



Samsung Knox Manage 22.5

&

Knox Platform for Enterprise

July 2022

Samsung R&D Centre UK  
(SRUK)

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2. Pre-requisites for Knox Platform for Enterprise
3. Configure Android Enterprise
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  - Company-owned Device
  - Fully Managed Device with a Work Profile/Work Profile on Company Owned Device
  - Dedicated Device
5. Managed Google Play [MGP] Configuration
6. AppConfig in Samsung Knox Manage
7. Configure Knox Platform for Enterprise : Standard Edition
8. Configure Knox Platform for Enterprise : Premium Edition
9. Configure Knox Service Plugin [KSP]

## Contacts:

[sruk.product@samsung.com](mailto:sruk.product@samsung.com)

## Knowledge Base:

<https://docs.samsungknox.com/admin/knox-manage/welcome.htm>

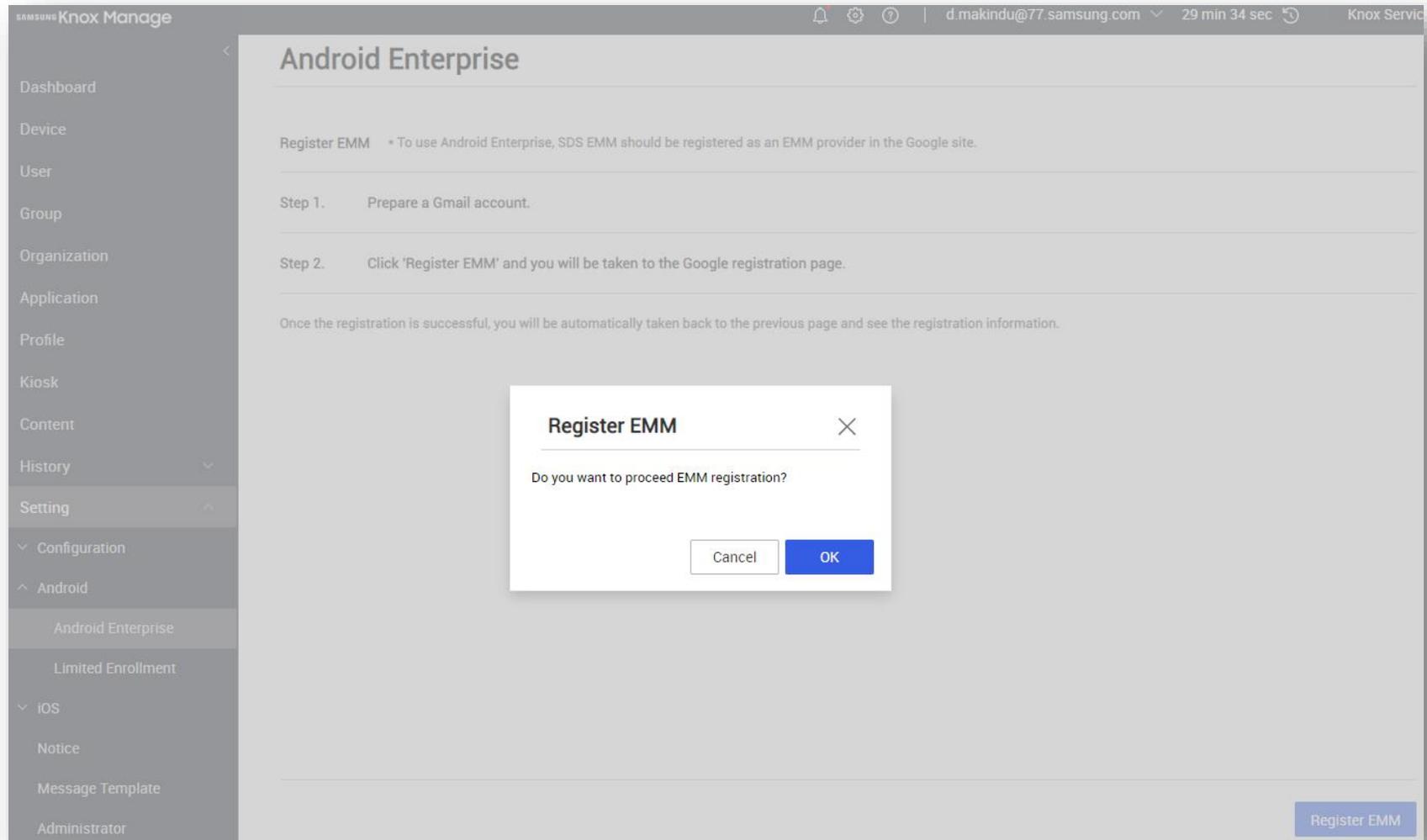
## Trial Access:

<https://www.samsungknox.com/en/solutions/it-solutions/knox-manage>

1. Obtain access to Samsung Knox Manage console
2. A Gmail account for the Android Enterprise Binding
3. Consider what enrollment method to use:
  - Knox Mobile Enrollment (KME)
  - QR Code enrollment
  - Token (afw#KnoxManage)
  - Manual (Applicable to BYOD only)

## Configure Android Enterprise

- Log into Knox Manage Console. Navigate to: **Setting** -> **Android** -> **Android Enterprise**
- Select **Register EMM** button and **OK** when prompted for Register EMM



The screenshot displays the Samsung Knox Manage console interface. On the left is a navigation sidebar with options: Dashboard, Device, User, Group, Organization, Application, Profile, Kiosk, Content, History, Setting, Configuration, Android, Android Enterprise, Limited Enrollment, iOS, Notice, Message Template, and Administrator. The main content area is titled 'Android Enterprise' and contains the following text:

**Register EMM** \* To use Android Enterprise, SDS EMM should be registered as an EMM provider in the Google site.

Step 1. Prepare a Gmail account.

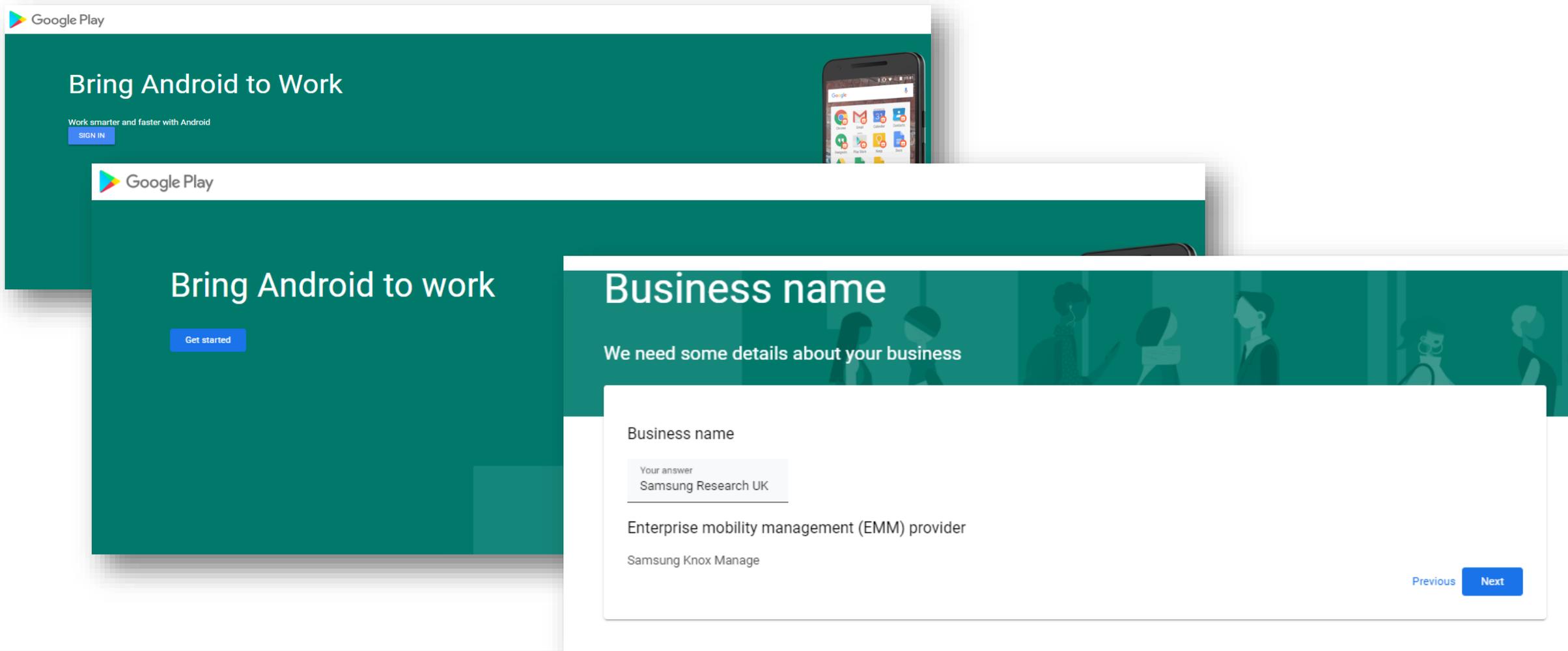
Step 2. Click 'Register EMM' and you will be taken to the Google registration page.

Once the registration is successful, you will be automatically taken back to the previous page and see the registration information.

A modal dialog box titled 'Register EMM' is centered on the screen, asking 'Do you want to proceed EMM registration?' with 'Cancel' and 'OK' buttons. A 'Register EMM' button is also visible in the bottom right corner of the main content area.

## Configure Android Enterprise

- You will then get redirected to a Google Play screen. Click **SIGN IN** to sign with a Gmail Account and **Get started**.
- Fill out your Business name and Select **Next** to allow Samsung Knox Manage to be your EMM provider.

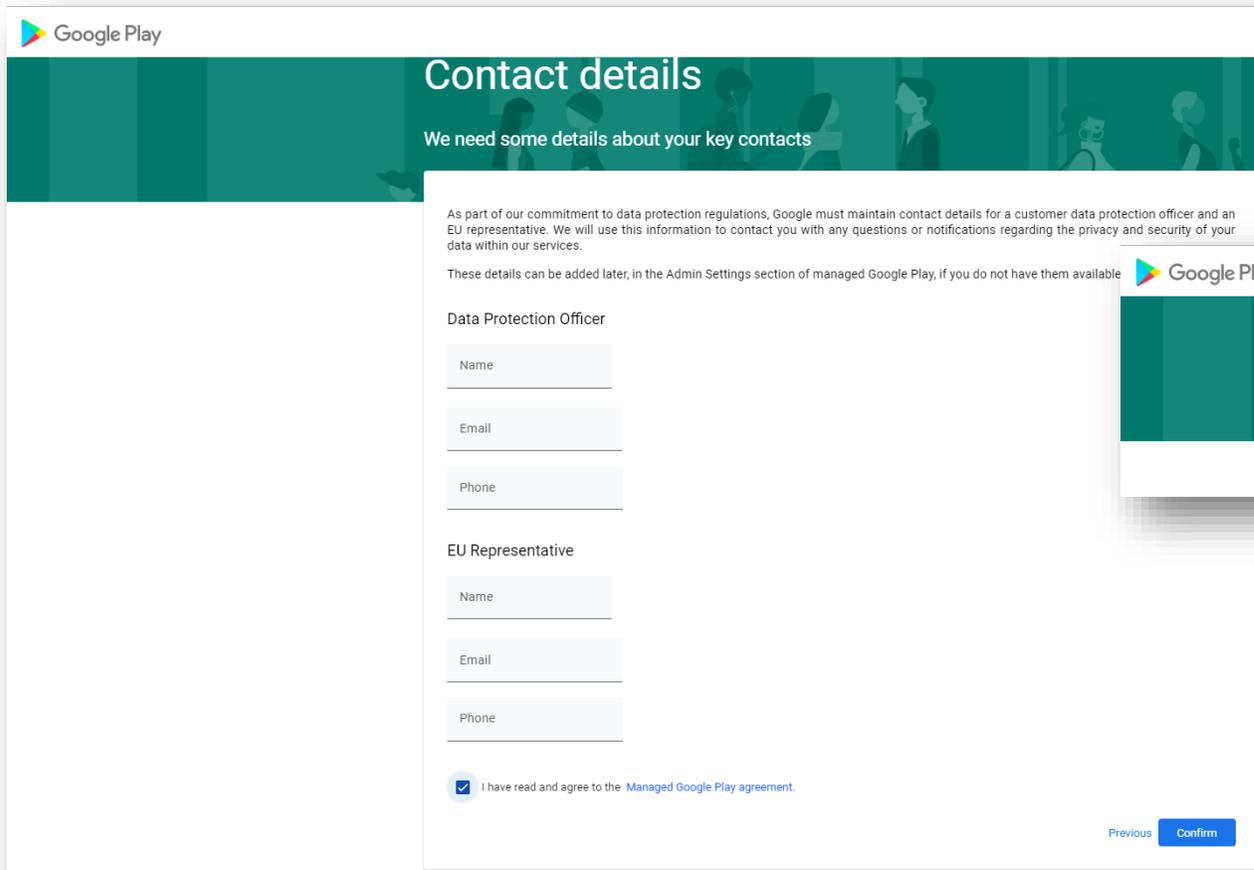


The screenshots illustrate the initial steps of the Android Enterprise configuration:

- Screen 1:** 'Bring Android to Work' with a 'SIGN IN' button.
- Screen 2:** 'Bring Android to work' with a 'Get started' button.
- Screen 3:** 'Business name' form. The input field contains 'Samsung Research UK'. The 'Enterprise mobility management (EMM) provider' dropdown is set to 'Samsung Knox Manage'. 'Next' and 'Previous' navigation buttons are visible at the bottom right.

## Configure Android Enterprise

- Fill out the Contact details page, tick the Managed Google Play agreement box and then select Confirm. These text fields are not mandatory, so you can alternatively leave them blank and just tick the Managed Google Play agreement and then select **Confirm**.
- Click **Complete Registration** to complete the Android Enterprise configuration and return to Samsung Knox Manage Console.



Google Play

## Contact details

We need some details about your key contacts

As part of our commitment to data protection regulations, Google must maintain contact details for a customer data protection officer and an EU representative. We will use this information to contact you with any questions or notifications regarding the privacy and security of your data within our services.

These details can be added later, in the Admin Settings section of managed Google Play, if you do not have them available

**Data Protection Officer**

Name

Email

Phone

**EU Representative**

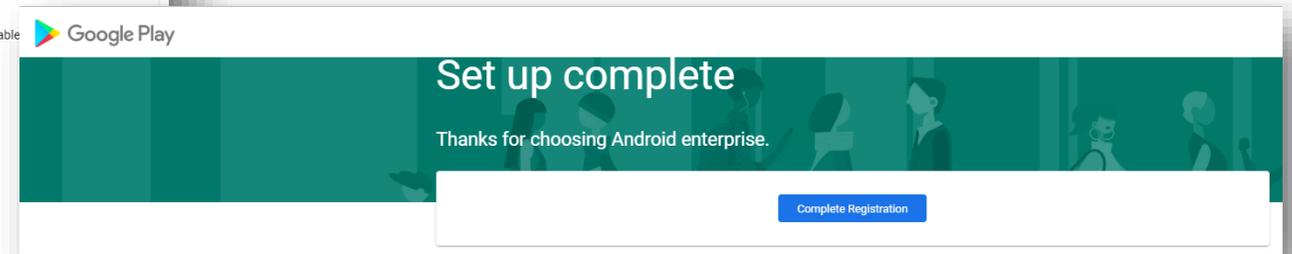
Name

Email

Phone

I have read and agree to the [Managed Google Play agreement](#).

