



Samsung Knox Manage 22.5

&

Knox Platform for Enterprise

July 2022
Samsung R&D Centre UK
(SRUK)

Agenda

1. How to gain access to Samsung Knox Manage
2. Pre-requisites for Knox Platform for Enterprise
3. Configure Android Enterprise
4. Android Enterprise Deployment Modes
 - BYOD
 - 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

Knowledge Base:

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

Trial Access:

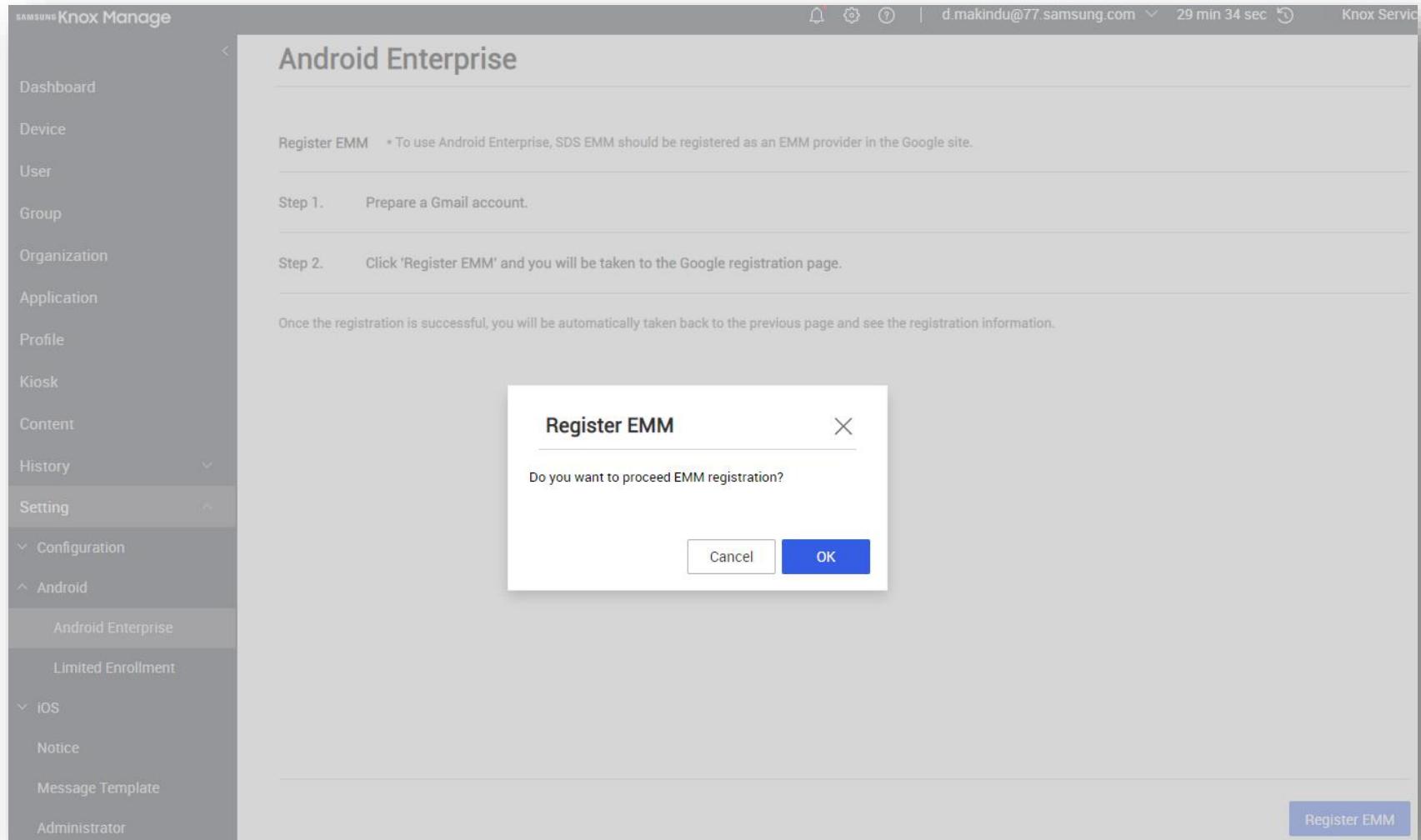
<https://www.samsungknox.com/en/solutions/it-solutions/knox-manage>

