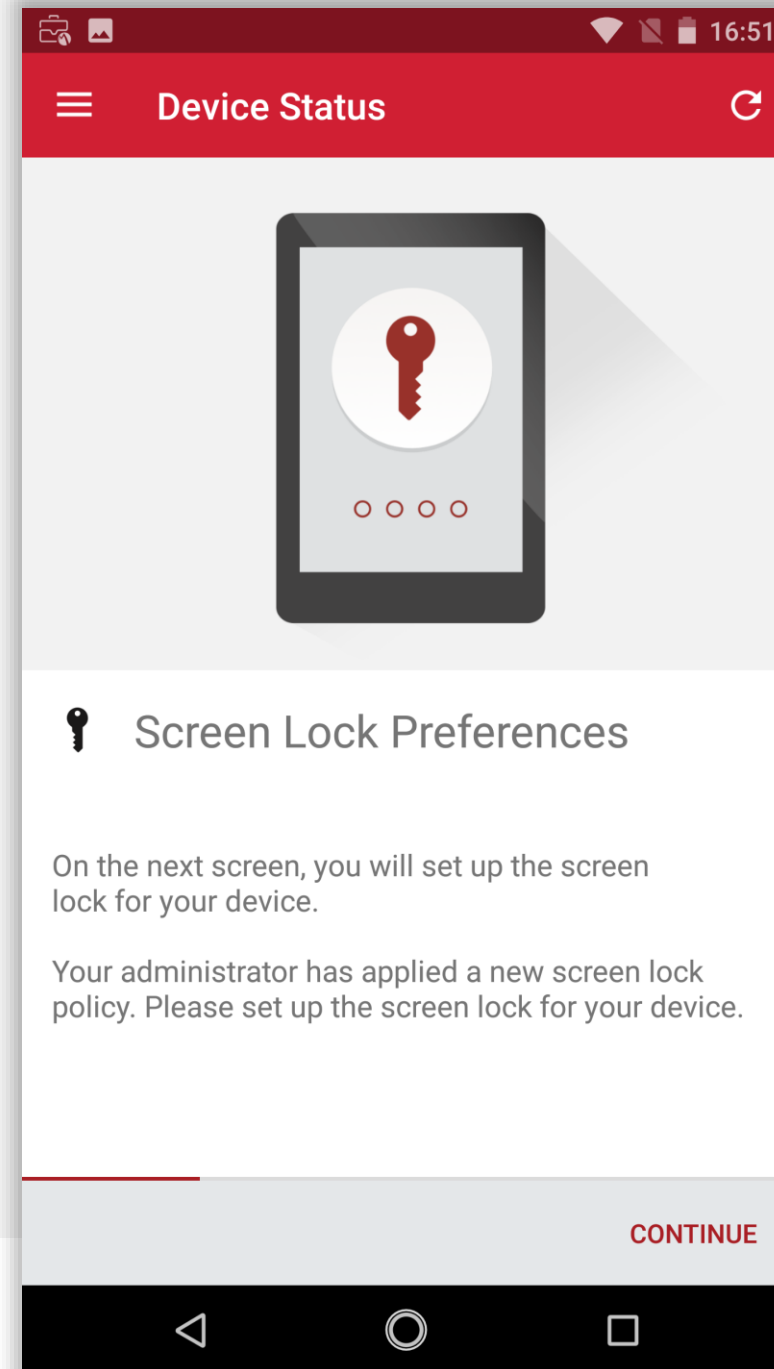


Device configuration

If the relevant security policy has been deployed, a passcode will be required.

The type of passcode mandated may not be a PIN as depicted in the following steps. The process however is similar for all alpha/numeric passcode options.

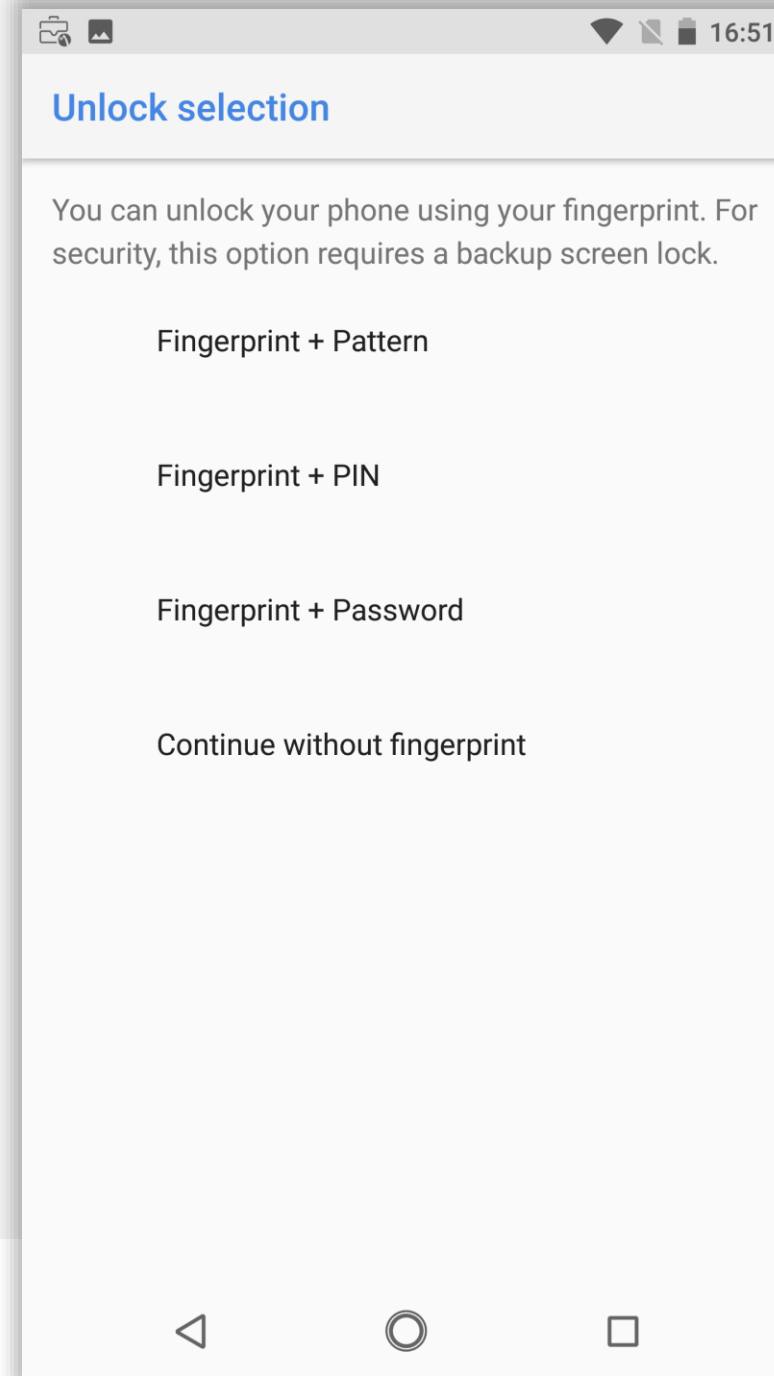
Tap **CONTINUE**.