Previous **Confirm**



Google Play

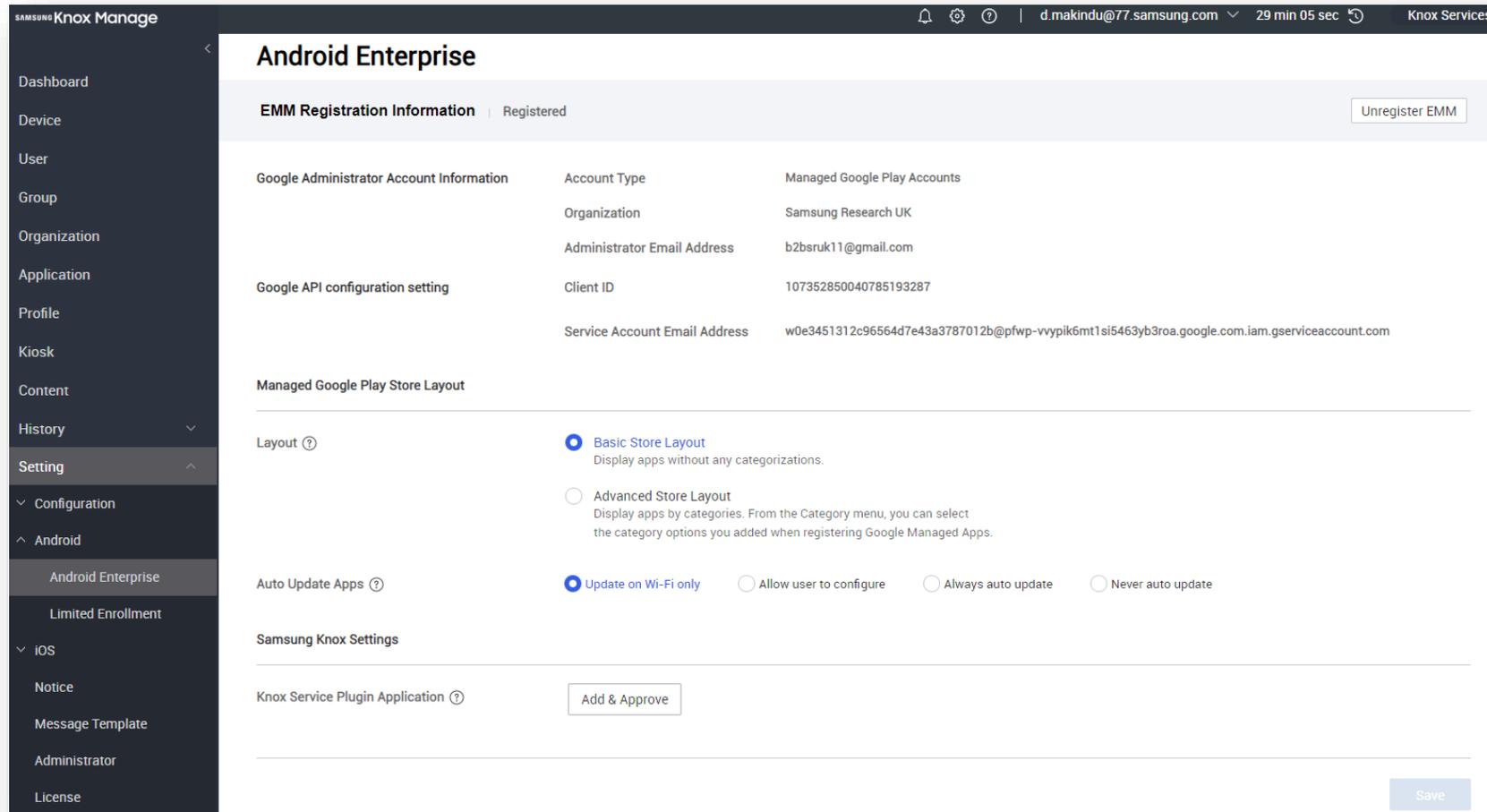
## Set up complete

Thanks for choosing Android enterprise.

**Complete Registration**

## Configure Android Enterprise

- You should now have been redirected back to the Samsung Knox Manage EMM Console and the configuration should now be completed and look similar to the screen below.
- Your Samsung Knox Manage Tenant is now configured and ready to deploy Android Enterprise and Knox Platform for Enterprise: Standard Edition.



The screenshot displays the Samsung Knox Manage EMM Console interface. The top navigation bar includes the 'Knox Manage' logo, user information 'd.makindu@77.samsung.com', and session duration '29 min 05 sec'. The left sidebar contains a menu with options: Dashboard, Device, User, Group, Organization, Application, Profile, Kiosk, Content, History, Setting, Configuration, Android, Android Enterprise, Limited Enrollment, iOS, Notice, Message Template, Administrator, and License. The main content area is titled 'Android Enterprise' and shows 'EMM Registration Information' as 'Registered' with an 'Unregister EMM' button. Below this, there are sections for 'Google Administrator Account Information' (Account Type: Managed Google Play Accounts, Organization: Samsung Research UK, Administrator Email Address: b2bsruk11@gmail.com) and 'Google API configuration setting' (Client ID: 107352850040785193287, Service Account Email Address: w0e3451312c96564d7e43a3787012b@pfwp-vvypik6mt1si5463yb3roa.google.com.iam.gserviceaccount.com). The 'Managed Google Play Store Layout' section includes a 'Layout' dropdown with 'Basic Store Layout' (selected) and 'Advanced Store Layout'. The 'Auto Update Apps' section has radio buttons for 'Update on Wi-Fi only' (selected), 'Allow user to configure', 'Always auto update', and 'Never auto update'. The 'Samsung Knox Settings' section includes a 'Knox Service Plugin Application' section with an 'Add & Approve' button. A 'Save' button is located at the bottom right of the configuration area.

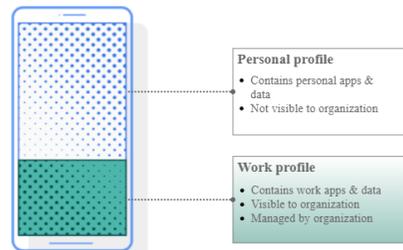
# Android Enterprise Deployment Modes

## Deployment Modes

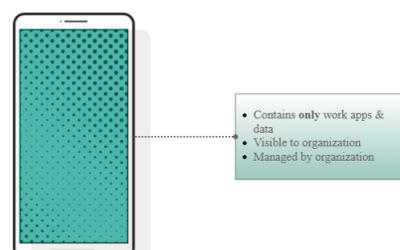
Android Enterprise can be deployed in the following 5 deployment modes

1. BYOD [*formerly known as Profile Owner or PO*]
2. Company-owned Device [*formerly known as Device Owner or DO*]
3. Fully Managed device with a work profile [*formerly known as Company Owned Managed Profile or COMP*], now on Android 11 or later, known as Work Profile On Company-Owned Device [*WPC, Available from Android 11*]
4. Dedicated device [*formerly known as COSU*]

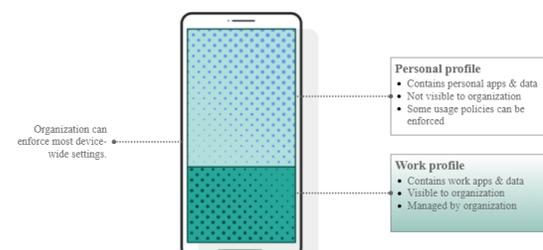
Samsung Knox Manage can support **all** 5 of these deployment modes. In this next section we will show you how to configure each of these 5 deployment modes in Samsung Knox Manage for your device fleet.



**Bring Your Own Device [BYOD]**



**Company-owned Device**



**Fully Managed device with a Work Profile / Work Profile on Company Owned Device**

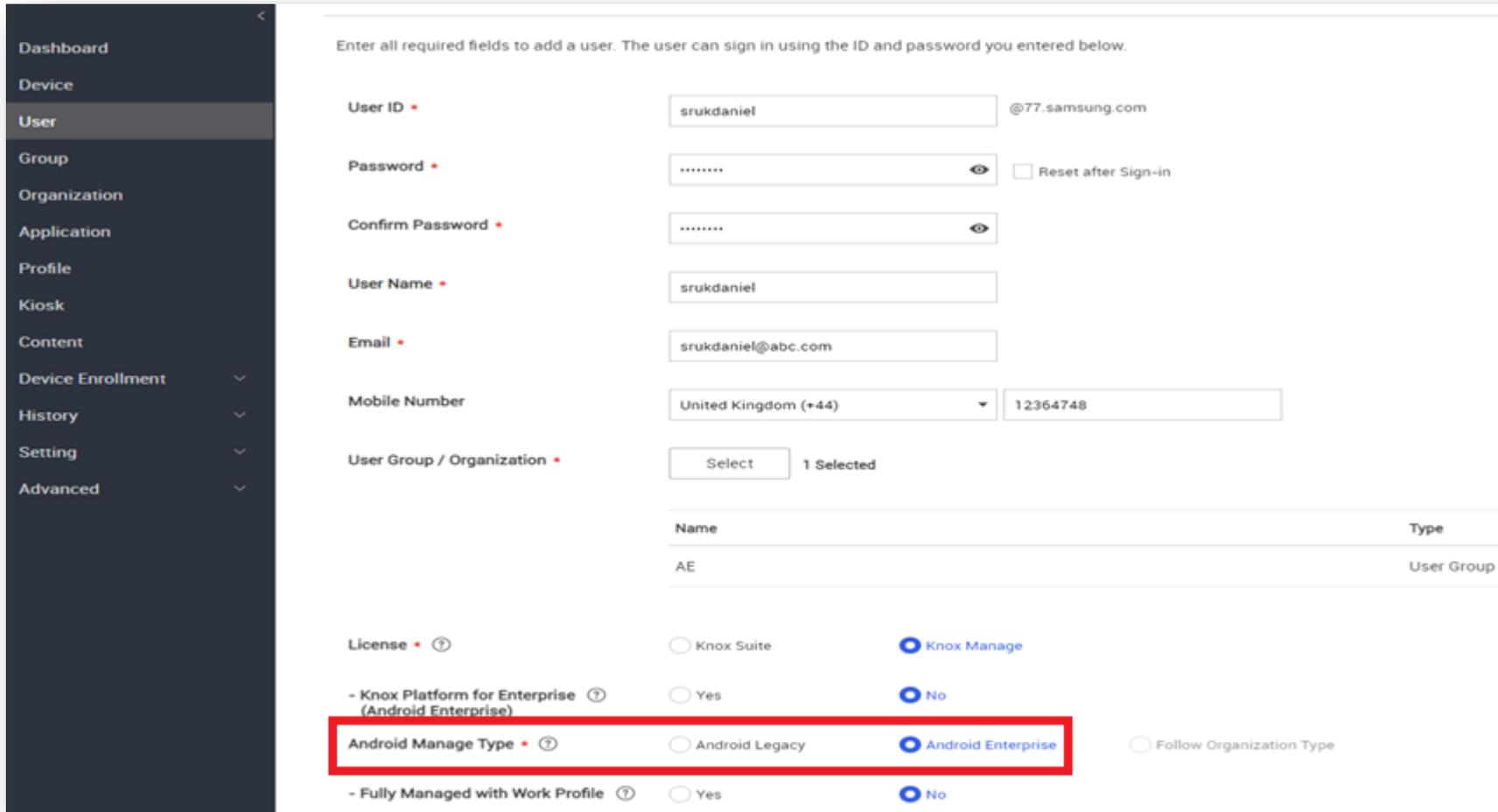


**Dedicated Device**

## Android Enterprise BYOD Deployment

To enroll a device in the Android Enterprise BYOD deployment type, the final pre requisite is you need to ensure that Android Enterprise is defined at the user level under Android Manage Type.

- Go to *User* -> Choose *Add* for new user or Select an existing user followed by *Modify* -> *Android Manage Type = Android Enterprise*



Enter all required fields to add a user. The user can sign in using the ID and password you entered below.

User ID \*  @77.samsung.com

Password \*   Reset after Sign-in

Confirm Password \*

User Name \*

Email \*

Mobile Number

User Group / Organization \*  1 Selected

Name	Type
AE	User Group

License \*  Knox Suite  Knox Manage

- Knox Platform for Enterprise (Android Enterprise)  Yes  No

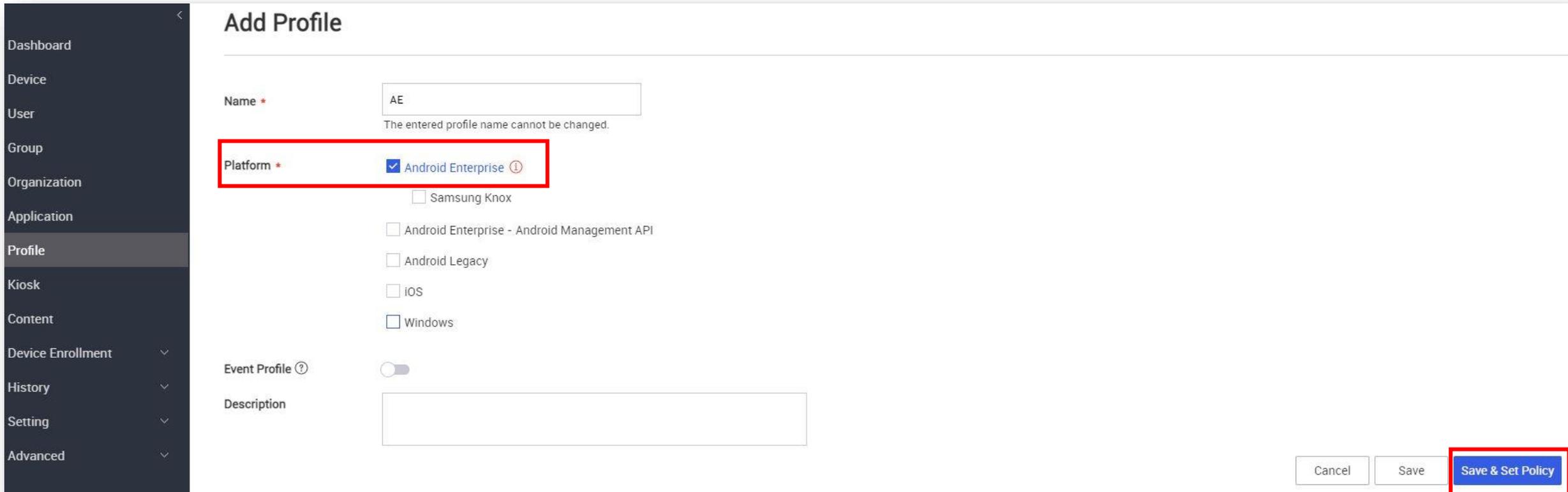
**Android Manage Type \*  Android Legacy  Android Enterprise  Follow Organization Type**

- Fully Managed with Work Profile  Yes  No

## Android Enterprise BYOD Deployment

Create and assign a profile to the group where the user to be enrolled resides.

- Go to *Profile > Add* -> *Fill in a name under Name* -> *Platform = Android Enterprise*
- Select *Save & Set Policy* to set policy and assign to the right group where the user resides.



**Add Profile**

Name \*   
The entered profile name cannot be changed.

Platform \*  Android Enterprise ⓘ  
 Samsung Knox  
 Android Enterprise - Android Management API  
 Android Legacy  
 iOS  
 Windows

Event Profile ⓘ

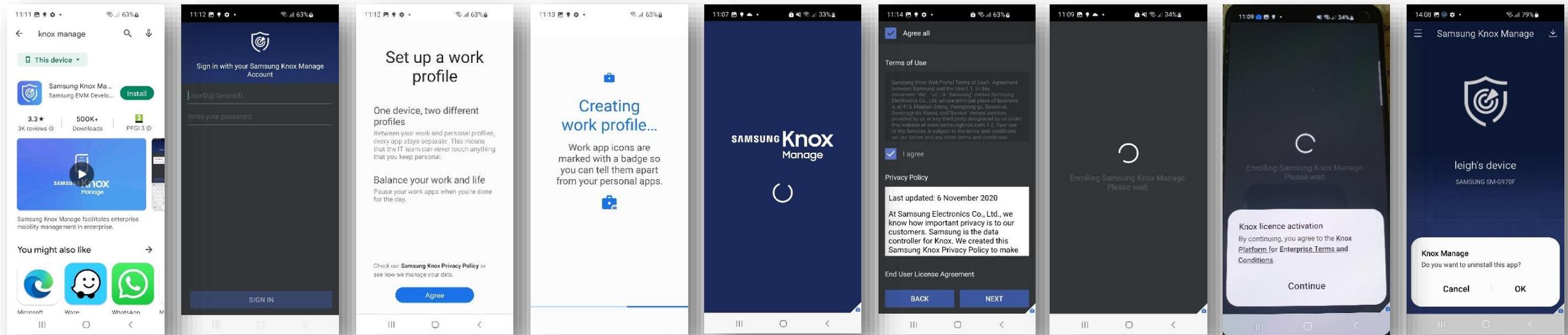
Description

Cancel Save **Save & Set Policy**

## Android Enterprise BYOD Deployment

Now all you simply need to do is enroll your device by completing the following:

- On your device, go to the Google Play Store, download the Samsung Knox Manage client, and enroll your device into your tenant.