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

Configure Android Enterprise

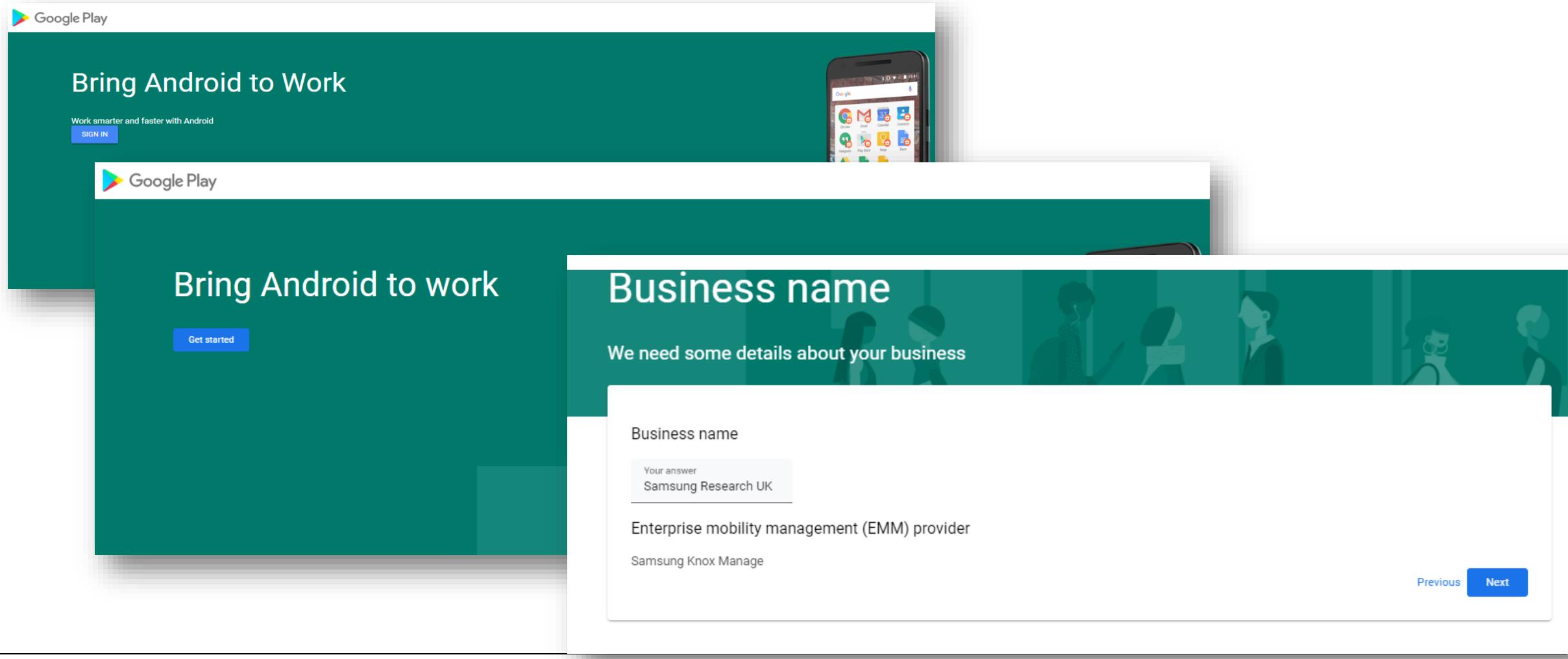
- Log into Knox Manage Console. Navigate to: Setting -> Android -> Android Enterprise
- Select Register EMM button and OK when prompted for Register EMM



Configure Android Enterprise

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.



Configure Android Enterprise

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.

The image shows two screenshots of the Google Play setup process. The left screenshot is titled 'Contact details' and asks for contact information. It includes fields for 'Data Protection Officer' (Name, Email, Phone) and 'EU Representative' (Name, Email, Phone). A note states: '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.' Below this is a note: 'These details can be added later, in the Admin Settings section of managed Google Play, if you do not have them available.' At the bottom is a checkbox: 'I have read and agree to the Managed Google Play agreement.' The right screenshot is titled 'Set up complete' and says 'Thanks for choosing Android enterprise.' It features a 'Complete Registration' button.

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

Set up complete

Thanks for choosing Android enterprise.

Complete Registration

Configure Android Enterprise

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 shows the Samsung Knox Manage EMM Console interface. The left sidebar navigation includes: Dashboard, Device, User, Group, Organization, Application, Profile, Kiosk, Content, History, Setting, Configuration (expanded), Android (selected), Android Enterprise (highlighted), Limited Enrollment, iOS (expanded), Notice, Message Template, Administrator, and License. The main content area is titled "Android Enterprise" and displays "EMM Registration Information" status as "Registered". It shows 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). Below this, under "Managed Google Play Store Layout", there are two options: "Basic Store Layout" (selected, description: "Display apps without any categorizations") and "Advanced Store Layout" (description: "Display apps by categories. From the Category menu, you can select the category options you added when registering Google Managed Apps"). Under "Auto Update Apps", the option "Update on Wi-Fi only" is selected. At the bottom, there is a "Samsung Knox Settings" section and a "Knox Service Plugin Application" button with "Add & Approve" and "Save" buttons.

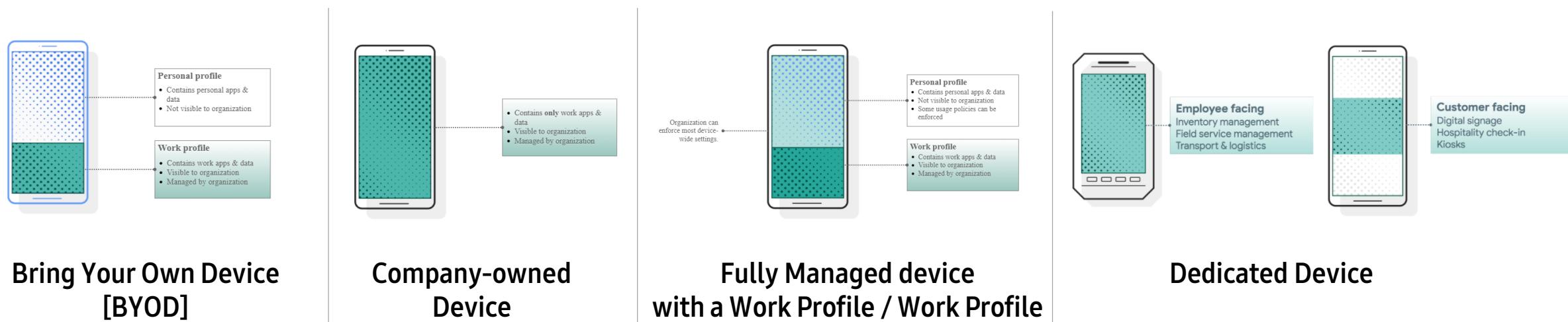
Android Enterprise Deployment Modes

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.



Android Enterprise: BYOD

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*

The screenshot shows the Samsung Knox Management interface for creating a new user. The left sidebar has a dark theme with the following navigation options: Dashboard, Device, User (selected), Group, Organization, Application, Profile, Kiosk, Content, Device Enrollment (with a dropdown arrow), History (with a dropdown arrow), Setting (with a dropdown arrow), and Advanced (with a dropdown arrow).

The main content area is titled "Enter all required fields to add a user. The user can sign in using the ID and password you entered below." It contains the following fields:

- 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: BYOD

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.