Device configuration

Select the relevant passcode, or skip fingerprint setup here and select a passcode on the following prompt, some options may not be available depending on the security policy deployed.





Device configuration

Input a PIN (or other passcode type) and tap **CONTINUE**.
Repeat to confirm.

Choose your PIN

PIN must be at least 4 digits

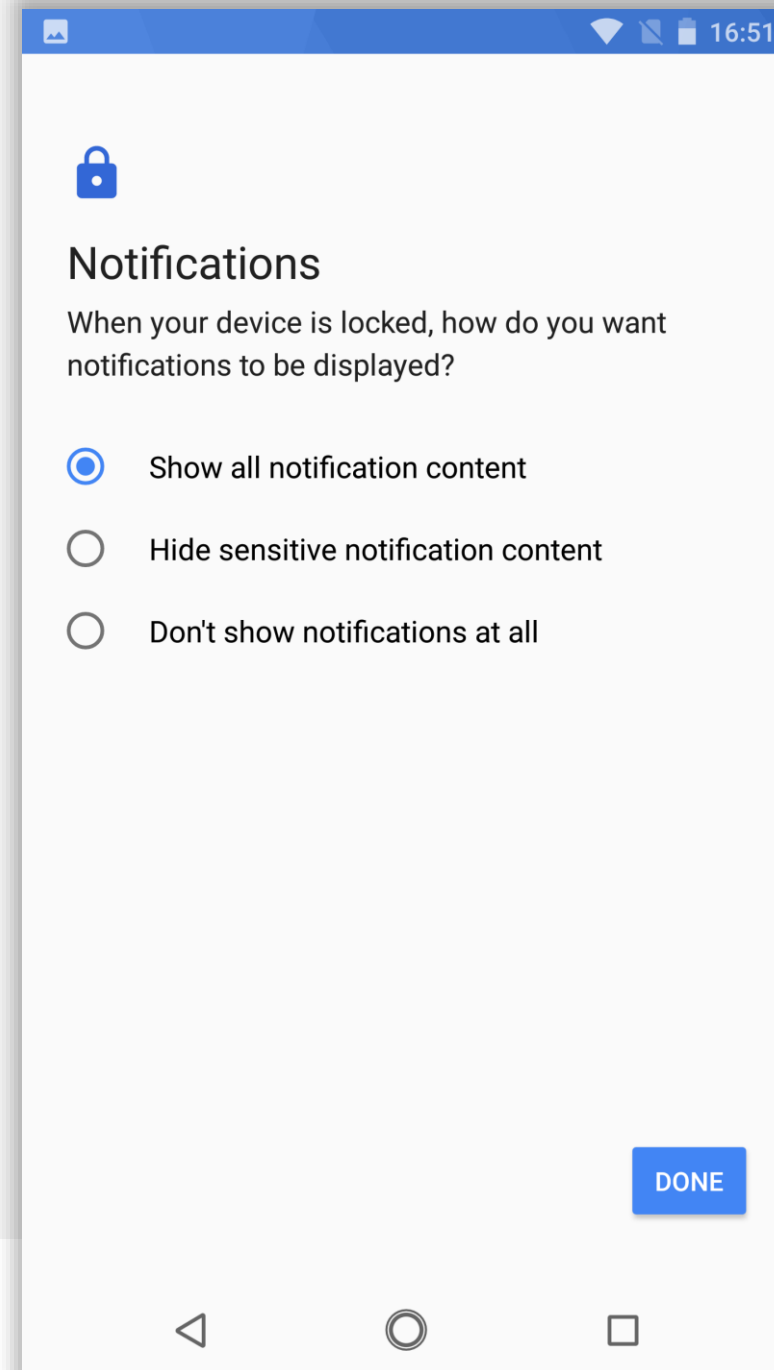
CANCEL CONTINUE

1	2 ABC	3 DEF
4 GHI	5 JKL	6 MNO
7 PRQS	8 TUV	9 WXYZ
⌫	0	➔



Device configuration

Permit or prohibit notification content and tap **DONE**.