Install Samsung Knox Manage Client from Google Play Store

Enter credentials & hit SIGN IN

Click Agree to Set up a work profile

Creating work profile

Knox Manage running

Agree to Terms and Privacy Policy & Click NEXT

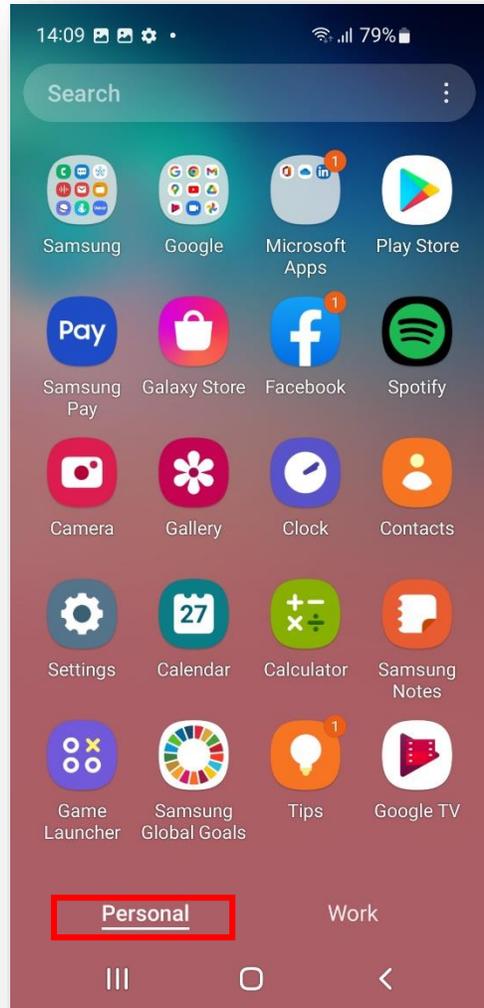
Signing into and Enrolling into Samsung Knox Manage initiated

Click Continue to activate Knox license

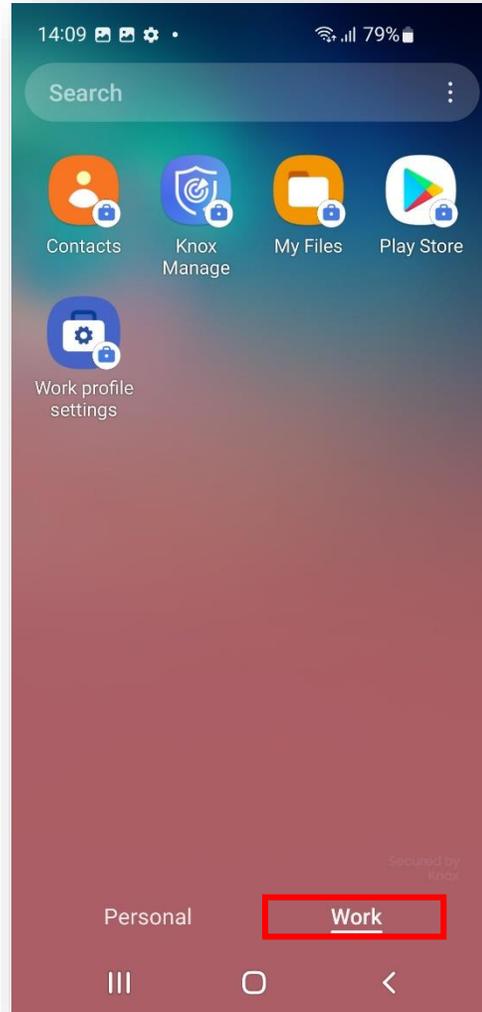
Device Enrollment Successful!

# Android Enterprise: Work Profile Enrollment

How to tell that Work Profile has been successfully set up:



Personal Tab



Work Tab

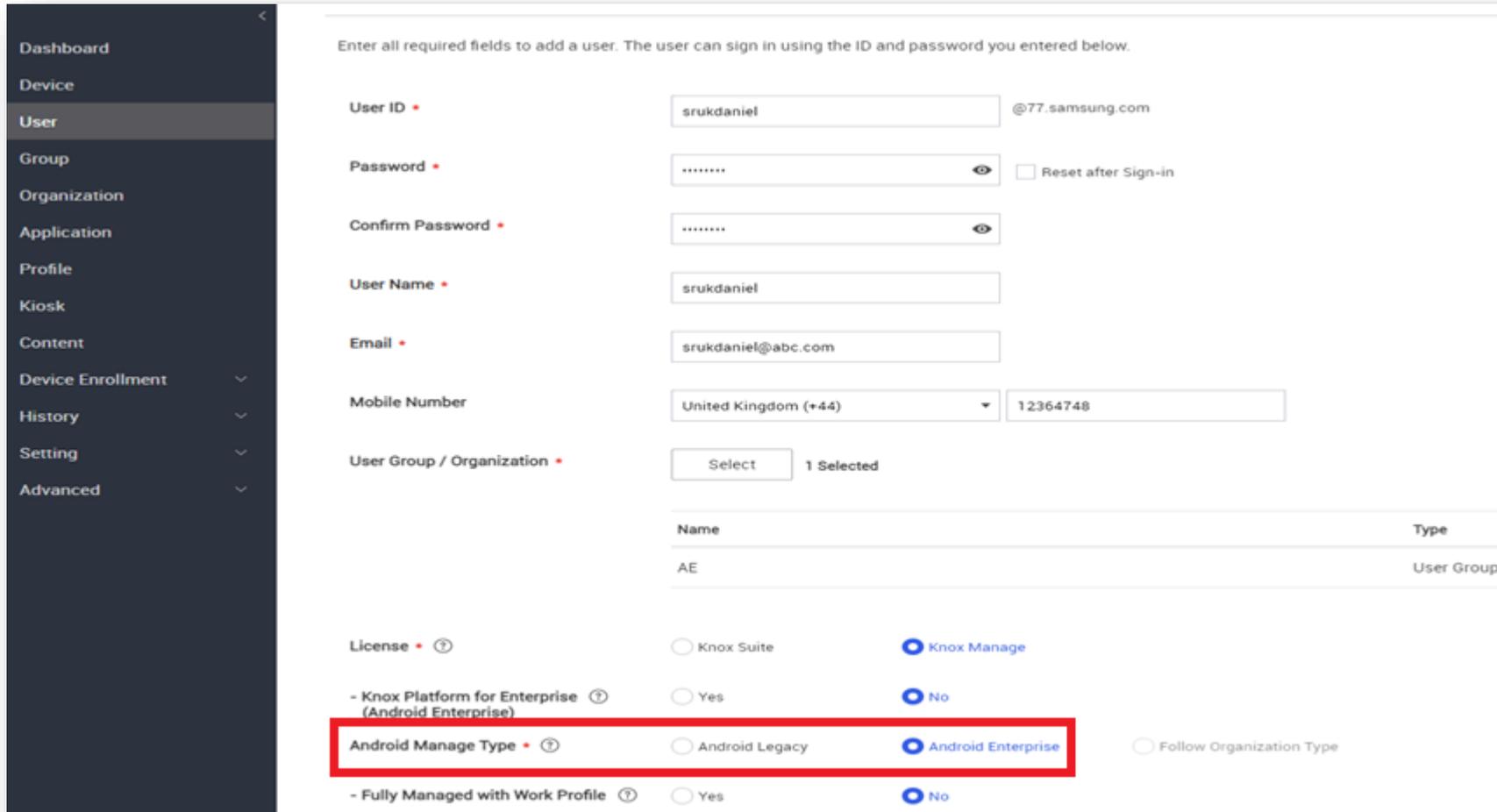


No mention of device belonging to your organization on lock screen

## Android Enterprise Company-Owned Device Deployment

To enroll a device in the Android Enterprise Company-Owned Device deployment type, the final pre requisite is you need to ensure that Android Enterprise is defined at the user level under Android Manage Type.

- Go to *User* -> Choose *Add* for new user or Select an existing user followed by *Modify* -> *Android Manage Type = Android Enterprise*



Enter all required fields to add a user. The user can sign in using the ID and password you entered below.

User ID • srukdaniel @77.samsung.com

Password • .....  Reset after Sign-in

Confirm Password • .....

User Name • srukdaniel

Email • srukdaniel@abc.com

Mobile Number United Kingdom (+44) 12364748

User Group / Organization • Select 1 Selected

Name	Type
AE	User Group

License •  Knox Suite  Knox Manage

- Knox Platform for Enterprise (Android Enterprise)  Yes  No

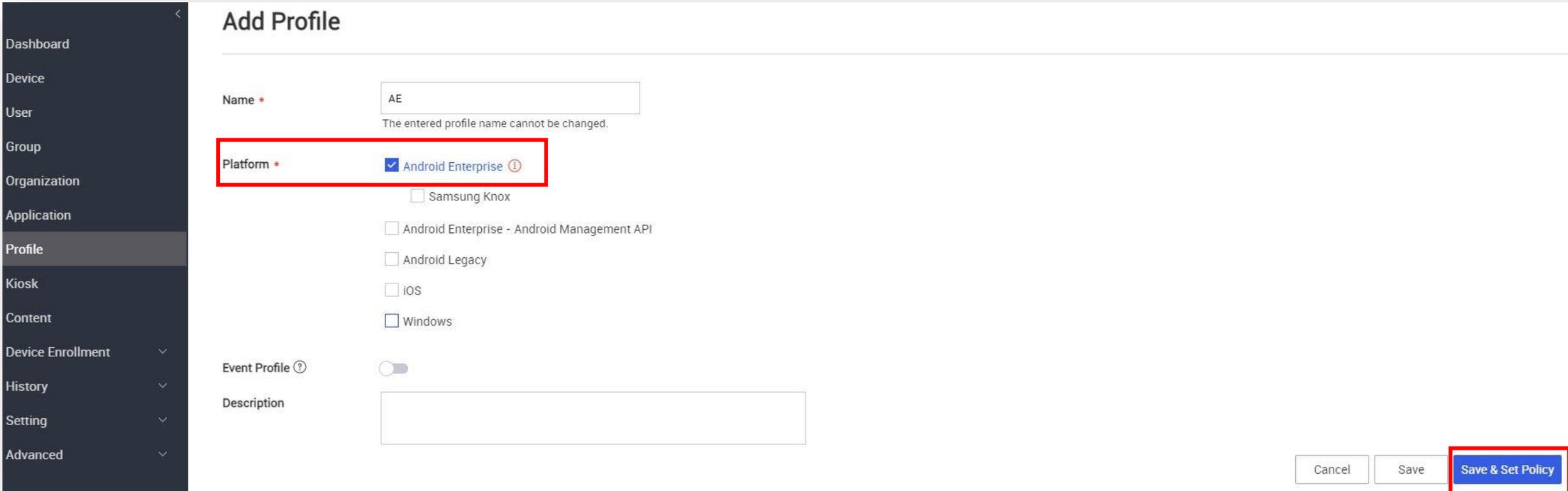
**Android Manage Type •  Android Legacy  Android Enterprise  Follow Organization Type**

- Fully Managed with Work Profile  Yes  No

## Android Enterprise Company-owned Device

Create and assign a profile to the group where the user to be enrolled resides.

- Go to *Profile > Add* -> *Fill in a name under Name* -> *Platform = Android Enterprise*
- Select *Save & Set Policy* to set policy and assign to the right group where the user resides.



The screenshot shows the 'Add Profile' configuration page. On the left is a dark sidebar with navigation options: Dashboard, Device, User, Group, Organization, Application, Profile (highlighted), Kiosk, Content, Device Enrollment, History, Setting, and Advanced. The main content area is titled 'Add Profile' and contains the following fields:

- Name \***: A text input field containing 'AE'. Below it, a note states: 'The entered profile name cannot be changed.'
- Platform \***: A dropdown menu with 'Android Enterprise' selected and highlighted by a red box. Other options include Samsung Knox, Android Enterprise - Android Management API, Android Legacy, iOS, and Windows.
- Event Profile ?**: A toggle switch currently turned off.
- Description**: A large empty text area.

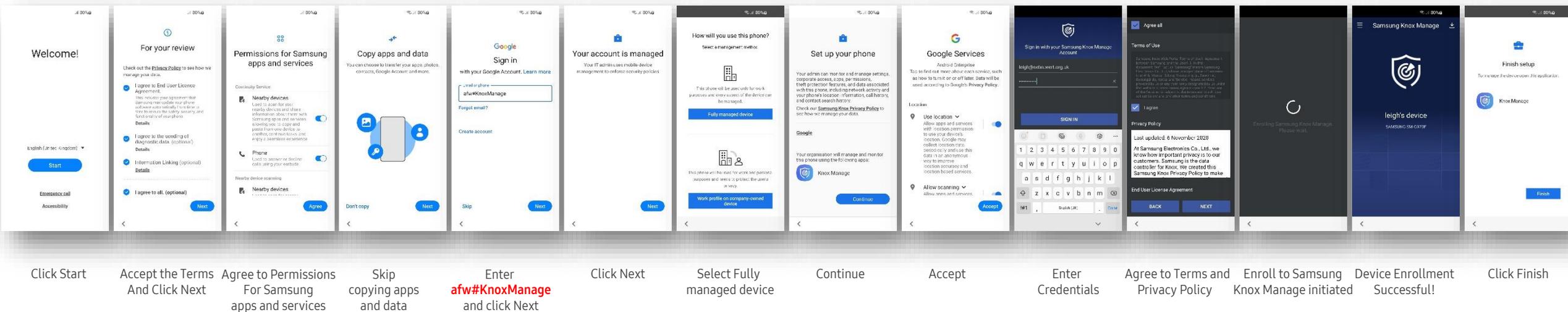
At the bottom right, there are three buttons: 'Cancel', 'Save', and 'Save & Set Policy', with the latter being highlighted by a red box.

## Android Enterprise Company-owned Device Deployment

To enroll your device as an Android Enterprise Company-owned device, you need to ensure the device is factory reset and at the welcome screen. From here, there are 3 ways you can enroll your device into Samsung Knox Manage as an Android Enterprise Company-owned device.

1. DPC Identifier [Also known as the hashtag method] **afw#KnoxManage**
2. QR Code Enrollment
3. Knox Mobile Enrollment

• Below is a screen-by-screen play to enroll your device using the DPC Identifier method.



## Android Enterprise Company-owned Device Deployment

To enroll your device as an Android Enterprise Company-owned device, you need to ensure the device is factory reset and at the welcome screen. From here, there are 3 ways you can enroll your device into Samsung Knox Manage as an Android Enterprise Company-owned device.

1. DPC Identifier [Also known as the hashtag method] **afw#KnoxManage**
2. QR Code Enrollment
3. Knox Mobile Enrollment

• Below is a screen-by-screen play to enroll your device using the QR Code method.

The screenshots show the following steps:

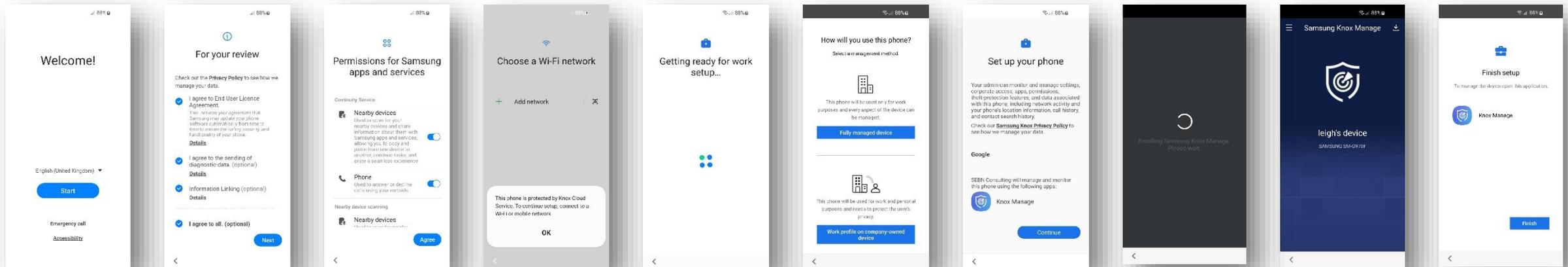
- Welcome!** Screen tap 6 times
- Scanning for a QR code...** Scan the QR Code received in the email sent when creating the User
- This device belongs to your organisation** After connecting To Wi-Fi note device ownership and Click Next
- Getting ready for work setup...** Getting ready for work setup
- Set up your phone** Click Continue to Install Samsung Knox Manage
- Sign in with your Samsung Knox Manage Account** Enter Credentials And Click SIGN IN
- Terms of Use** Agree to Terms and Privacy Policy & Click NEXT
- Enrolling Samsung Knox Manage** Enroll to Samsung Knox Manage initiated
- Samsung Knox Manage** Device Enrollment Successful!
- Finish setup** Click Finish
- Google Services** Accept Google Services
- For your review** Agree to T&Cs And Click Next

## Android Enterprise Company-owned Device Deployment

To enroll your device as an Android Enterprise Company-owned device, you need to ensure the device is factory reset and at the welcome screen. From here, there are 3 ways you can enroll your device into Samsung Knox Manage as an Android Enterprise Company-owned device.