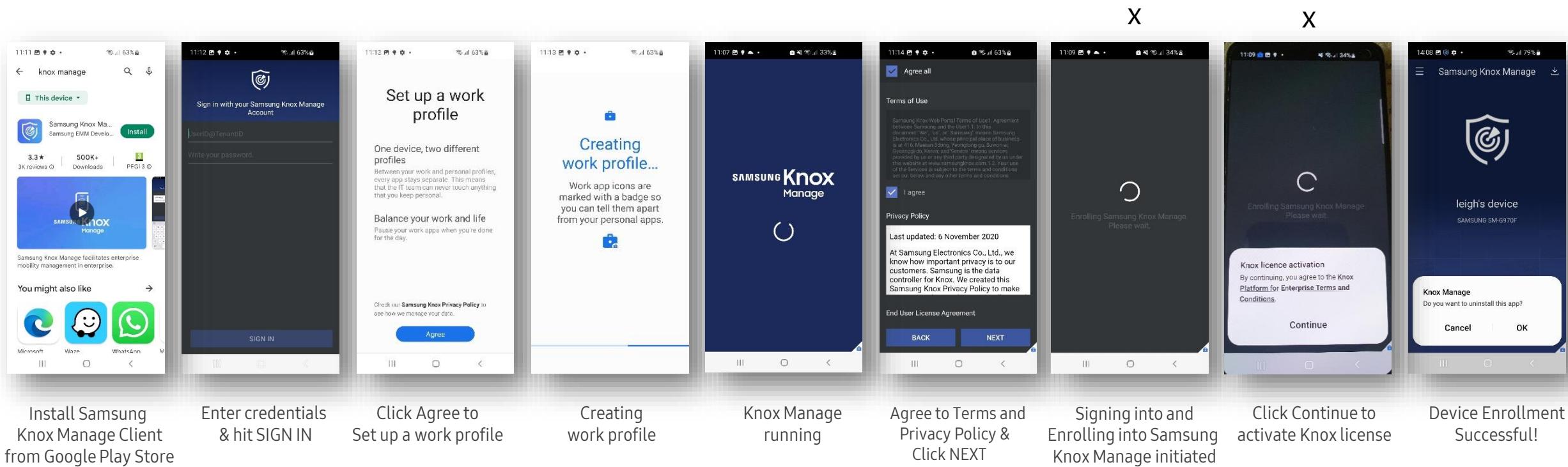
The screenshot shows the 'Add Profile' page in the Samsung Knox Management interface. On the left, a sidebar lists various management categories: Dashboard, Device, User, Group, Organization, Application, Profile (which is selected), Kiosk, Content, Device Enrollment, History, Setting, and Advanced. The main form has a title 'Add Profile'. It includes fields for 'Name *' (containing 'AE') and 'Platform *'. A red box highlights the 'Platform' field, which contains a checked checkbox for 'Android Enterprise' and other unselected options like 'Samsung Knox', 'Android Enterprise - Android Management API', 'Android Legacy', 'iOS', and 'Windows'. Below the platform selection is an 'Event Profile' toggle switch, which is turned off. There is also a 'Description' text area. At the bottom right are three buttons: 'Cancel', 'Save', and a large blue 'Save & Set Policy' button, which is also highlighted with a red box.

Android Enterprise: BYOD

Android Enterprise BYOD Deployment

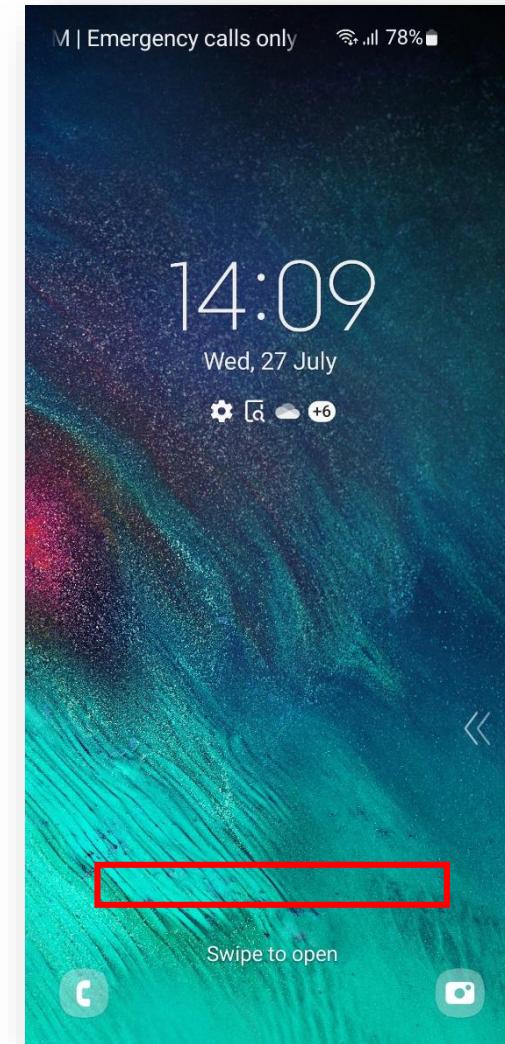
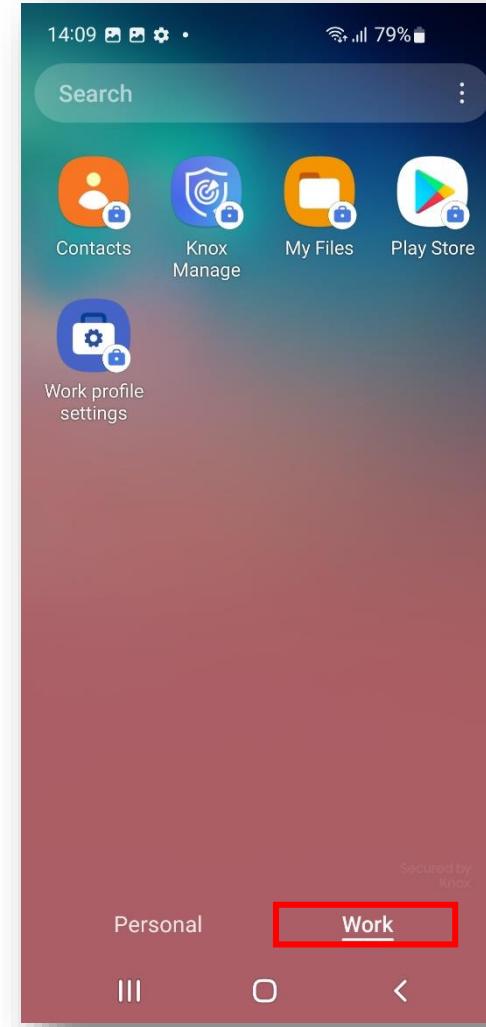
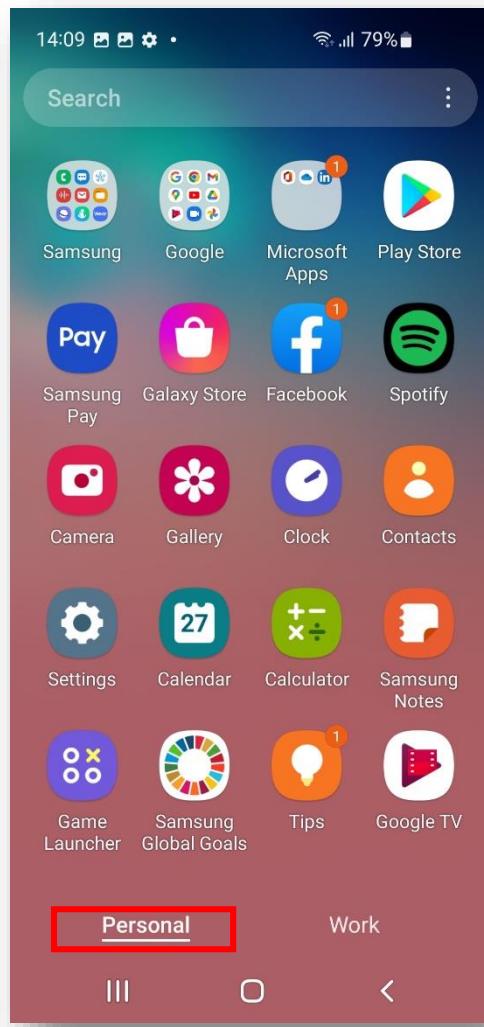
Now all you simply need to do is enroll your device by completing the following:

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



Android Enterprise: Work Profile Enrollment

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



Android Enterprise: Company-owned Device

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*

The screenshot shows the 'User' configuration page in the Samsung Knox Management Platform. The left sidebar lists various management categories like Dashboard, Device, User, Group, Organization, Application, Profile, Kiosk, Content, Device Enrollment, History, Setting, and Advanced. The 'User' section is selected. The main form is titled 'Enter all required fields to add a user. The user can sign in using the ID and password you entered below.' It includes fields for User ID (srukdaniel), Password, Confirm Password, User Name (srukdaniel), Email (srukdaniel@abc.com), Mobile Number (United Kingdom (+44) 12364748), and User Group / Organization (with a dropdown showing 'Select' and '1 Selected'). Below this is a table for User Groups, showing one entry for 'AE' of type 'User Group'. The 'License' section includes options for 'Knox Suite' (radio button) and 'Knox Manage' (radio button, selected). Under 'Android Manage Type', the 'Android Enterprise' option is selected (radio button, highlighted with a red box). Other options shown are 'Android Legacy' and 'Follow Organization Type'. At the bottom, there's a note about 'Fully Managed with Work Profile' and 'Yes' (radio button).

Android Enterprise: Company-owned Device

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' page in the Samsung Knox Management interface. On the left, a sidebar lists various management categories: Dashboard, Device, User, Group, Organization, Application, Profile (which is selected), Kiosk, Content, Device Enrollment, History, Setting, and Advanced. The main form has a title 'Add Profile'. It includes fields for 'Name *' (containing 'AE') and 'Platform *' (with 'Android Enterprise' checked). A note below the name field states: 'The entered profile name cannot be changed.' Below the platform selection, there are several other options: 'Samsung Knox' (unchecked), 'Android Enterprise - Android Management API' (unchecked), 'Android Legacy' (unchecked), 'iOS' (unchecked), and 'Windows' (unchecked). There is also a 'Event Profile' toggle switch and a 'Description' text area. At the bottom right, there are three buttons: 'Cancel', 'Save', and 'Save & Set Policy', with the last one being highlighted by a red box.

Android Enterprise: Company-owned Device

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.

Click Start	Accept the Terms And Click Next	Agree to Permissions For Samsung apps and services	Skip copying apps and data	Enter afw#KnoxManage and click Next	Click Next	Select Fully managed device	Continue	Accept	Enter Credentials	Agree to Terms and Privacy Policy	Enroll to Samsung Knox Manage initiated	Device Enrollment Successful!