The image shows a screenshot of an Android notification settings dialog. At the top, there is a blue header bar with a lock icon on the left and status icons (Wi-Fi, battery, and time 16:51) on the right. Below the header, the title "Notifications" is displayed in a bold, black font. Underneath the title, a descriptive text reads: "When your device is locked, how do you want notifications to be displayed?". There are three radio button options listed below: "Show all notification content" (which is selected with a blue dot), "Hide sensitive notification content", and "Don't show notifications at all". In the bottom right corner of the dialog, there is a blue button with the text "DONE" in white. At the very bottom of the screen, the standard Android navigation bar is visible, showing the back, home, and recent apps icons.

Notifications

When your device is locked, how do you want notifications to be displayed?

- ☒ Show all notification content
- ☐ Hide sensitive notification content
- ☐ Don't show notifications at all

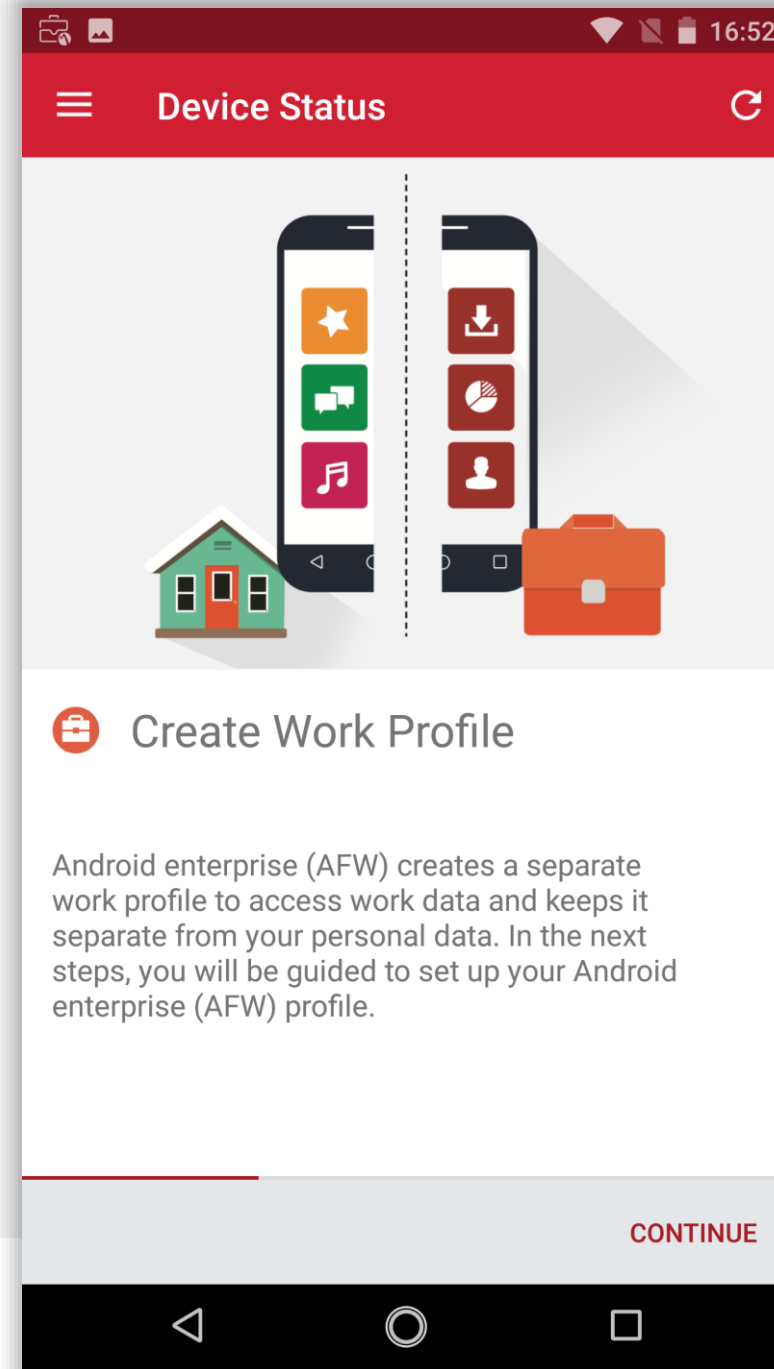
DONE



Work profile configuration

The device has now completed initial device configuration and will continue to set up the dedicated work profile. This will allow for separation of work apps from the personally-enabled parent profile on the device.