1. DPC Identifier [Also known as the hashtag method] **afw#KnoxManage**
2. QR Code Enrollment
3. Knox Mobile Enrollment

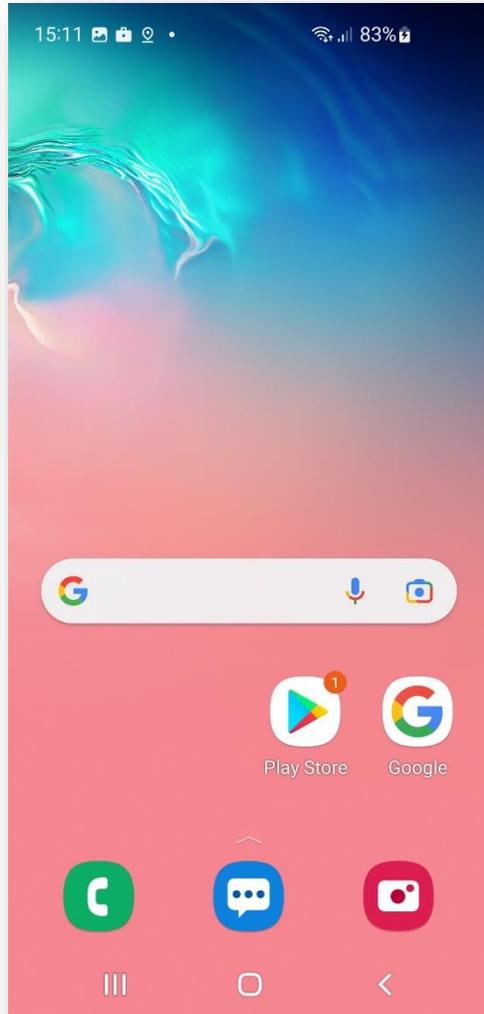
- Below is a screen-by-screen play to enroll your device using Knox Mobile Enrollment (KME).



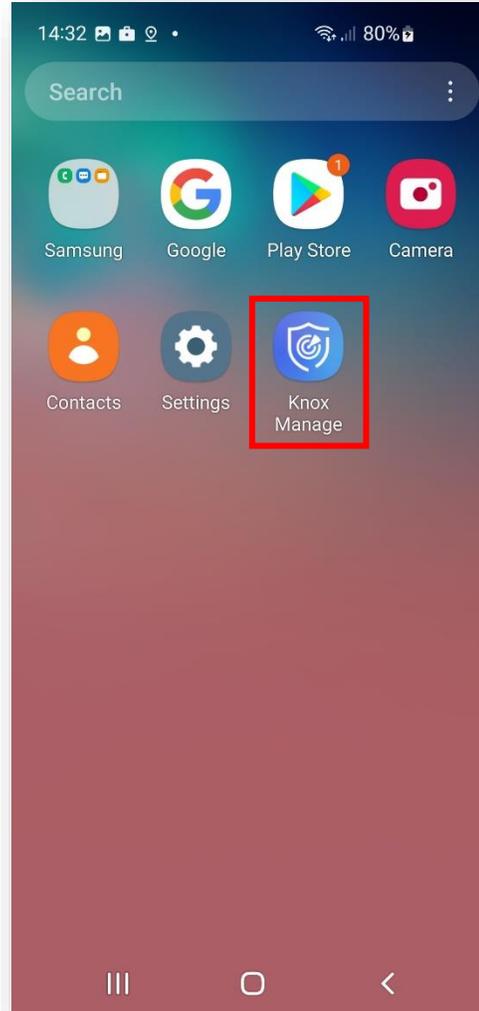
Click Start      Agree the T&Cs And Click Next      Agree Permissions for apps and services      Note the device is Protected by Knox Cloud Services. Click OK and Connect to Wi-Fi      Getting ready for work setup      Select Fully managed device      Click Continue to Set up your phone by installing Samsung Knox Manage      Enroll to Samsung Knox Manage initiated      Device Enrollment Successful!      Click Finish

# Android Enterprise: Fully Managed Device Enrollment

How to tell that Fully Managed Device has been successfully set up:



Sparse set of icons on home screen



No Personal nor Work tabs; Sparse set of icons including Knox Manage agent

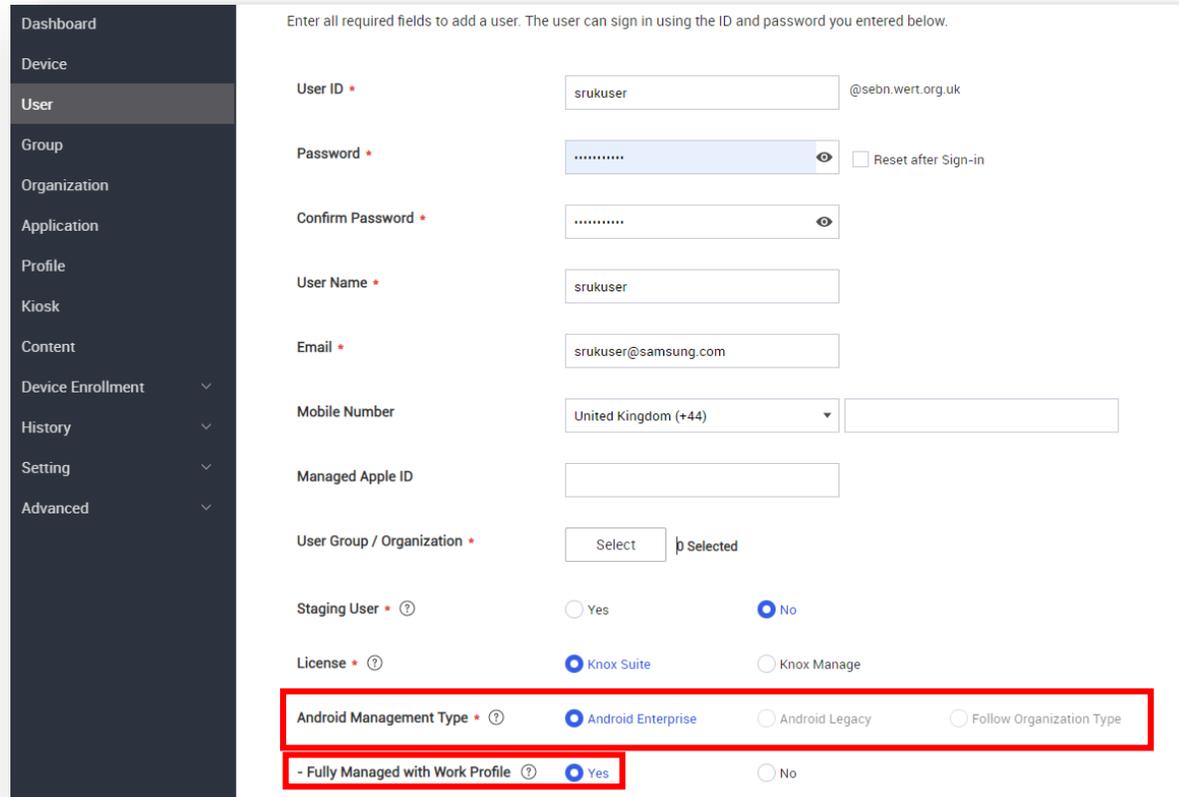


Mention of device belonging to your organization on lock screen

## Android Enterprise Fully Managed Device with a Work Profile (COMP) Deployment

To enroll a device in the Android Enterprise Fully Managed Device with a Work Profile deployment type, the final pre requisite is you need to ensure that Android Enterprise is defined at the user level under Android Manage Type and “Yes” is selected for Fully Managed with Work Profile

- Go to *User -> Choose Add or Select modify an existing user -> Android Manage Type = Android Enterprise*
- *Fully Managed with Work Profile = Yes for COMP*



Enter all required fields to add a user. The user can sign in using the ID and password you entered below.

User ID \*  @sebn.wert.org.uk

Password \*   Reset after Sign-in

Confirm Password \*

User Name \*

Email \*

Mobile Number

Managed Apple ID

User Group / Organization \*  Selected

Staging User \*  Yes  No

License \*  Knox Suite  Knox Manage

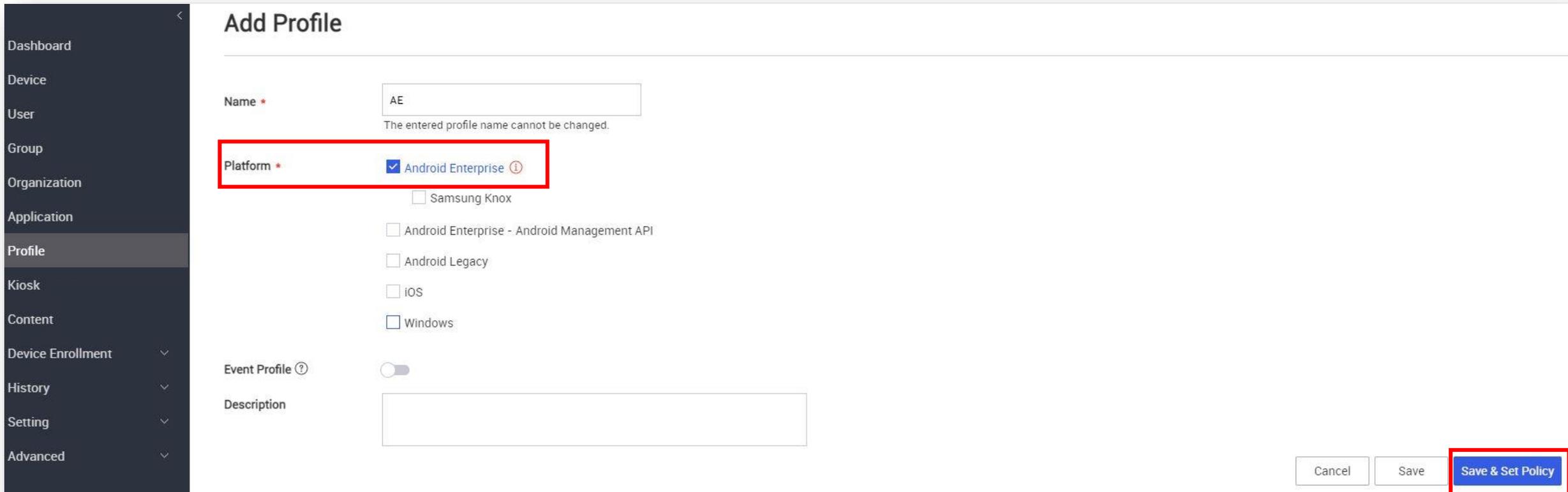
Android Management Type \*  Android Enterprise  Android Legacy  Follow Organization Type

- Fully Managed with Work Profile \*  Yes  No

## Android Enterprise Fully Managed Device with a Work Profile (COMP)

Create and assign a profile to the group where the user to be enrolled resides.

- Go to *Profile > Add* -> *Fill in a name under Name* -> *Platform = Android Enterprise*
- Select *Save & Set Policy* to set policy and assign to the right group where the user resides.



The screenshot shows the 'Add Profile' configuration page. On the left is a dark sidebar with navigation options: Dashboard, Device, User, Group, Organization, Application, Profile (highlighted), Kiosk, Content, Device Enrollment, History, Setting, and Advanced. The main content area is titled 'Add Profile' and contains the following fields:

- Name \***: A text input field containing 'AE'. Below it is a note: 'The entered profile name cannot be changed.'
- Platform \***: A dropdown menu with 'Android Enterprise' selected and highlighted by a red box. Other options include Samsung Knox, Android Enterprise - Android Management API, Android Legacy, iOS, and Windows.
- Event Profile ?**: A toggle switch currently turned off.
- Description**: A large empty text area.

At the bottom right, there are three buttons: 'Cancel', 'Save', and 'Save & Set Policy', with the latter being highlighted by a red box.

# Android Enterprise: Fully Managed Device with a Work Profile (COMP)

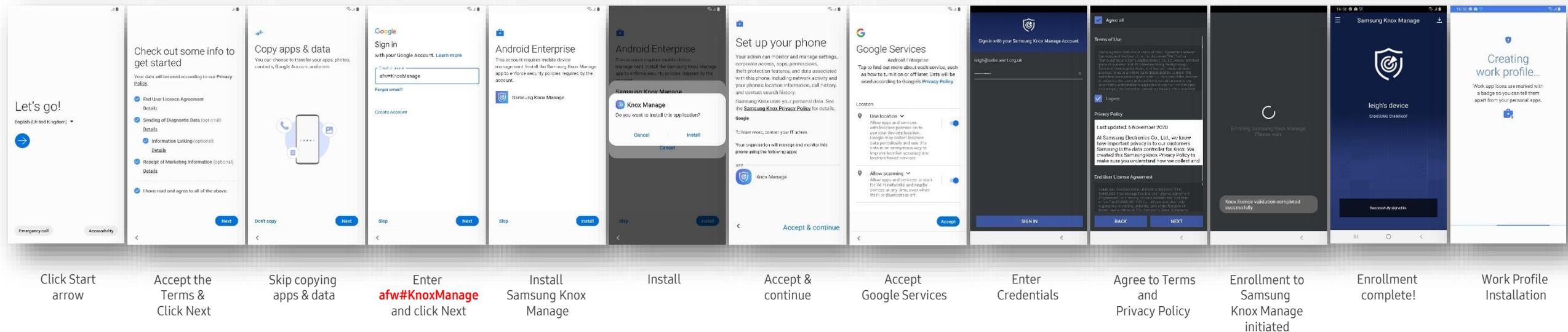


## Android Enterprise Fully Managed Device with a Work Profile (COMP) Deployment

To enroll your device as an Android Enterprise Fully Managed Device with a Work Profile, you need to ensure the device is factory reset and at the welcome screen. From here, there are 3 ways you can enroll your device into Samsung Knox Manage as an Android Enterprise Fully Managed Device with a Work Profile.

1. DPC Identifier [Also known as the hashtag method] **afw#KnoxManage**
2. QR Code Enrollment
3. Knox Mobile Enrollment

- Below is a screen-by-screen play to enroll your device using the DPC Identifier method



# Android Enterprise: Fully Managed Device with a Work Profile (COMP)

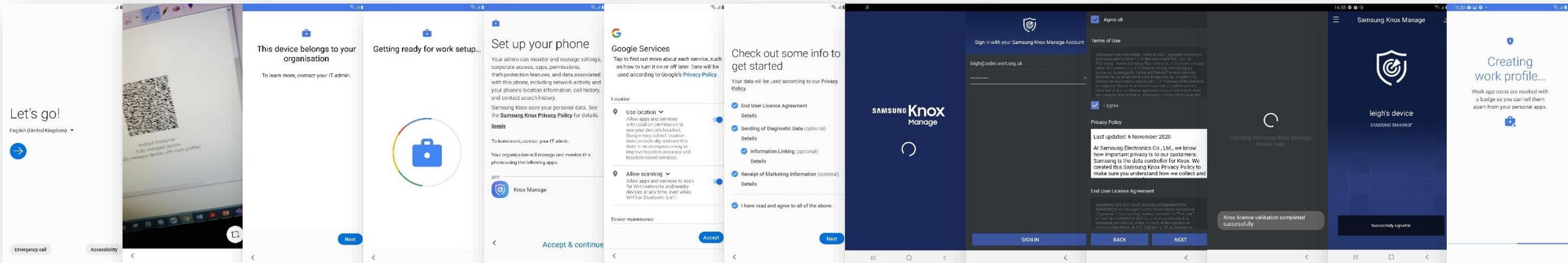


## Android Enterprise Fully Managed Device with a Work Profile (COMP) Deployment

To enroll your device as an Android Enterprise Fully Managed Device with a Work Profile, you need to ensure the device is factory reset and at the welcome screen. From here, there are 3 ways you can enroll your device into Samsung Knox Manage as an Android Enterprise Fully Managed Device with a Work Profile.