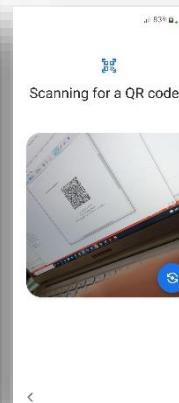
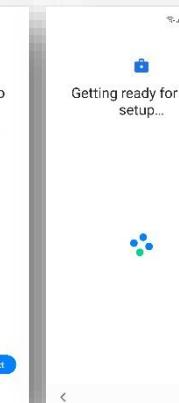
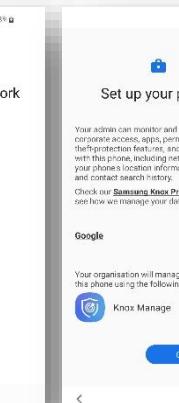
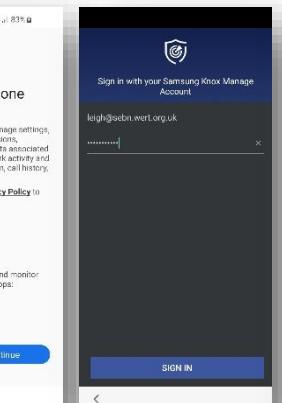
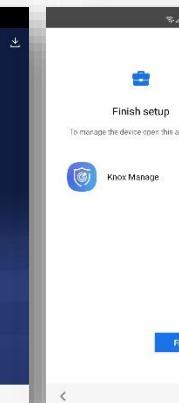
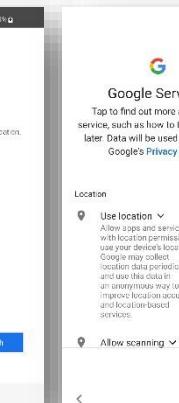
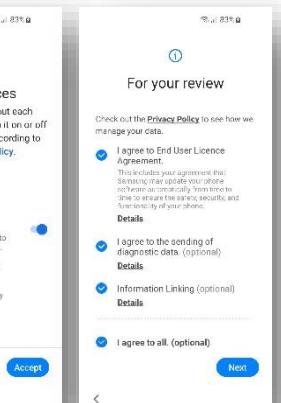
Android Enterprise: Company-owned Device

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.

											
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	Click Continue to Install Samsung Knox Manage	Enter Credentials And Click SIGN IN	Agree to Terms and Privacy Policy & Click NEXT	Enroll to Samsung Knox Manage initiated	Device Enrollment Successful!	Click Finish	Accept Google Services	Agree to T&Cs And Click Next

Android Enterprise: Company-owned Device

Android Enterprise Company-owned Device Deployment

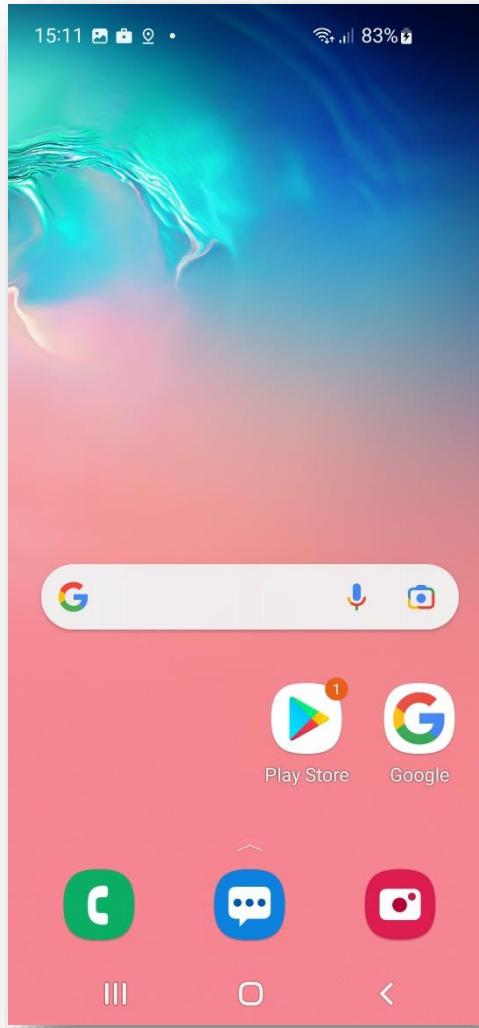
To enroll your device as an Android Enterprise Company-owned device, you need to ensure the device is factory reset and at the welcome screen. From here, there are 3 ways you can enroll your device into Samsung Knox Manage as an Android Enterprise Company-owned device.

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).

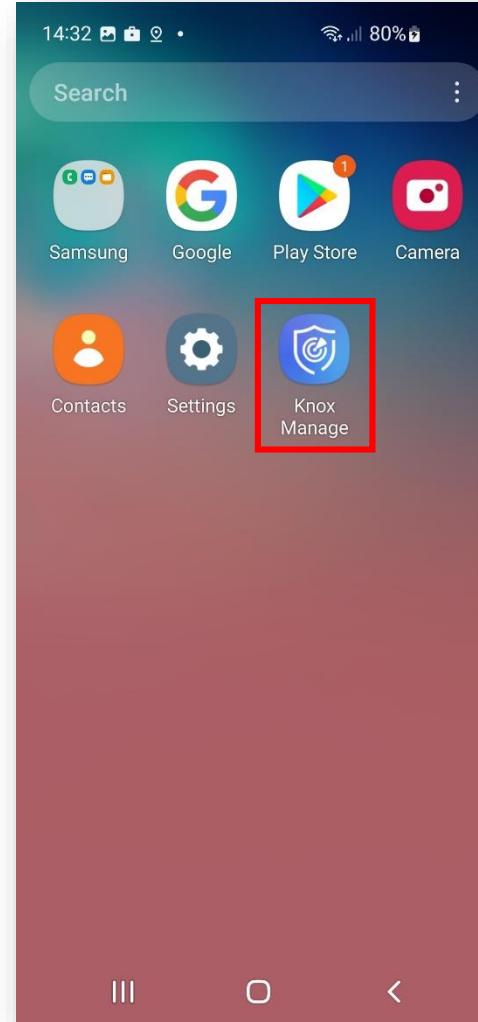
Click Start	Agree the T&Cs And Click Next	Agree Permissions for apps and services	Note the device is Protected by Knox Cloud Services. Click OK and Connect to Wi-Fi	Getting ready for work setup	Select Fully managed device	Click Continue to Set up your phone by installing Samsung Knox Manage	Enroll to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