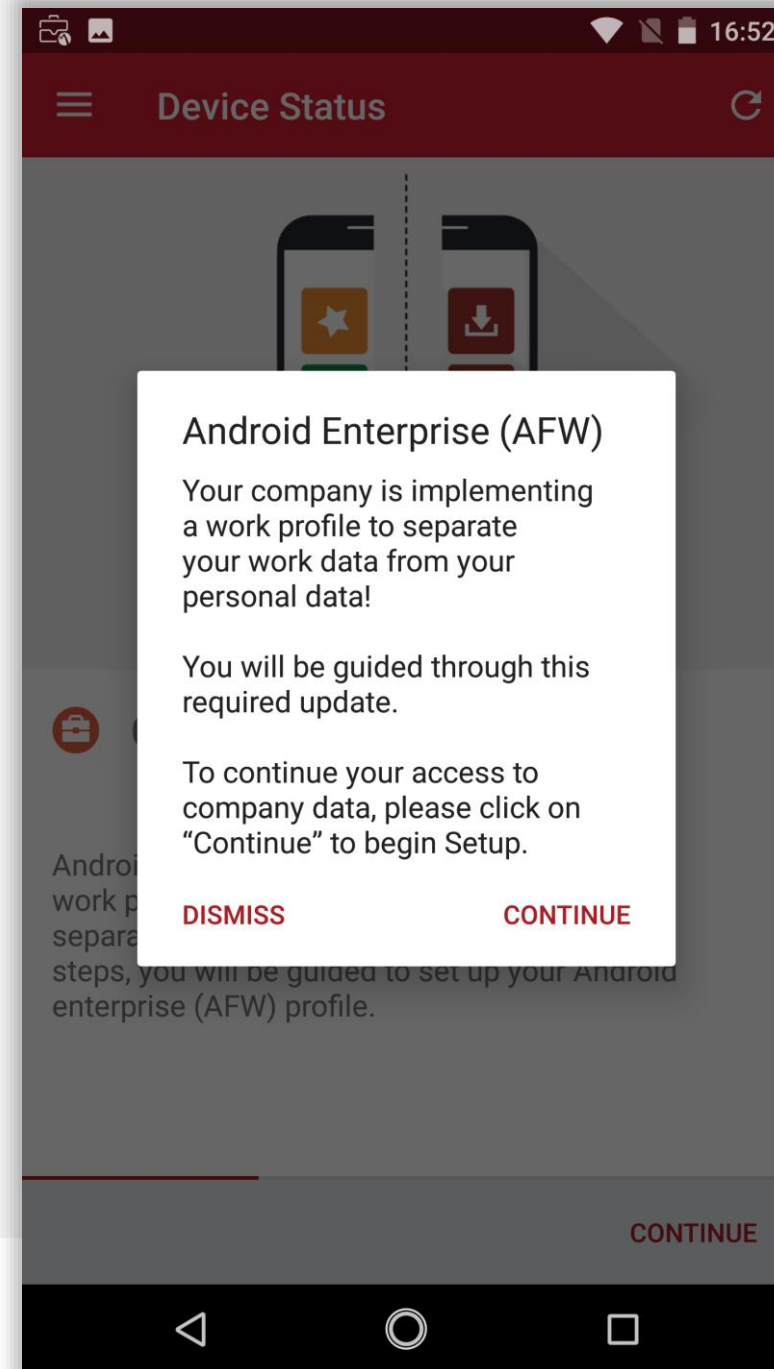
Tap **CONTINUE**.





Work profile configuration

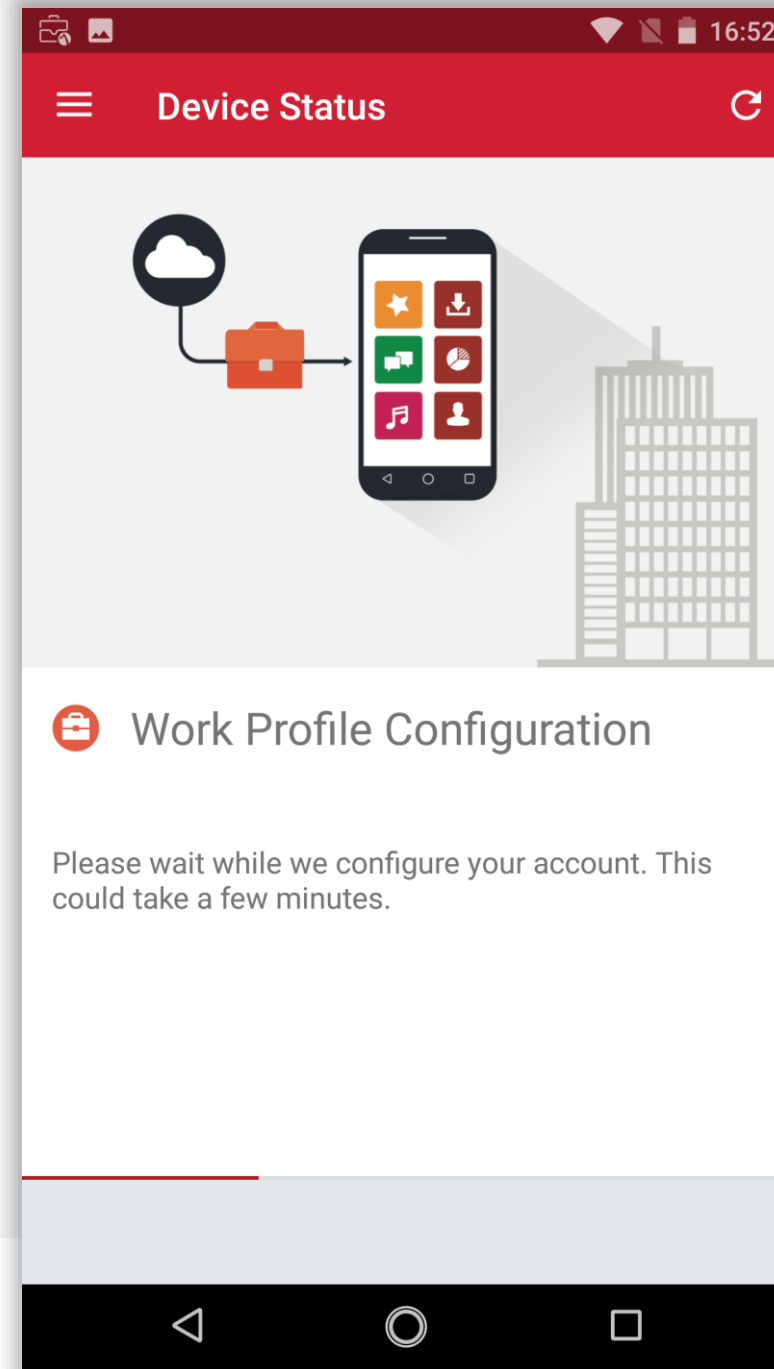
Accept the prompt, tap CONTINUE.