1. DPC Identifier [Also known as the hashtag method] **afw#KnoxManage**
2. QR Code Enrollment
3. Knox Mobile Enrollment

- Below is a screen-by-screen play to enroll your device using the QR Code method



At the Start screen tap 6 times    Scan the QR Code received in the email sent when creating the User    After connecting To Wi-Fi note device ownership and Click Next    Getting ready for work setup    Accept & continue    Accept Google Services    Accept the Terms and Click Next    Enter Credentials and Click SIGN IN    Agree to Terms & Privacy Policy then Click NEXT    Knox Manage Enrollment and License Validation    Enrollment Completed    Work Profile installation

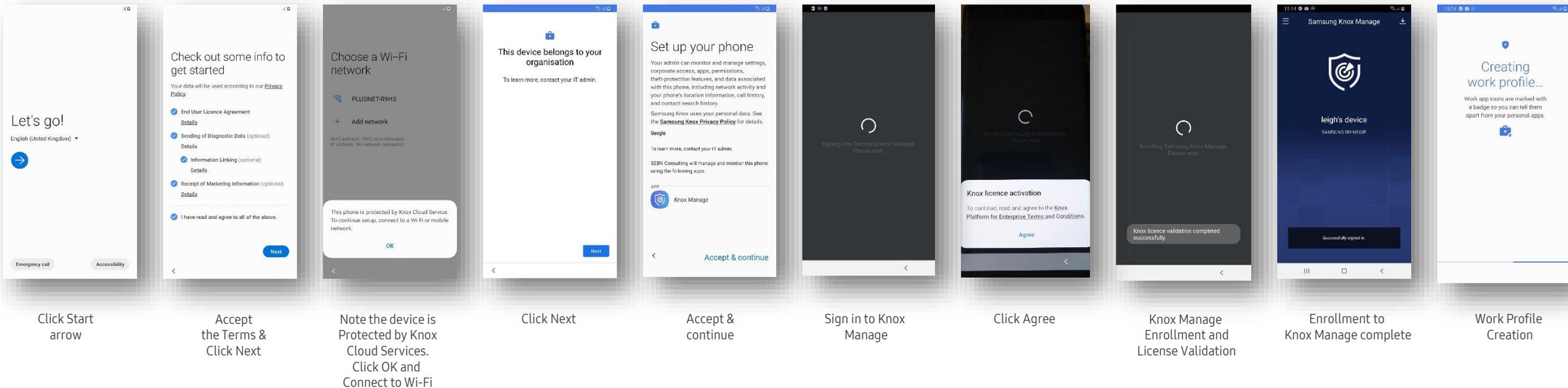
## Android Enterprise Fully Managed Device with a Work Profile (COMP) Deployment

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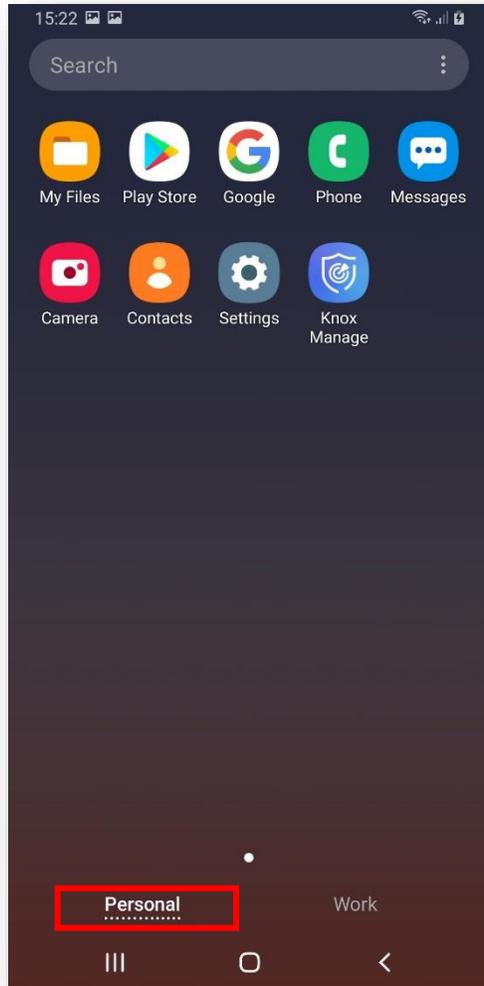
Install

- Below is a screen-by-screen play to enroll your device using the Knox Mobile Enrollment (KME) method

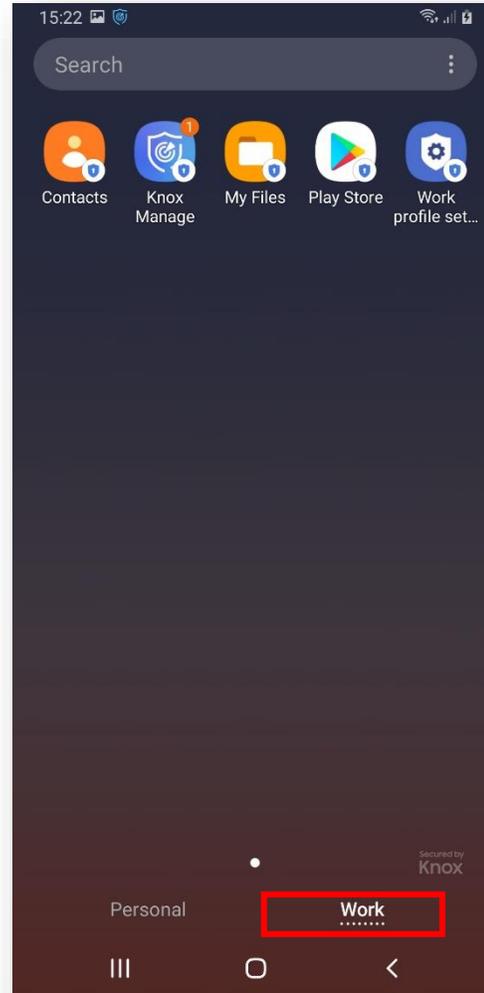


# Android Enterprise: Fully Managed with a Work Profile Enrollment

How to tell that Fully Managed with a Work Profile has been successfully set up:



Personal Tab



Work Tab

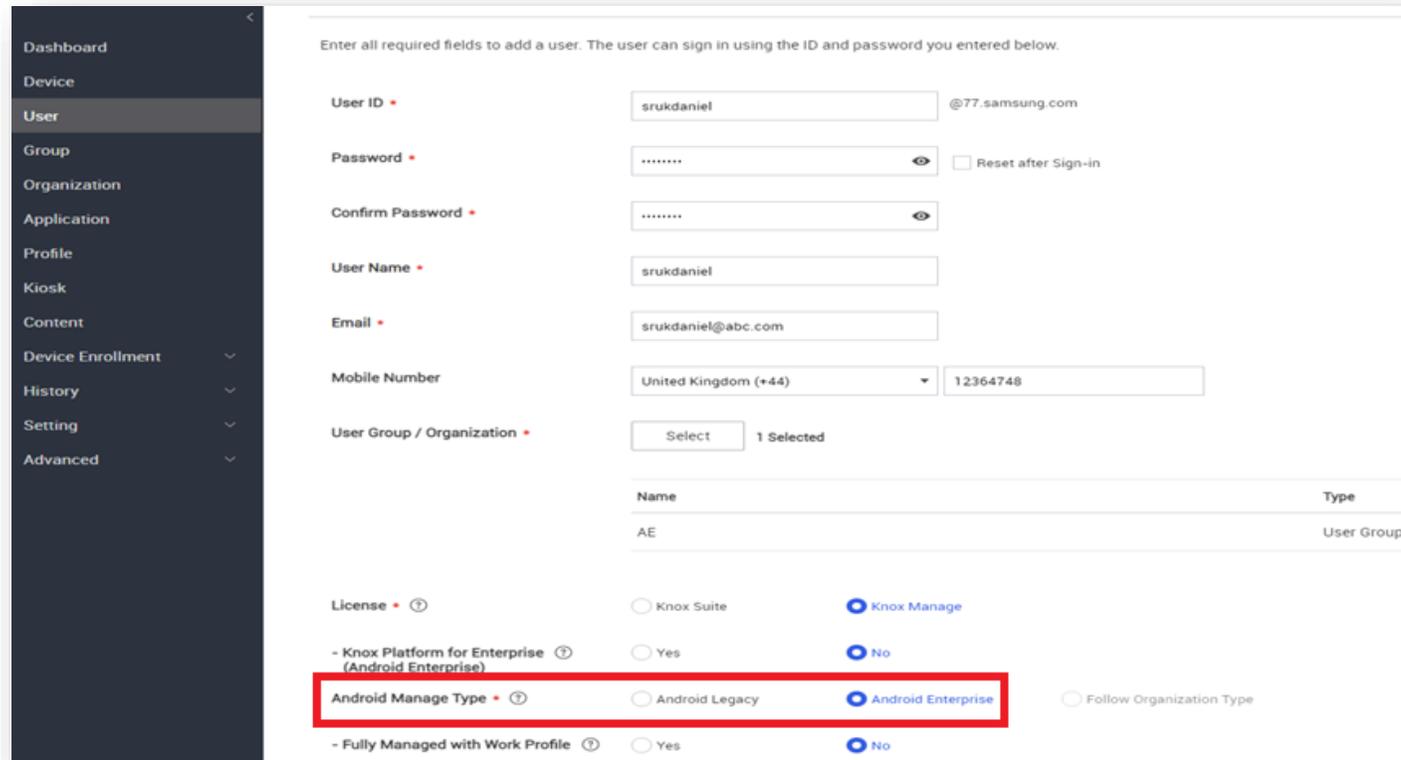


Device is managed by your organization on lock screen

## Android Enterprise Work Profile on a Company Owned Device (WPC) Deployment

To enroll a device in the Android Enterprise Work Profile on a Company Owned Device deployment type, the final pre requisite is you need to ensure that Android Enterprise is defined at the user level under Android Manage Type and “Yes” is selected for Fully Managed with Work Profile

- Go to *User -> Choose Add or Select modify an existing user -> Android Manage Type = Android Enterprise = Yes*
- *Fully Managed with Work Profile = No for WPC*



Enter all required fields to add a user. The user can sign in using the ID and password you entered below.

User ID \*  @77.samsung.com

Password \*   Reset after Sign-in

Confirm Password \*

User Name \*

Email \*

Mobile Number

User Group / Organization \*  1 Selected

Name	Type
AE	User Group

License \* ⓘ  Knox Suite  Knox Manage

- Knox Platform for Enterprise ⓘ (Android Enterprise)  Yes  No

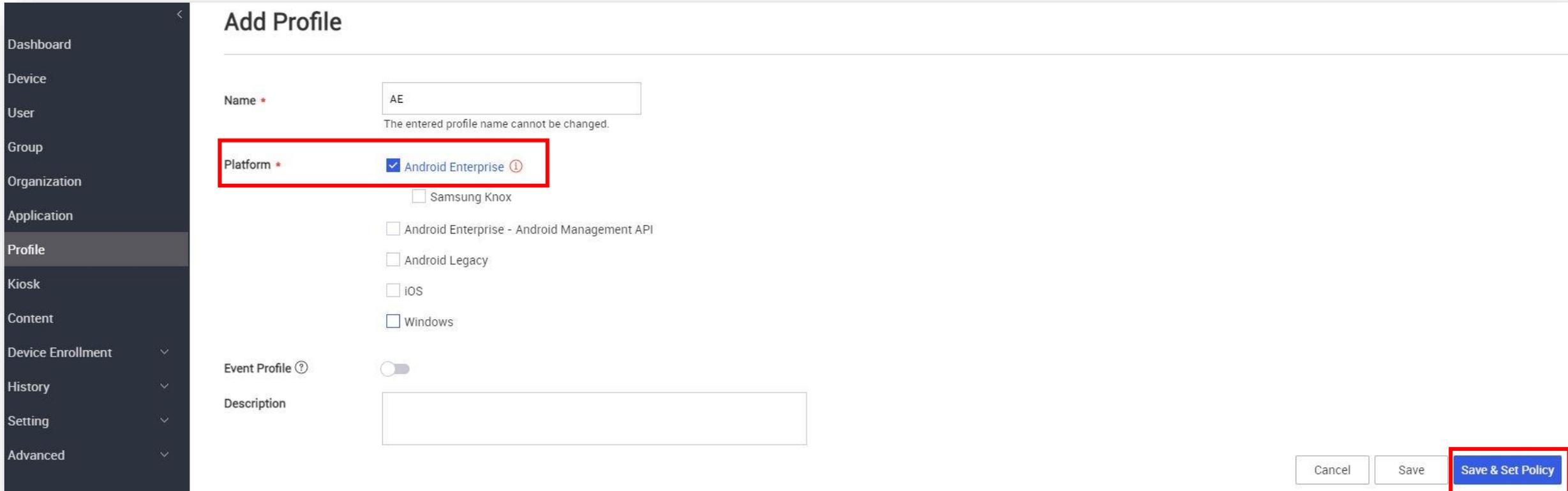
**Android Manage Type \* ⓘ**  Android Legacy  **Android Enterprise**  Follow Organization Type

- Fully Managed with Work Profile ⓘ  Yes  No

## Android Enterprise Work Profile on a Company Owned Device (WPC)

Create and assign a profile to the group where the user to be enrolled resides.

- Go to *Profile > Add* -> *Fill in a name under Name* -> *Platform = Android Enterprise*
- Select *Save & Set Policy* to set policy and assign to the right group where the user resides.



The screenshot shows the 'Add Profile' configuration page. On the left is a dark sidebar with navigation options: Dashboard, Device, User, Group, Organization, Application, Profile (highlighted), Kiosk, Content, Device Enrollment, History, Setting, and Advanced. The main content area is titled 'Add Profile' and contains the following fields:

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- Description**: A large empty text area.

At the bottom right, there are three buttons: 'Cancel', 'Save', and 'Save & Set Policy', with the latter being highlighted by a red box.

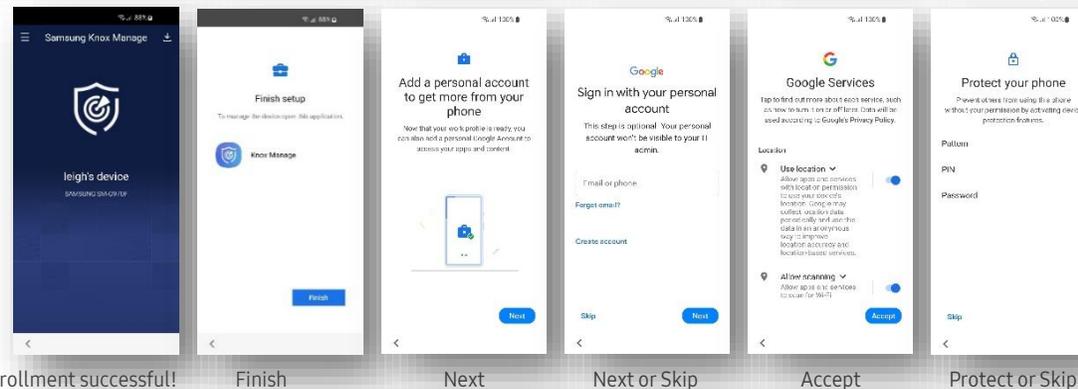
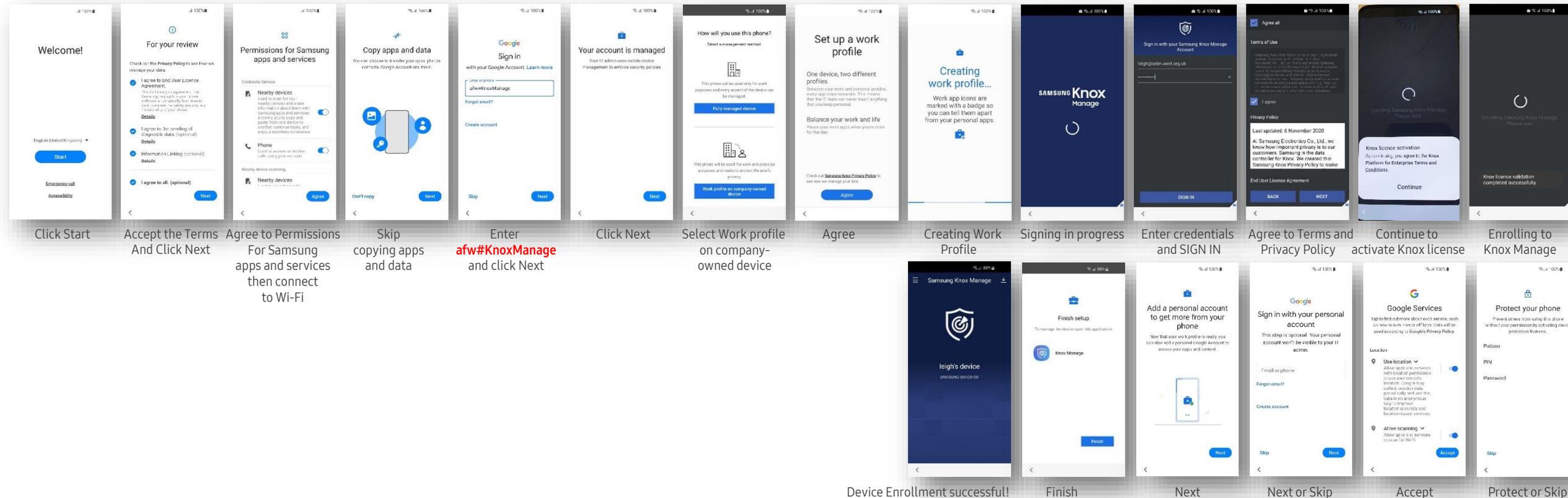
# Android Enterprise: Work Profile on a Company Owned Device (WPC)

## Android Enterprise Work Profile on a Company Owned Device (WPC) Deployment

There are 3 ways you can enroll your device into Samsung Knox Manage as an Android Enterprise Work Profile on a Company Owned Device (WPC)

1. DPC Identifier [Also known as the hashtag method] **afw#KnoxManage**
2. QR Code Enrollment
3. Knox Mobile Enrollment

Below is a screen-by-screen play to enroll your device using the DPC Identifier method.