Android Enterprise: Fully Managed Device Enrollment

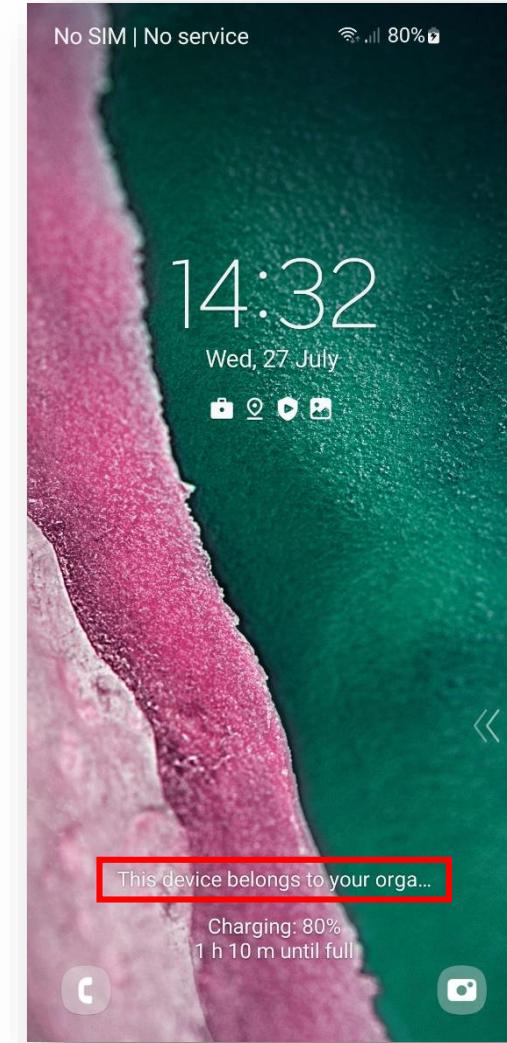
How to tell that Fully Managed Device has been successfully set up:



Sparse set of icons on home screen



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

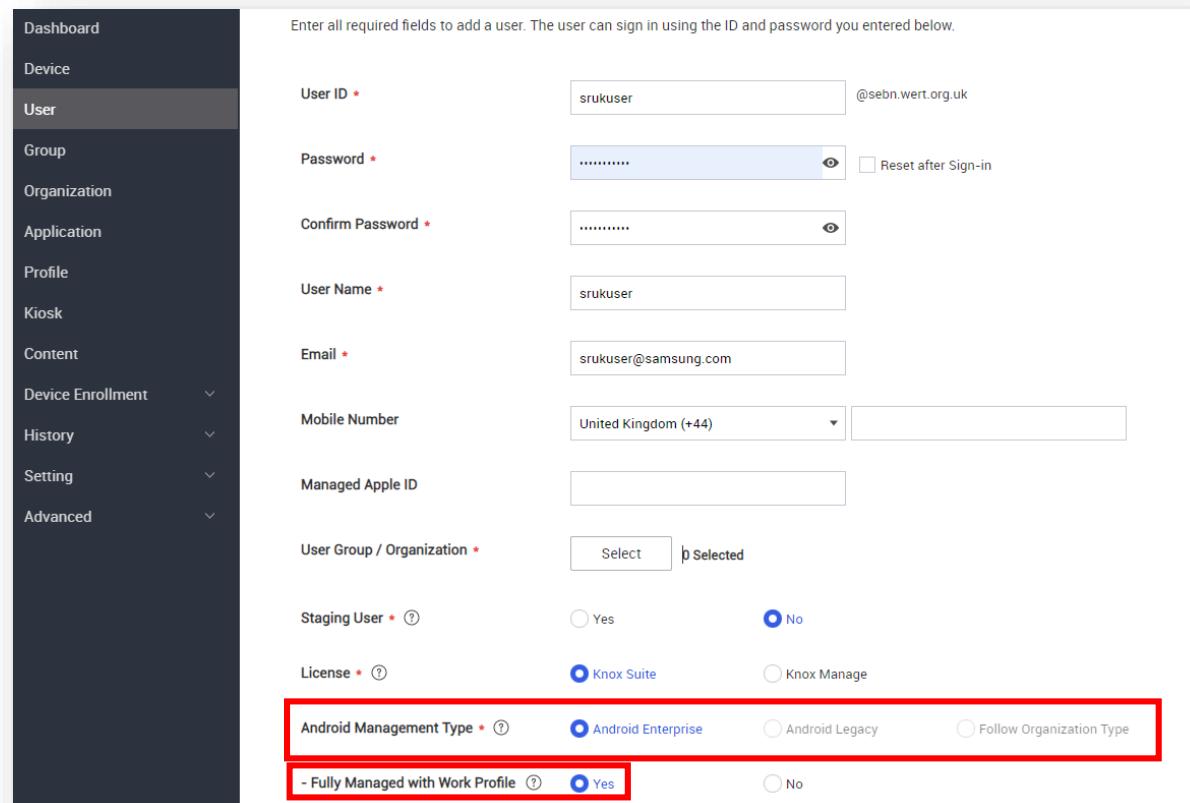


Mention of device belonging to your organization on lock screen

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*



The screenshot shows the Samsung Knox Management interface for creating a new user. The left sidebar has a dark theme with the following navigation items:

- Dashboard
- Device
- User** (selected)
- Group
- Organization
- Application
- Profile
- Kiosk
- Content
- Device Enrollment
- History
- Setting
- Advanced

The main form area is titled "Enter all required fields to add a user. The user can sign in using the ID and password you entered below." It contains the following fields:

- User ID *: srukuser @sebn.wert.org.uk
- Password *: (with eye icon and "Reset after Sign-in" checkbox)
- Confirm Password *: (with eye icon)
- User Name *: srukuser
- Email *: srukuser@samsung.com
- Mobile Number: United Kingdom (+44) + [input field]
- Managed Apple ID: [input field]
- User Group / Organization *: Select [button] 0 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

A red box highlights the "Android Management Type" section and the "Fully Managed with Work Profile" checkbox.