Work profile configuration

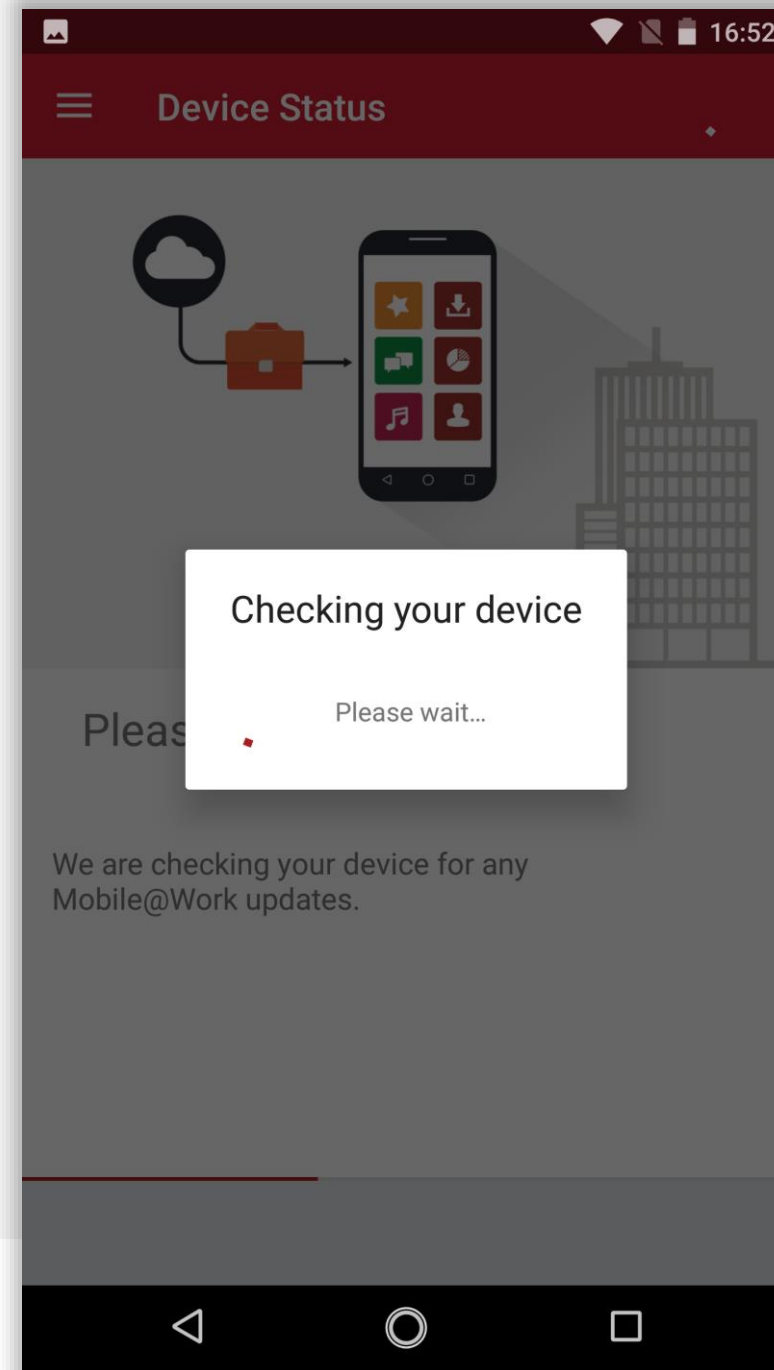
The device will now set up the work profile. This should be relatively quick and there is nothing needing to be done. This will automatically continue to the next step.





Work profile configuration

The device will now check-in to the Core, and begin undertaking tasks in the background. Once ready, enrolment will complete.