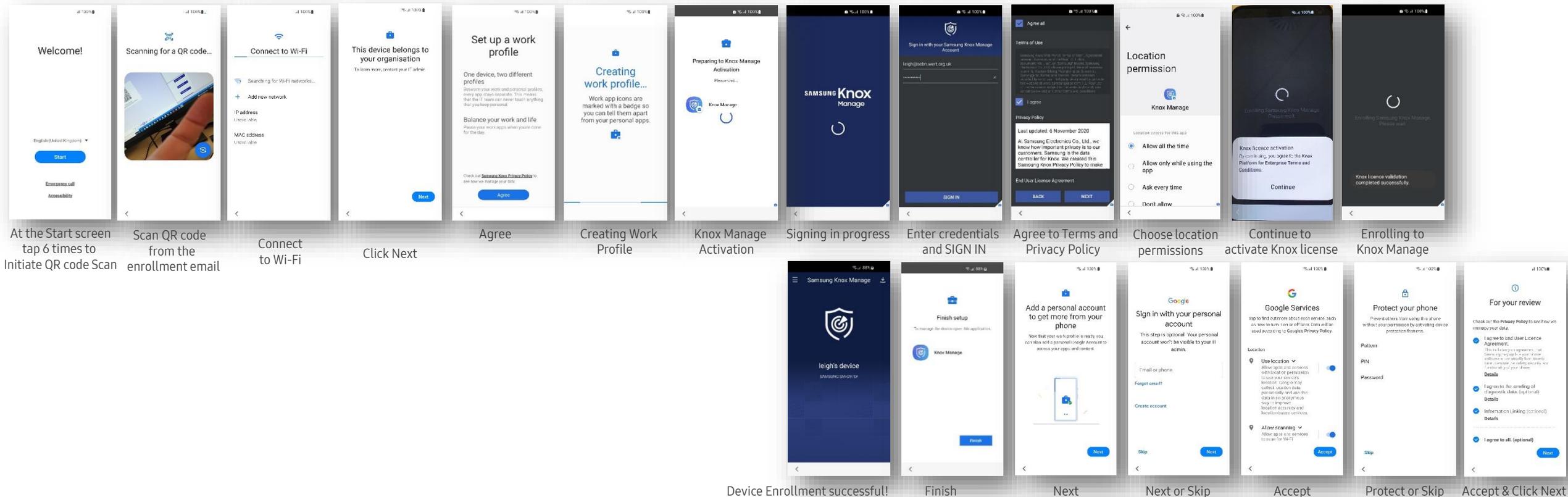
# Android Enterprise: Work Profile on a Company Owned Device (WPC)



## Android Enterprise Work Profile on a Company Owned Device (WPC) Deployment

There are 3 ways you can enroll your device into Samsung Knox Manage as an Android Enterprise Work Profile on a Company Owned Device (WPC)

1. DPC Identifier [Also known as the hashtag method] **afw#KnoxManage**
  2. QR Code Enrollment
  3. Knox Mobile Enrollment
- Below is a screen-by-screen play to enroll your device using the QR Code method.



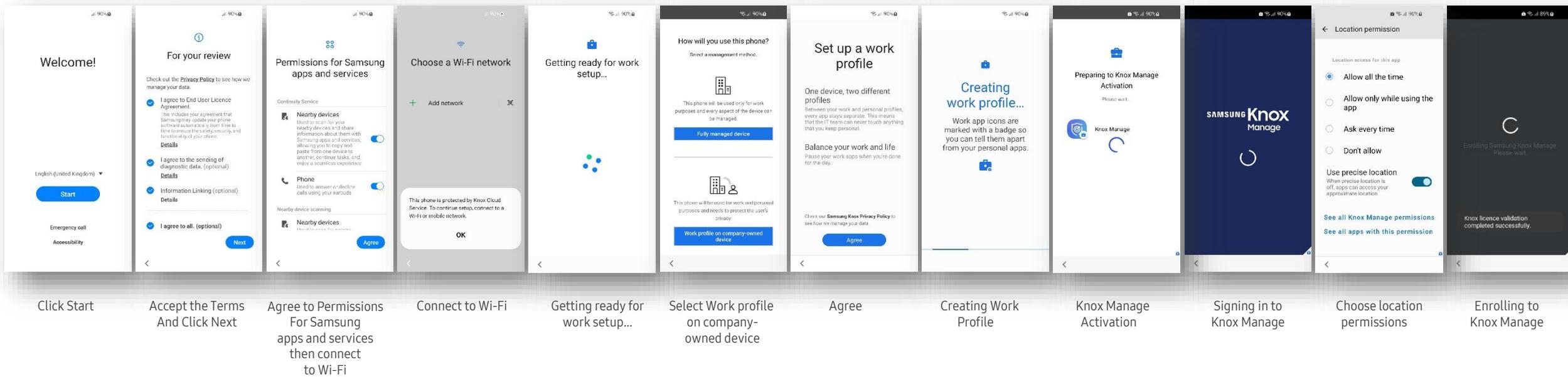
# Android Enterprise: Work Profile on a Company Owned Device (WPC)

## Android Enterprise Work Profile on a Company Owned Device (WPC) Deployment

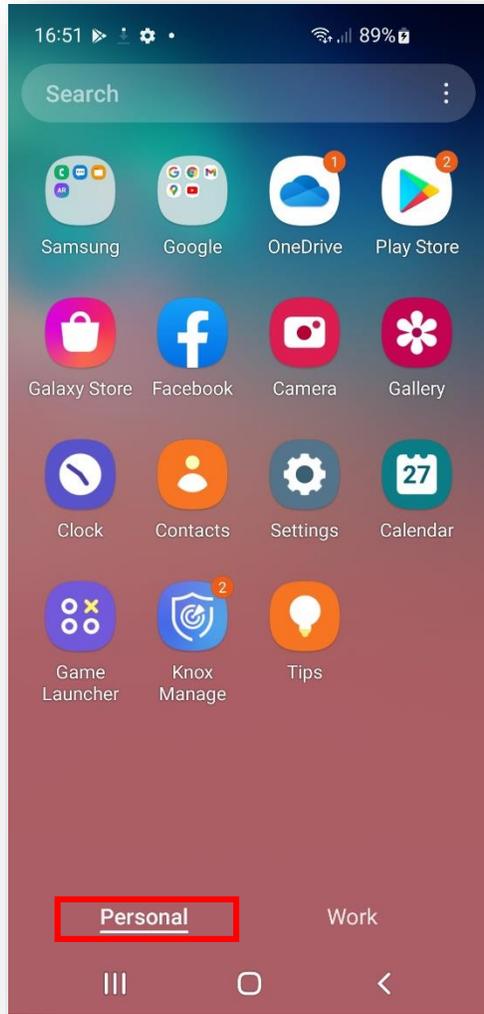
There are 3 ways you can enroll your device into Samsung Knox Manage as an Android Enterprise Work Profile on a Company Owned Device (WPC)

1. DPC Identifier [Also known as the hashtag method] **afw#KnoxManage**
2. QR Code Enrollment
3. Knox Mobile Enrollment

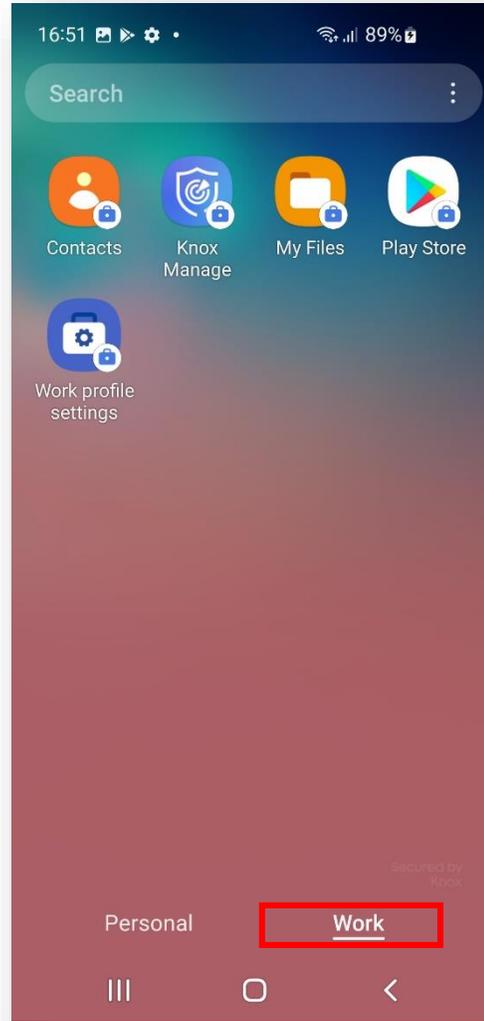
• Below is a screen-by-screen play to enroll your device using the Knox Mobile Enrollment (KME) method.



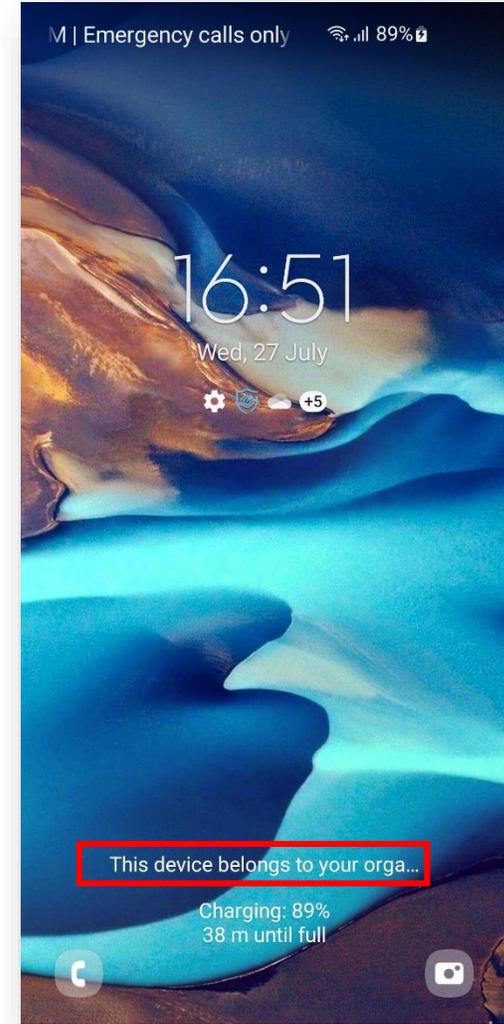
How to tell that Work Profile on a Company Owned Device has been successfully set up:



Personal Tab



Work Tab



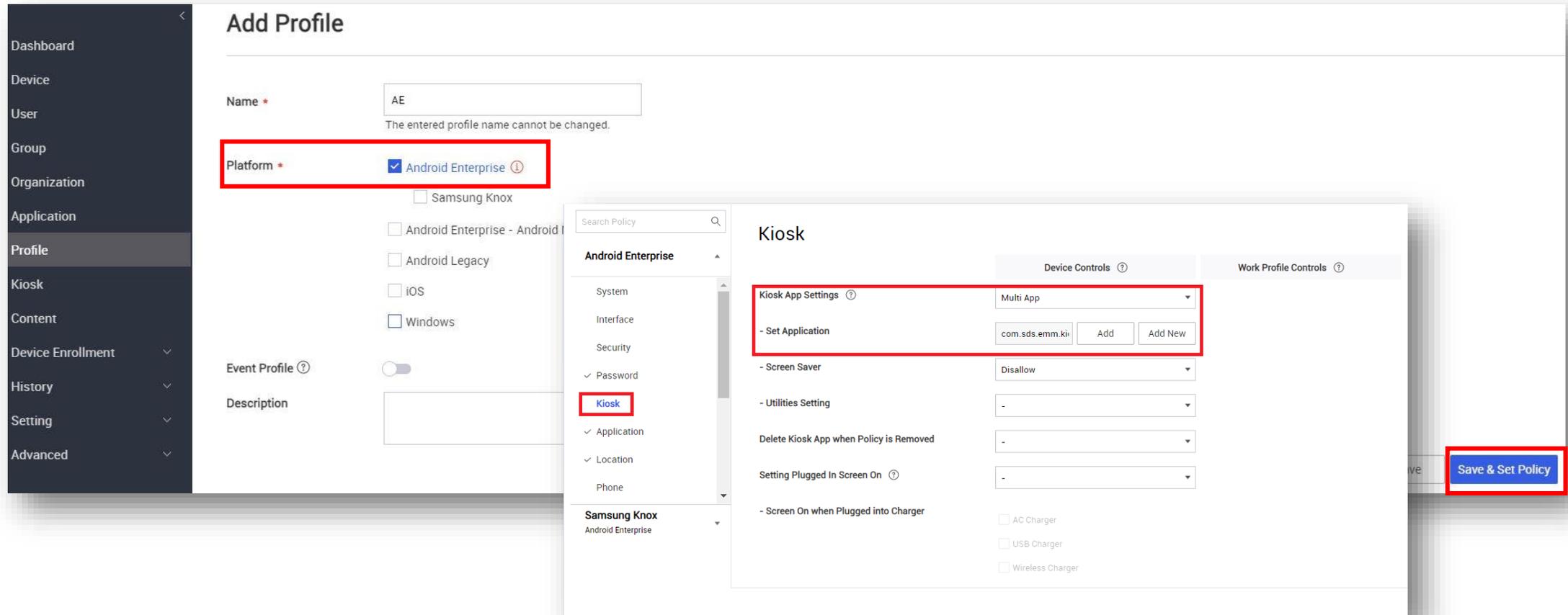
Device is managed by your organization on lock screen

# Android Enterprise: Dedicated Device

## Android Enterprise Dedicated Device

To ensure that the right enrollment type is set up for Dedicated Device, ensure that

- Create Work Profile on Fully Managed is not ticked and assign this profile to the group where the user to be enrolled resides.
- Kiosk app settings are configured.
- Go to *Profile > Add -> Fill in a name under Name -> Platform = Android Enterprise*
- *Select Save & Set Policy Under Android Enterprise go to Kiosk > Kiosk app settings > Select Kiosk type i.e. Multi app > Select if there is an existing kiosk app or Add to create a new one > Save & Assign*



The screenshot displays the 'Add Profile' configuration page in the management console. The 'Name' field is set to 'AE'. The 'Platform' dropdown is set to 'Android Enterprise', which is highlighted with a red box. Below this, there are checkboxes for 'Samsung Knox', 'Android Enterprise - Android', 'Android Legacy', 'iOS', and 'Windows'. The 'Event Profile' toggle is turned off. The 'Description' field is empty.