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

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' interface in a web-based management tool. On the left, a sidebar lists various categories: Dashboard, Device, User, Group, Organization, Application, **Profile**, Kiosk, Content, Device Enrollment, History, Setting, and Advanced. The 'Profile' category is currently selected. The main form has a title 'Add Profile'. It includes fields for 'Name *' (containing 'AE') and 'Platform *'. Under 'Platform', the 'Android Enterprise' option is checked and highlighted with a red box. Other platform options listed are Samsung Knox, Android Enterprise - Android Management API, Android Legacy, iOS, and Windows. Below these is an 'Event Profile' toggle switch, which is turned off. There is also a 'Description' text area and a 'Save' button at the bottom right. The 'Save & Set Policy' button is also highlighted with 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

Click Start arrow	Accept the Terms & Click Next	Skip copying apps & data	Enter afw#KnoxManage and click Next	Install Samsung Knox Manage	Install	Accept & continue	Accept Google Services	Enter Credentials	Agree to Terms and Privacy Policy	Enrollment to Samsung Knox Manage initiated	Enrollment complete!

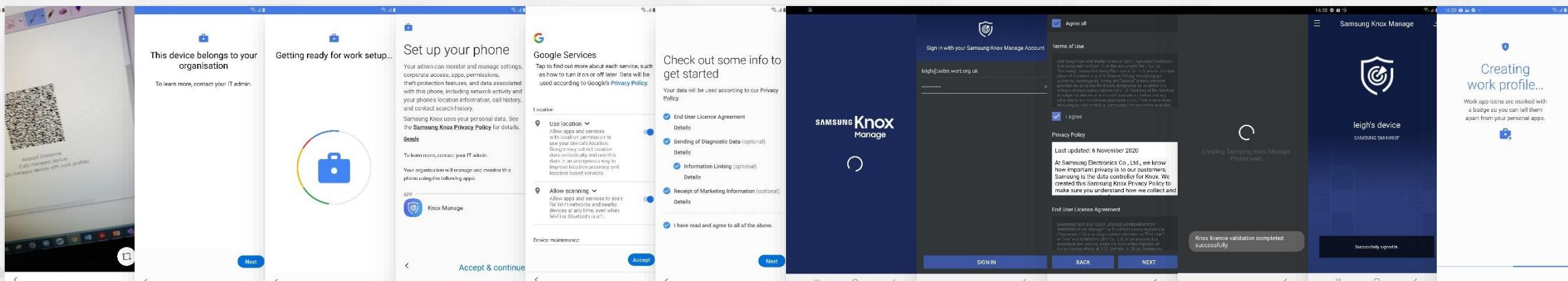
Android Enterprise: Fully Managed Device with a Work Profile (COMP)



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

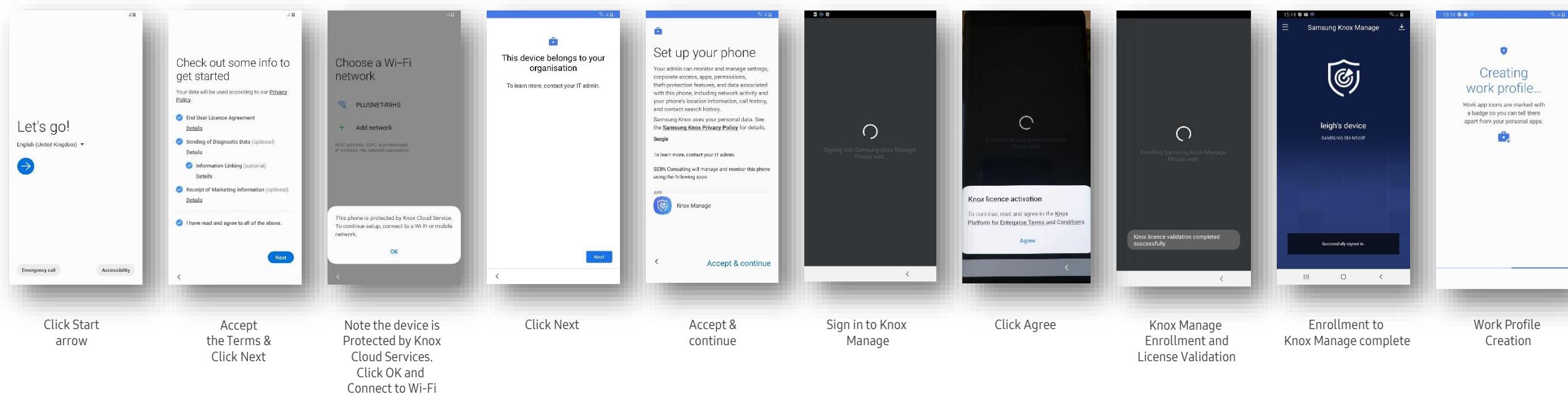
Android Enterprise Fully Managed Device with a Work Profile (COMP) Deployment