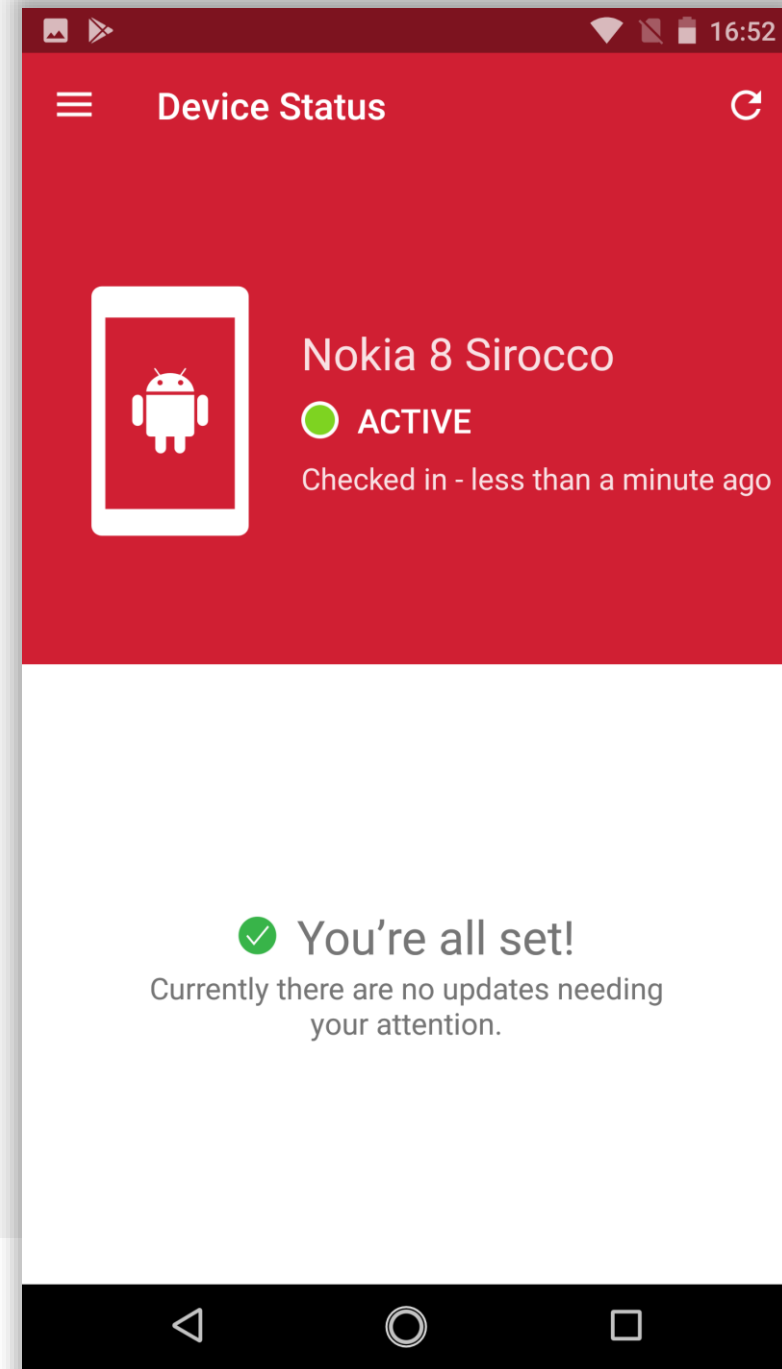


Enrolment complete

The device has now completed enrolment and will continue to pull down applications and resources in the background if configured.

You may tap the home (O) button to leave the DPC.

Continue the guide to add a personal account to the device.
If this is not required, finish the guide here.

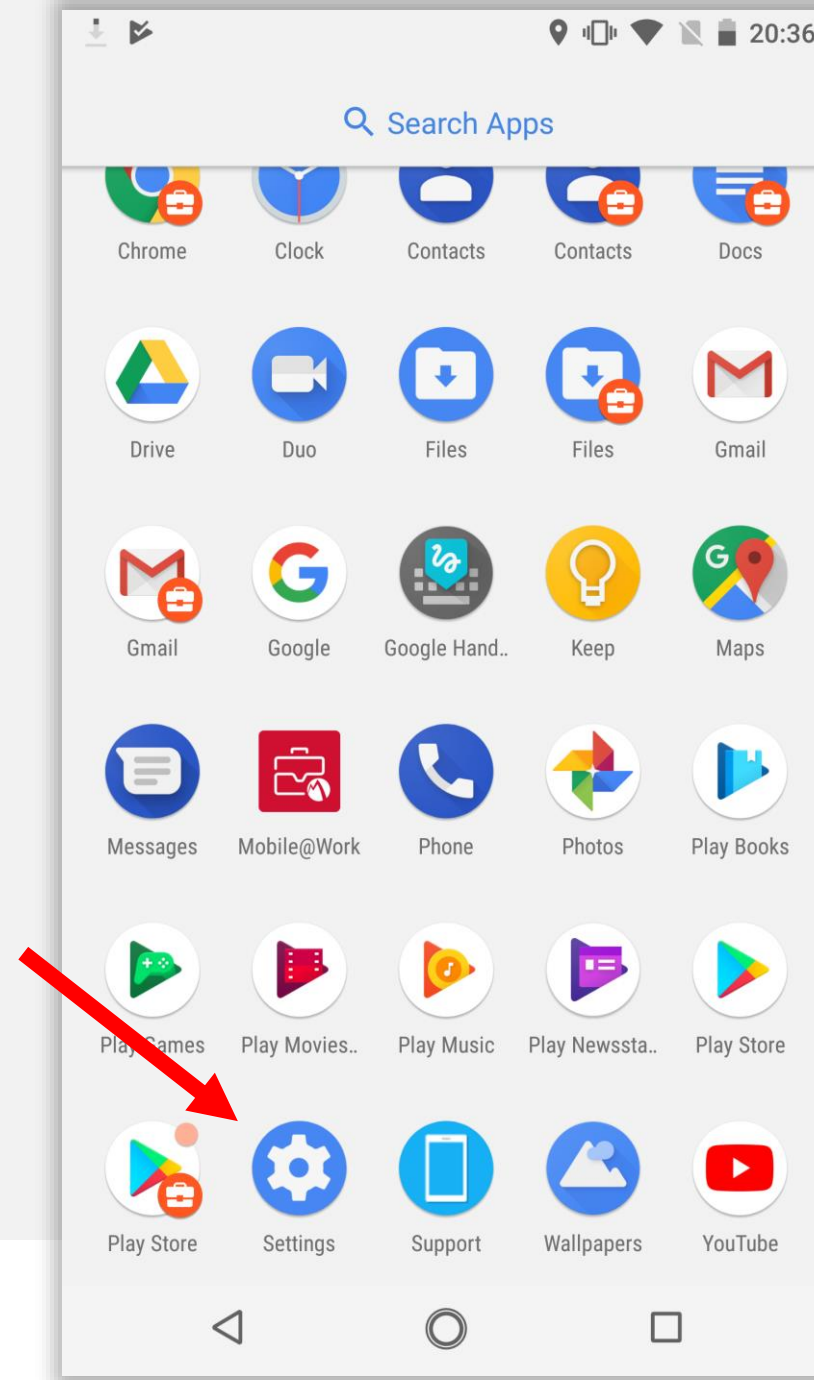




Add a personal account

The device will be relatively vanilla at this point on the parent profile. Unlike a normal BYOD setup, there is no setup wizard for the user in a fully managed work profile deployment, meaning it is necessary to add a personal account manually.