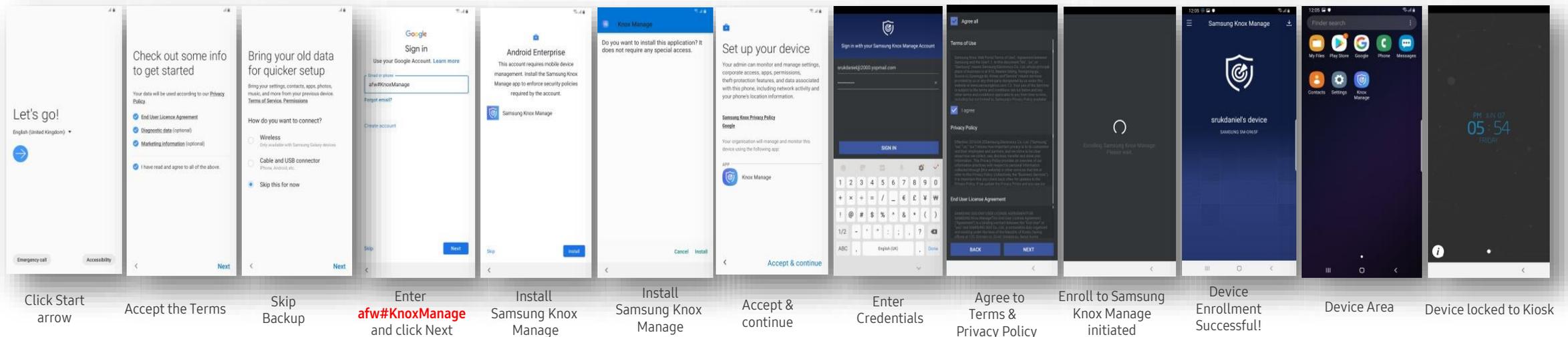
An inset window shows the 'Kiosk' configuration page. The 'Kiosk App Settings' section is highlighted with a red box, showing the 'Multi App' dropdown and the '- Set Application' field with the value 'com.sds.emm.kii'. There are 'Add' and 'Add New' buttons next to the application field. Other settings include 'Screen Saver' (Disallow), 'Utilities Setting' (-), 'Delete Kiosk App when Policy is Removed' (-), 'Setting Plugged In Screen On' (-), and 'Screen On when Plugged into Charger' (with checkboxes for AC, USB, and Wireless Charger). A 'Save & Set Policy' button is highlighted with a red box at the bottom right of the inset.

## Android Enterprise Dedicated Device Deployment

To enroll your device as an Android Enterprise Dedicated Device, you need to ensure the device is factory reset and at the welcome screen. From here, there are 3 ways you can enroll your device into Samsung Knox Manage as an Android Enterprise Dedicated Device.

1. DPC Identifier [Also known as the hashtag method] **afw#KnoxManage**
2. QR Code Enrollment
3. Knox Mobile Enrollment

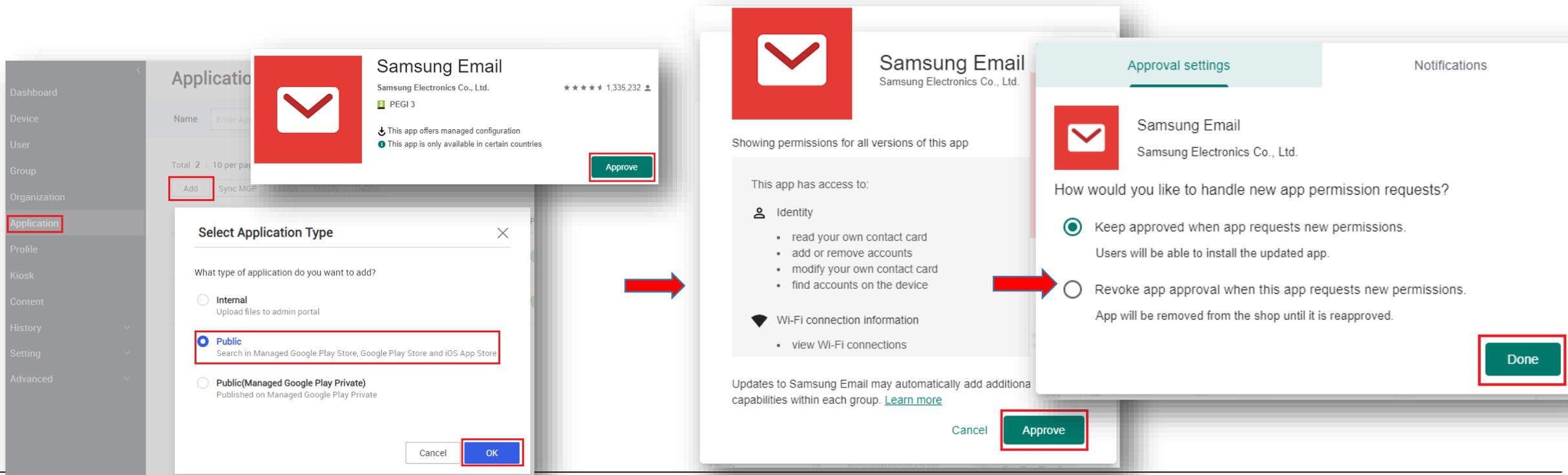
- Below is a screen-by-screen to enroll your device using the DPC Identifier method.



## Managed Google Play Configuration

In the Configuring Android Enterprise section of this document, we completed the majority of the work needed to configure applications to be used for Managed Google Play. All we have left to do is the following:

- In Samsung Knox Manage console, go to **Applications** -> **Add** -> **Public**-> enter an app Name i.e Samsung Email
- Search for the App you want to distribute. Click the **APPROVE** button.
- APPROVE the App Permission request
- Choose how you would like to handle new app permission requests and then click **Done**



# Managed Google Play Configuration

Now we have approved an application we would like to distribute in Samsung Knox Manage

- Select **Save & Assign** to be able to see the app listed as Google Managed app

The screenshot shows the configuration page for the 'Samsung Email' application. The left sidebar contains navigation options: User, Group, Organization, Application (selected), Profile, Kiosk, Content, History, Setting, and Advanced. The main content area includes the following fields:

- Name:** Samsung Email
- Version:** 6.1.12.1
- Package Name:** com.samsung.android.email.provider
- URL:** https://play.google.com/store/apps/details?id=com.samsung.android.email.provider&hl=en
- Platform & Source:** Android Managed Google Play Store
- Type:** Public
- Category:** Common (with a 'Manage Category' link)
- Unassign Option:**  Uninstall app when unassigned
- Description:** Experience powerful and Reliable email client on your Galaxy.
- Icon:** A red envelope icon.
- Screenshot:** A collage of four screenshots showing the email app's interface, including an inbox, a list of emails, a detailed email view, and a keyboard overlay.

At the bottom of the configuration page, there are three buttons: 'Cancel', 'Save', and 'Save & Assign'. The 'Save & Assign' button is highlighted with a red border.

OK to save and assign the app

The modal dialog box has a title 'Save & Assign' and a close button (X) in the top right corner. The main text asks, 'Do you want to save and assign this application?'. At the bottom, there are two buttons: 'Cancel' and 'OK'. The 'OK' button is highlighted with a red border.

# Managed Google Play Configuration

Following the previous slide, we need now to select a group where user resides

- Target device = **Android Enterprise** -> Select **Set Configuration** under **Managed Configuration** in relation to AppConfig explained at next slide -> Target Type -> Select the group where user resides -> **Assign** -> **OK**

**Assign Application**

Samsung Email Android Managed Google Play Store | Public

Target Device  Android Legacy  **Android Enterprise**  Android Legacy + Enterprise

Android Enterprise Settings

Install Area Work Profile + Fully Managed + Fully Managed with Work Profile

Install Type  Manual  **Automatic (Removable)**

Auto-run after Install  Yes  **No**

Managed Configuration  **Set Configuration**  No Setting

Target

Target Type  **Group**  Organization

1 item(s) selected | Total 2

Group Name	Type	User	Device	Device Type
<input checked="" type="checkbox"/> AE	User	3	0	
<input type="checkbox"/> efota	Device	0	0	

Do you want to assign the application(s) as below?

Target AE

Samsung Email Android Managed Google Play Store | Public

Android Enterprise Install Area Work Profile + Fully Managed + Fully Managed with Work Profile

Install Type Automatic (Removable)

Auto-run after Install No

Managed Configuration No Setting

Cancel

Cancel

# AppConfig on Samsung Knox Manage

## AppConfig

AppConfig enables you to send down application configuration profiles along with your managed apps when you distribute them through your Managed Google Play Store. This saves on having to have the UEM implement the required APIs for the app you are using so you can remotely configure it. To use AppConfig on Samsung Knox Manage, follow the instructions below.

- Following previous slide **Select Set Configuration -> enter variable as \$emailaddress\$ for Email address and \$username\$ for User name**

The screenshot displays the Samsung Knox Manage interface for configuring the Samsung Email application. The left sidebar shows the navigation menu with 'Application' highlighted. The main content area shows the configuration options for the Samsung Email application, including 'Target Device', 'Android Enterprise Settings', 'Install Area', 'Install Type', 'Auto-run after Install', and 'Managed Configuration'. The 'Managed Configuration' section has a 'Set Configuration' button highlighted with a red box and an arrow pointing to it. A modal window titled 'Managed Configuration' is open, showing the 'Exchange ActiveSync accounts list' with fields for 'Email address' (containing '\$emailaddress\$'), 'User name' (containing '\$username\$'), and 'Account password'. The 'Save' button is visible at the bottom right of the modal.

## Knox Platform for Enterprise : Standard Edition

The Knox Platform for Enterprise solution provides a robust set of features on top of the core Android Enterprise platform, to fill security and management gaps and meet the strict requirements of highly regulated industries.

The Knox Platform for Enterprise solution comes in a two tiered offering:

- Knox Platform for Enterprise : Standard Edition [FREE]
- Knox Platform for Enterprise : Premium Edition [FREE or \$]

Knox Platform for Enterprise : Standard Edition offers free additional policies you can use to provide enhanced security, manageability and usability over your Samsung device fleet, running Android Enterprise on Android 8.0 or above.



## Configure KPE : Standard Edition on Samsung Knox Manage

Pre requisite, Samsung Knox option needs to be ticked at the Profile level.

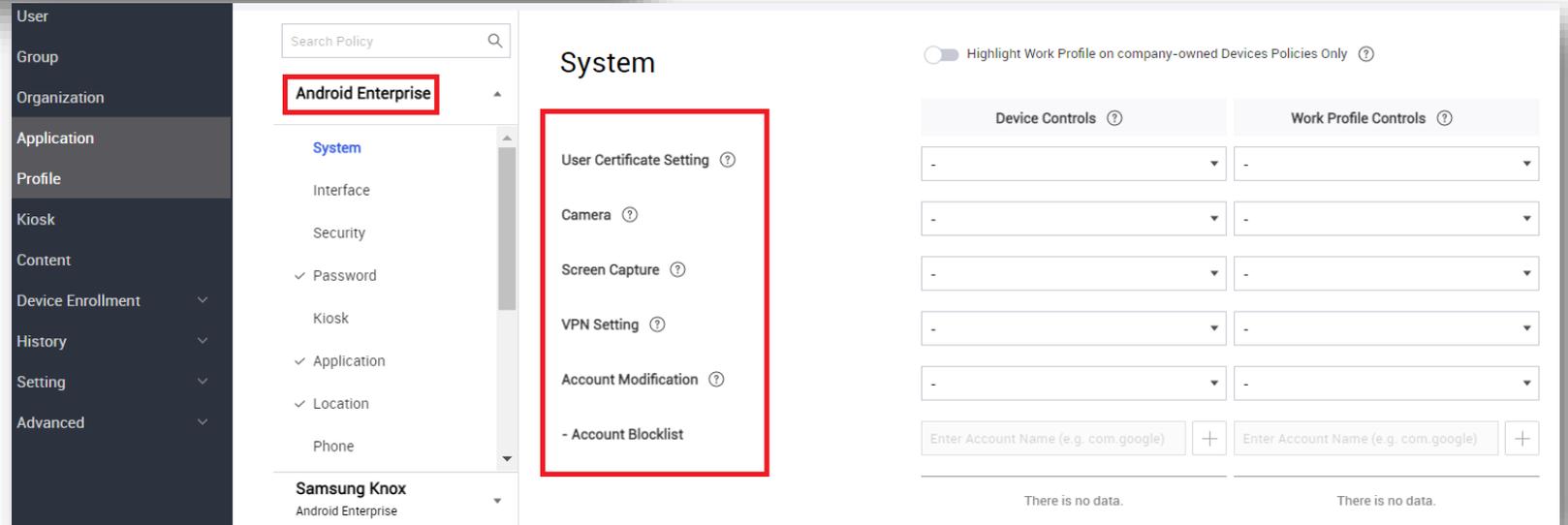
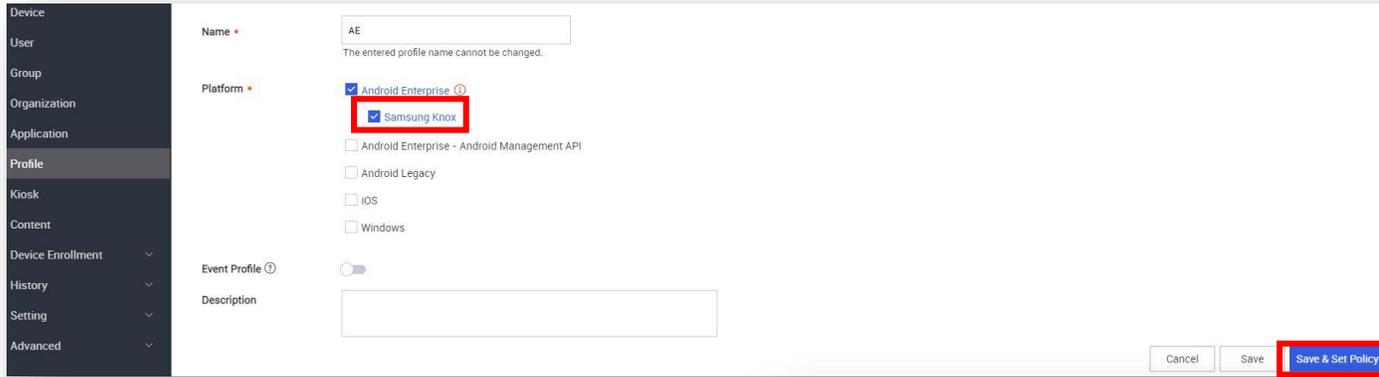
- Navigate to **Profile** -> Select Existing profile or **Add** for new profile -> i.e. Existing one, go to **Modify Profile Info.** -> Select **Samsung Knox** to enable KPE Standard API -> **Android Enterprise & Samsung Knox Settings** prompt will be displayed -> **OK** -> **Select Add & Approve** to add the KSP Application
- Now that KSP app is approved, double check that **Samsung Knox** is ticked at the profile level; please see next slide

The image shows two screenshots from the Samsung Knox Manage interface. The left screenshot shows the 'Profile' settings page with the 'Samsung Knox' checkbox checked and highlighted by a red box. A dialog box titled 'Android Enterprise & Samsung Knox Settings' is displayed, asking if the user wants to go to the Android Enterprise menu, with the 'OK' button highlighted by a red box. The right screenshot shows the 'Knox Service Plugin Application' settings page with the 'Add & Approve' button highlighted by a red box. A modal window titled 'Add & Approve KSP Application' is open, showing a list of permissions for the application, with the 'Approve' button highlighted by a red box.

## Configure KPE : Standard Edition on Samsung Knox Manage

To take advantage of the free additional APIs available in KPE Standard Edition, now that Samsung Knox is ticked at profile level simply complete the instructions below.