Open the app drawer, and tap **Settings**.

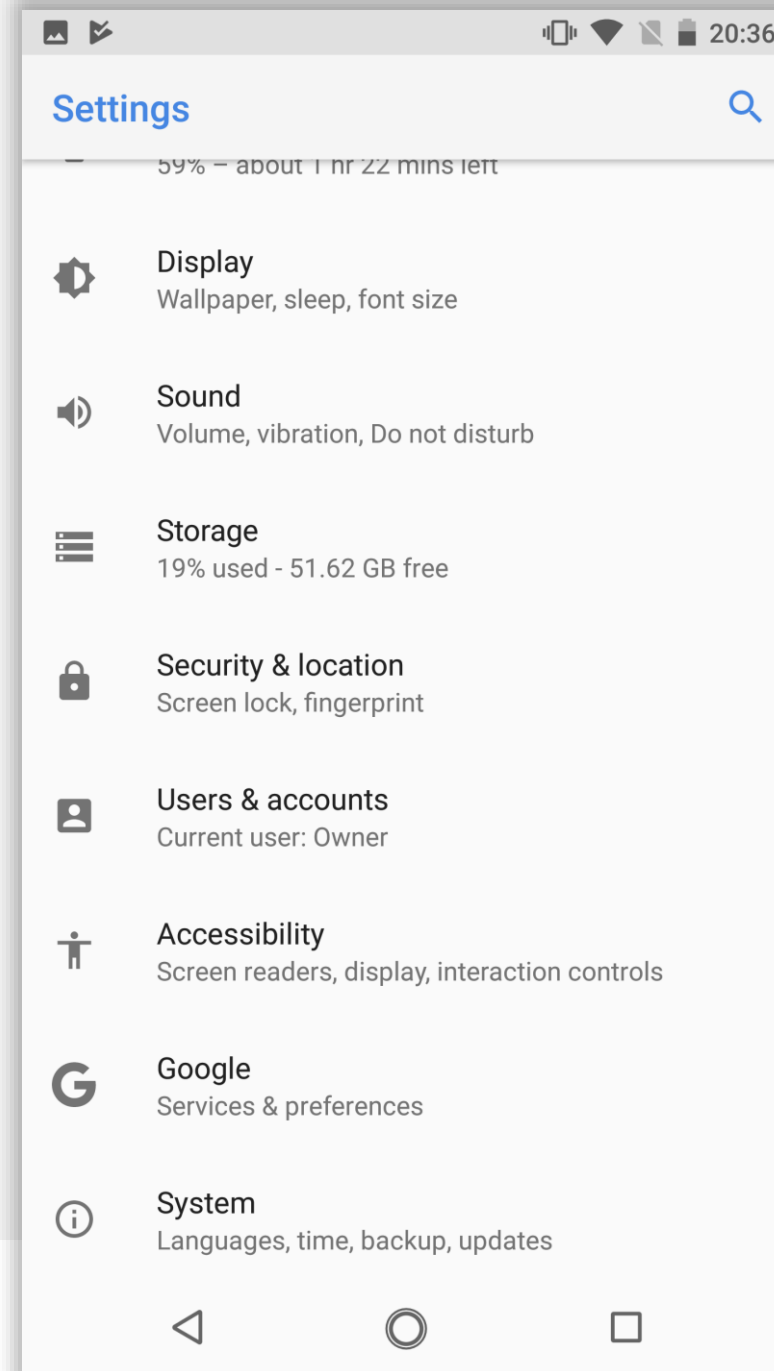




Add a personal account

Scroll down Settings until you find Users & accounts.

Tap Users & accounts.

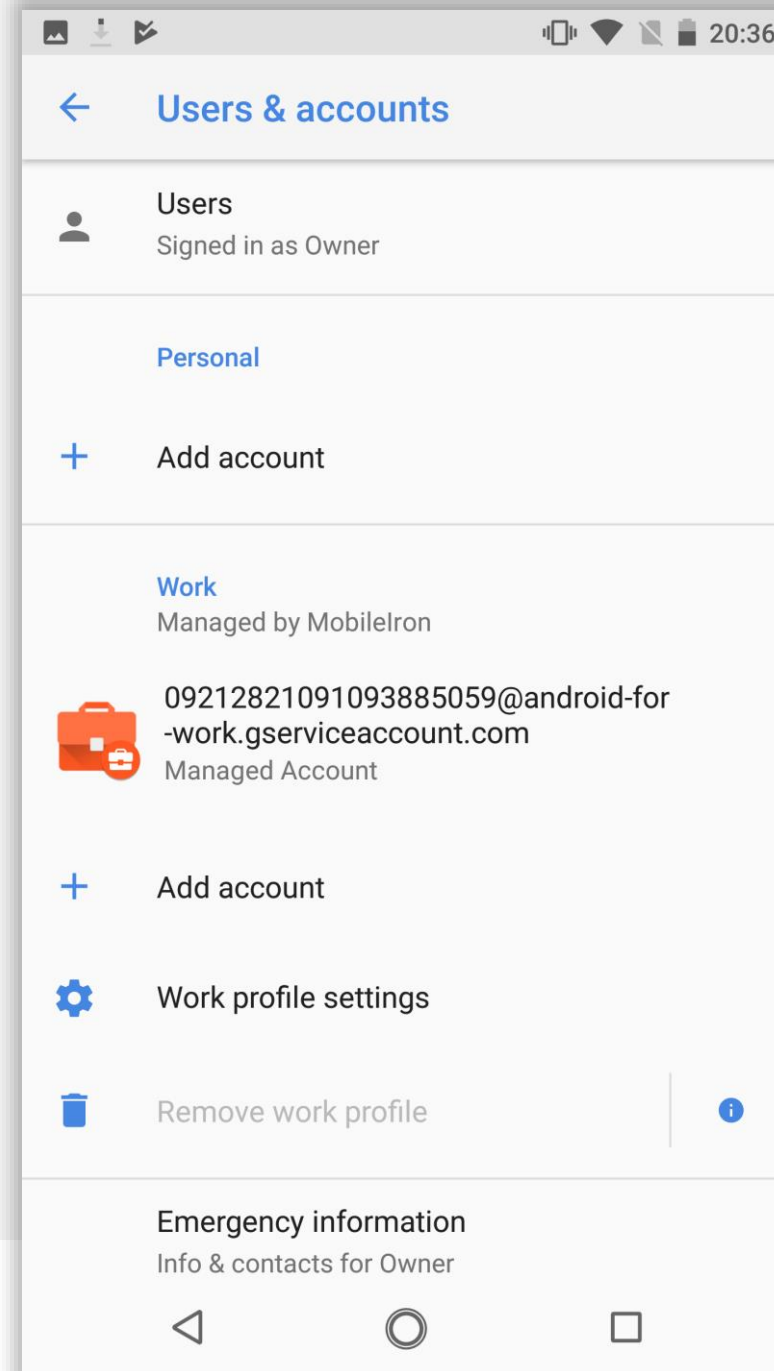




Add a personal account

You will notice there is a Work account configured, but the Personal side is empty.

Tap **Add account**.



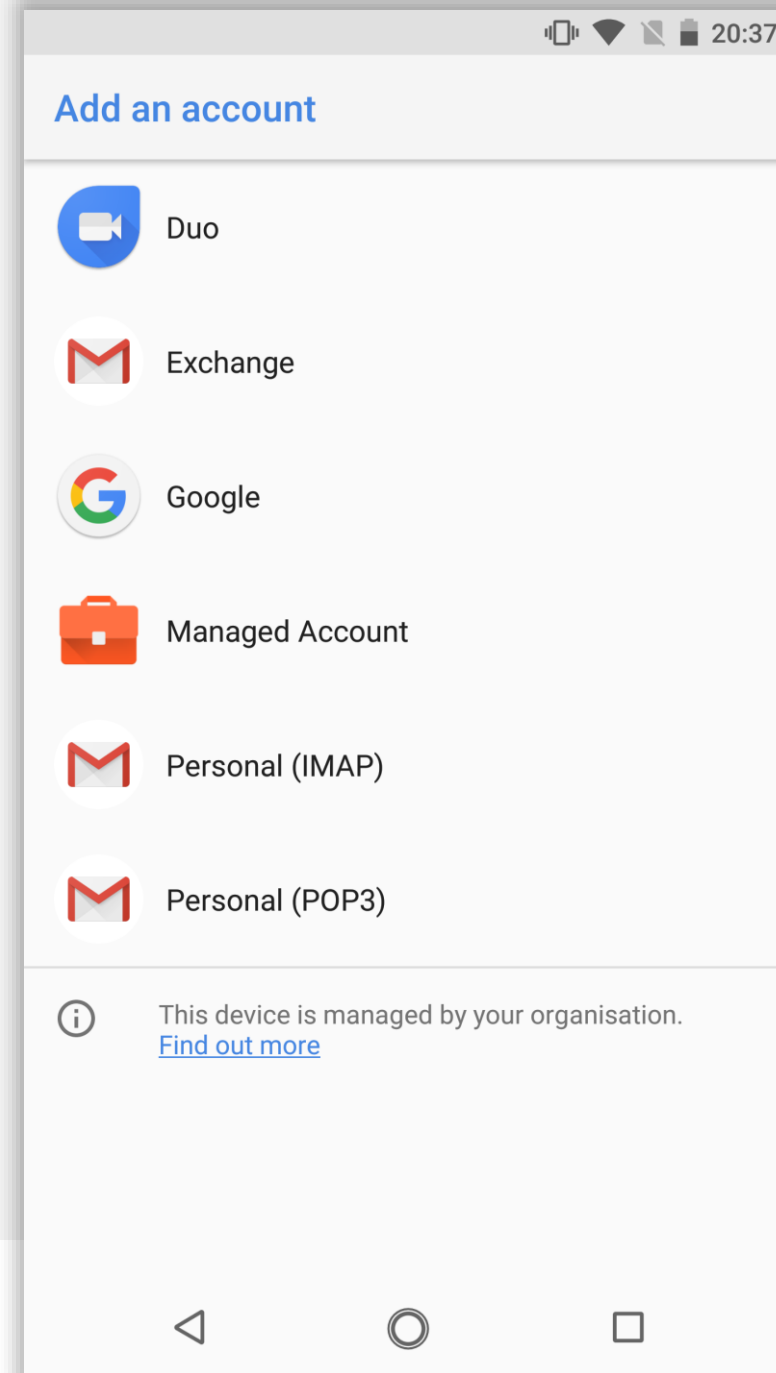


Setup complete

Tap the account you would like to add, then go through the sign-in process.

Note: More account options will show up here as applications are installed, however a good starting point to enabling that will be to add a Google account.

Warning: G Suite accounts are **not** supported in the parent profile, regardless of whether or not Android management is configured for the G Suite tenant. If a G Suite account is added then the Play Store will become managed and not allow unrestricted app downloads.



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Updates to this document can be found here:

[Android enterprise provisioning guides](#)