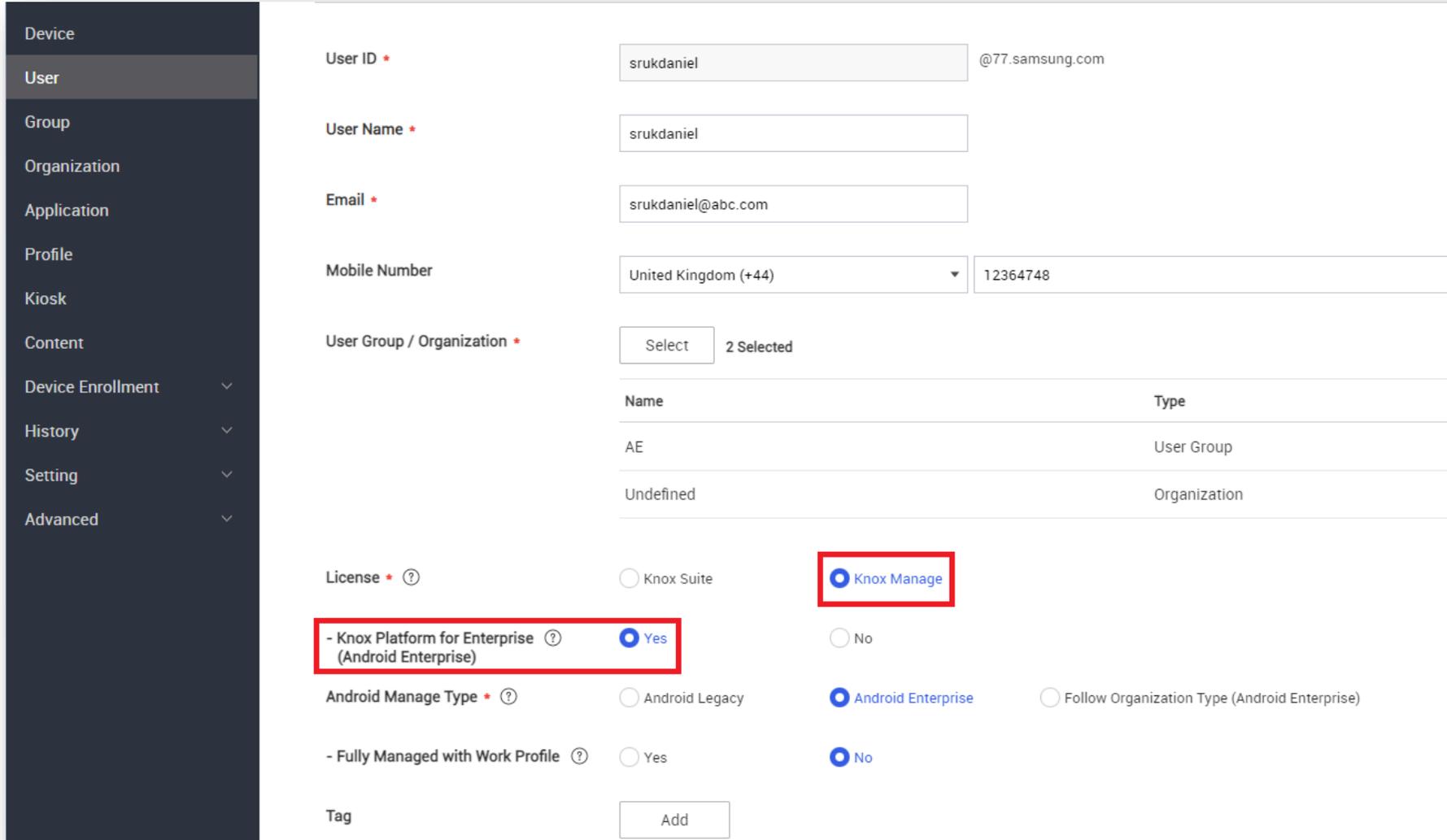
- To set policy, select **Save & Set Policy** -> KPE Standard API will be listed under **Samsung Knox Android Enterprise** without the Crown icon



# Knox Platform for Enterprise : Premium Edition using KPE Key

Pre requisite:

- Both Knox Manage and Knox Platform for Enterprise license keys are available in Knox Manage Console (**Settings → License**)
- At the user level, select **Knox Manage** as License type and tick **Yes** for **Knox Platform for Enterprise (Android Enterprise)**



**User ID \*** srukdaniel @77.samsung.com

**User Name \*** srukdaniel

**Email \*** srukdaniel@abc.com

**Mobile Number** United Kingdom (+44) 12364748

**User Group / Organization \*** Select 2 Selected

Name	Type
AE	User Group
Undefined	Organization

**License \***  Knox Suite  **Knox Manage**

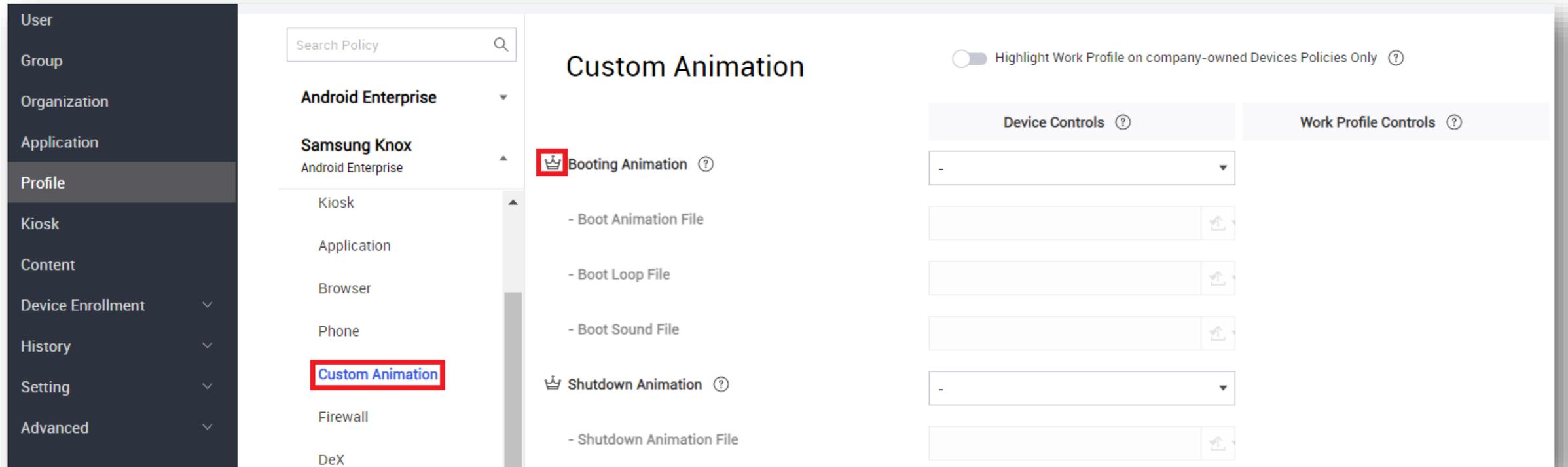
**- Knox Platform for Enterprise (Android Enterprise) ?**  **Yes**  No

**Android Manage Type \***  Android Legacy  **Android Enterprise**  Follow Organization Type (Android Enterprise)

**- Fully Managed with Work Profile ?**  Yes  **No**

**Tag** Add

- To use Knox Platform for Enterprise Premium edition API -> Navigate to your profile and KPE Premium API will be listed under **Samsung Knox Android Enterprise** with Crown icon 

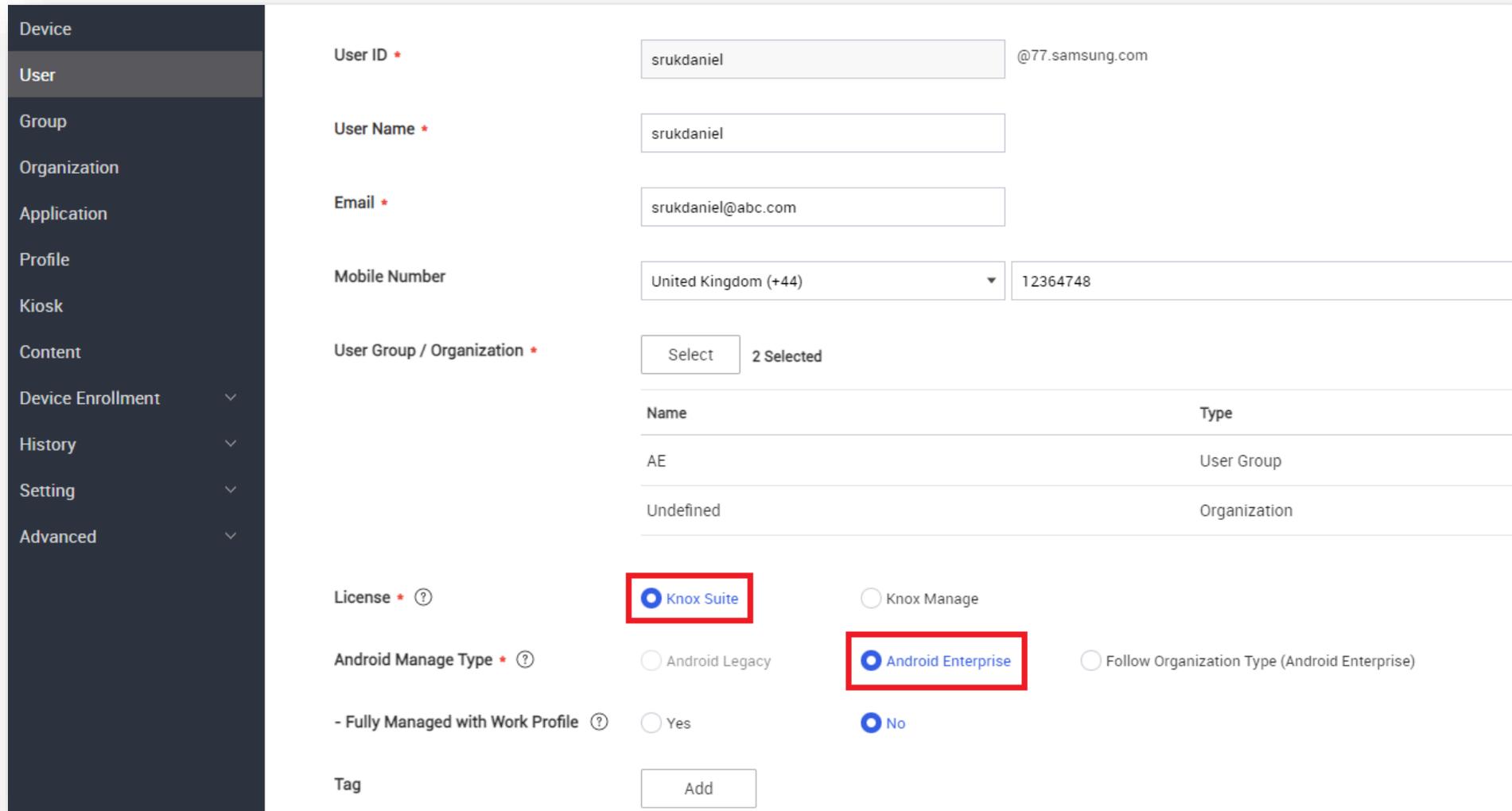


The screenshot displays the Knox Platform for Enterprise Premium Edition interface. On the left is a dark navigation sidebar with the following menu items: User, Group, Organization, Application, Profile (highlighted), Kiosk, Content, Device Enrollment, History, Setting, and Advanced. The main content area is titled "Custom Animation" and features a search bar at the top left. Below the search bar, a list of categories is shown: Android Enterprise, Samsung Knox (with a crown icon), Android Enterprise, Kiosk, Application, Browser, Phone, Custom Animation (highlighted with a red box), Firewall, and DeX. The "Custom Animation" section contains two main areas: "Device Controls" and "Work Profile Controls". Under "Device Controls", there are two sections: "Booting Animation" (with a crown icon) and "Shutdown Animation" (with a crown icon). Each section has a dropdown menu (currently showing "-") and a file upload field with an upload icon. The "Booting Animation" section also lists "- Boot Animation File", "- Boot Loop File", and "- Boot Sound File". The "Shutdown Animation" section lists "- Shutdown Animation File". A toggle switch at the top right is labeled "Highlight Work Profile on company-owned Devices Policies Only".

# Knox Platform for Enterprise : Premium Edition using Knox Suite Key

Pre requisite:

- Knox Suite license is available in Knox Manage Console (**Settings** → **License**)
- At the user level, select **Knox Suite** as License type



User ID \*  @77.samsung.com

User Name \*

Email \*

Mobile Number

User Group / Organization \*  2 Selected

Name	Type
AE	User Group
Undefined	Organization

License \*  Knox Suite  Knox Manage

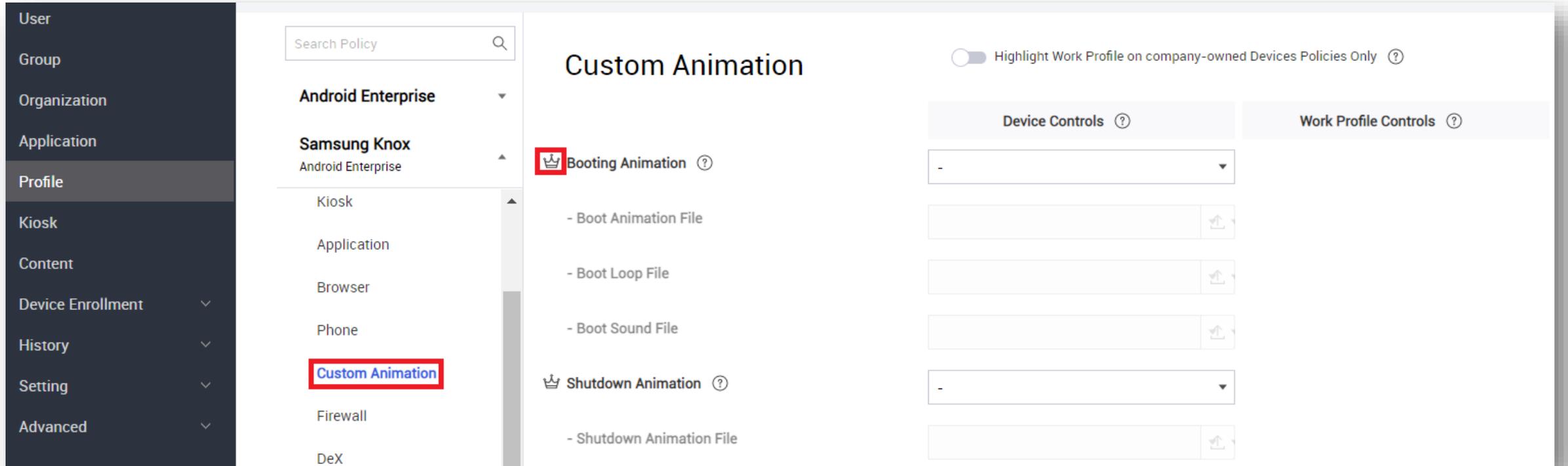
Android Manage Type \*  Android Legacy  Android Enterprise  Follow Organization Type (Android Enterprise)

- Fully Managed with Work Profile  Yes  No

Tag

# Knox Platform for Enterprise : Premium Edition using Knox Suite Key

- To use Knox Platform for Enterprise Premium edition API -> Navigate to your profile and KPE Premium API will be listed under **Samsung Knox Android Enterprise**  Crown icon



The screenshot displays the Knox Platform for Enterprise Premium Edition interface. On the left is a dark navigation sidebar with the following menu items: User, Group, Organization, Application, Profile (highlighted), Kiosk, Content, Device Enrollment, History, Setting, and Advanced. The main content area is titled "Custom Animation" and features a search bar at the top left. Below the search bar, a list of categories is shown: Android Enterprise, Samsung Knox (with a crown icon), Kiosk, Application, Browser, Phone, Custom Animation (highlighted with a red box), Firewall, and DeX. The "Custom Animation" section contains two main settings: "Booting Animation" (with a crown icon and a red box) and "Shutdown Animation" (with a crown icon). Each setting has a dropdown menu currently set to "-" and a file upload button. Below these are four file upload fields: "- Boot Animation File", "- Boot Loop File", "- Boot Sound File", and "- Shutdown Animation File". At the top right of the main content area, there is a toggle switch labeled "Highlight Work Profile on company-owned Devices Policies Only" which is currently turned off. Below this toggle are two tabs: "Device Controls" and "Work Profile Controls".

# Knox Service Plugin [KSP]

License & features type :

Knox Manage	Knox Manage + KPE	Knox Suite
Standard features	Standard & Premium Features	Standard & Premium Features

Knox Service Plugin app addition and approval was explained in Slide 30.

To use Knox Service Plugin -> Navigate to your profile -> Samsung Knox Android Enterprise -> Knox Service Plugin -> Choose the required policy

The screenshot shows the 'Set Policy' interface in the Knox Manage console. The left sidebar contains a navigation menu with 'Knox Service Plugin' highlighted. The main area displays the configuration for the 'Knox Service Plugin' policy. Key settings include: 'KPE Premium or Knox Suite License key' (with a 'Lookup' button), 'Debug Mode' set to 'True', 'Separated Apps policies', 'Device-wide policies' (with a note about applicability to Fully Manage Device (DO) or Work Profile-on company owned devices (WP-C) mode), 'Enable device policy controls' set to 'True', 'DeX policy', 'VPN policy (Premium)', 'Firewall and Proxy policy', 'Call and Messaging control', 'Device Restrictions', 'Advanced Restriction policies (Premium)', 'Firmware update (FOTA) policy', 'Device Settings (Premium)', 'Enable device settings controls' set to 'True', and 'Hide Settings Backup and Reset' set to 'True'.

Please note that KSP will use the license added in Knox Manage console

# Document Information

This is version 3.0 of this document.

**Thank you!**