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

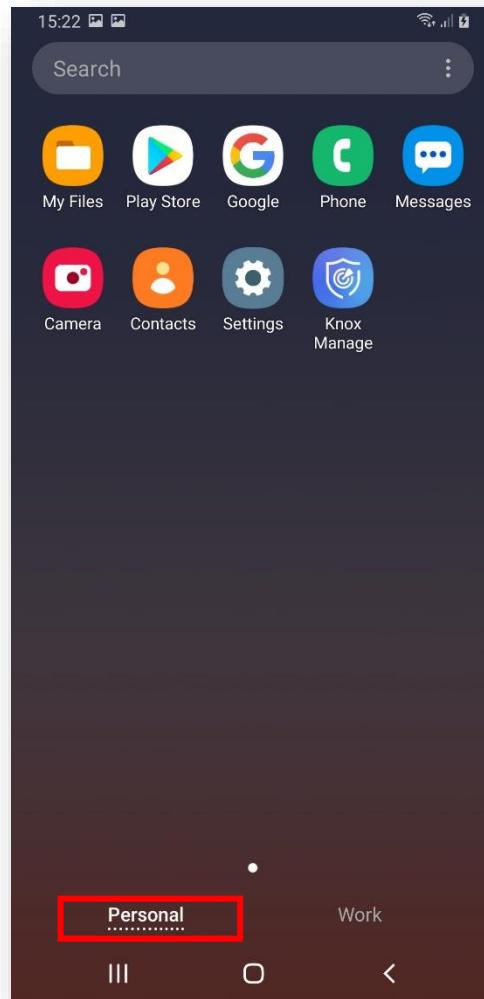
Install

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

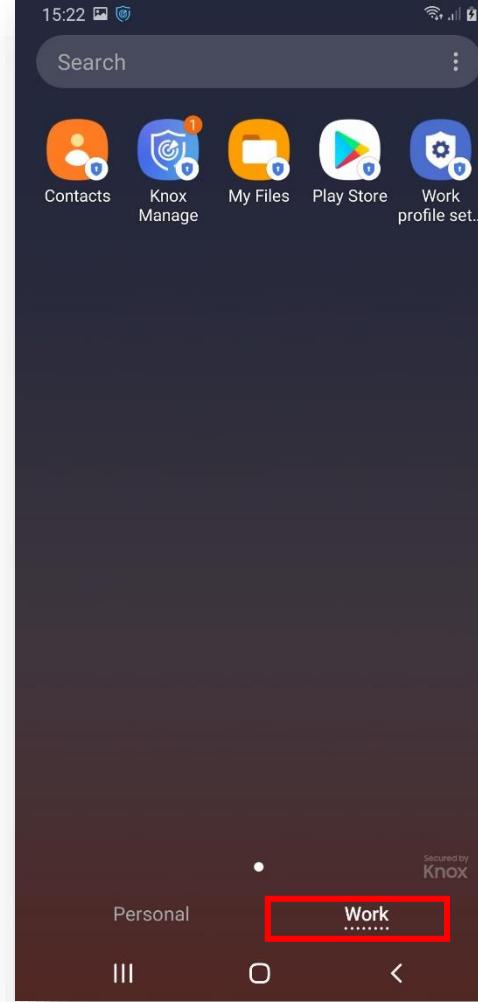


Android Enterprise: Fully Managed with a Work Profile Enrollment

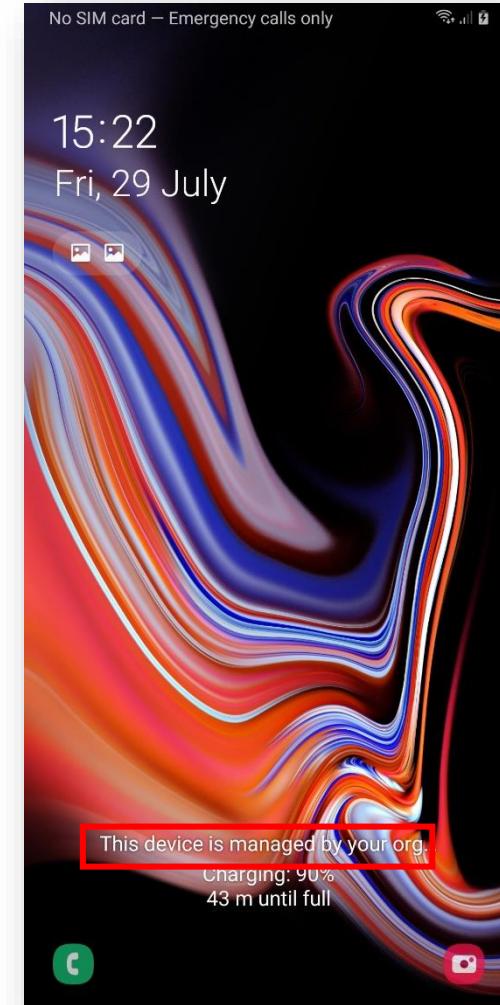
How to tell that Fully Managed with a Work Profile has been successfully set up:



Personal Tab



Work Tab



Device is managed
by your organization
on lock screen

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

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 *	srukdanil	@77.samsung.com
Password *	<input type="checkbox"/> Reset after Sign-in
Confirm Password *	
User Name *	srukdanil	
Email *	srukdanil@abc.com	
Mobile Number	United Kingdom (+44)	12364748
User Group / Organization *	Select	1 Selected
Name	Type	
AE	User Group	
License *	<input type="radio"/> Knox Suite <input checked="" type="radio"/> Knox Manage	
- Knox Platform for Enterprise (Android Enterprise)	<input type="radio"/> Yes <input checked="" type="radio"/> No	
Android Manage Type *	<input type="radio"/> Android Legacy <input checked="" type="radio"/> Android Enterprise	<input type="radio"/> Follow Organization Type
- Fully Managed with Work Profile	<input type="radio"/> Yes <input checked="" type="radio"/> No	

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

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' interface in a web-based management tool. On the left, a dark sidebar lists various categories: Dashboard, Device, User, Group, Organization, Application, **Profile**, Kiosk, Content, Device Enrollment, History, Setting, and Advanced. The 'Profile' item is currently selected. The main area has a light background and contains the following fields:

- Name ***: A text input field containing "AE". Below it, a note says "The entered profile name cannot be changed."
- Platform ***: A dropdown menu with several options. The "Android Enterprise" option is checked and highlighted with a red box. Other options include "Samsung Knox", "Android Enterprise - Android Management API", "Android Legacy", "iOS", and "Windows".
- Event Profile**: A toggle switch that is turned off.
- Description**: An empty text input field.
- Buttons at the bottom right**: Three buttons labeled "Cancel", "Save", and "Save & Set Policy". The "Save & Set Policy" button is highlighted with 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.

Click Start	Accept the Terms And Click Next	Agree to Permissions For Samsung apps and services then connect to Wi-Fi	Skip copying apps and data	Enter afw#KnoxManage and click Next	Click Next	Select Work profile on company-owned device	Agree	Creating Work Profile	Signing in progress	Enter credentials and SIGN IN	Agree to Terms and Privacy Policy	Continue to activate Knox license	Enrolling to Knox Manage

Device Enrollment successful!

Finish

Next

Next or Skip

Accept

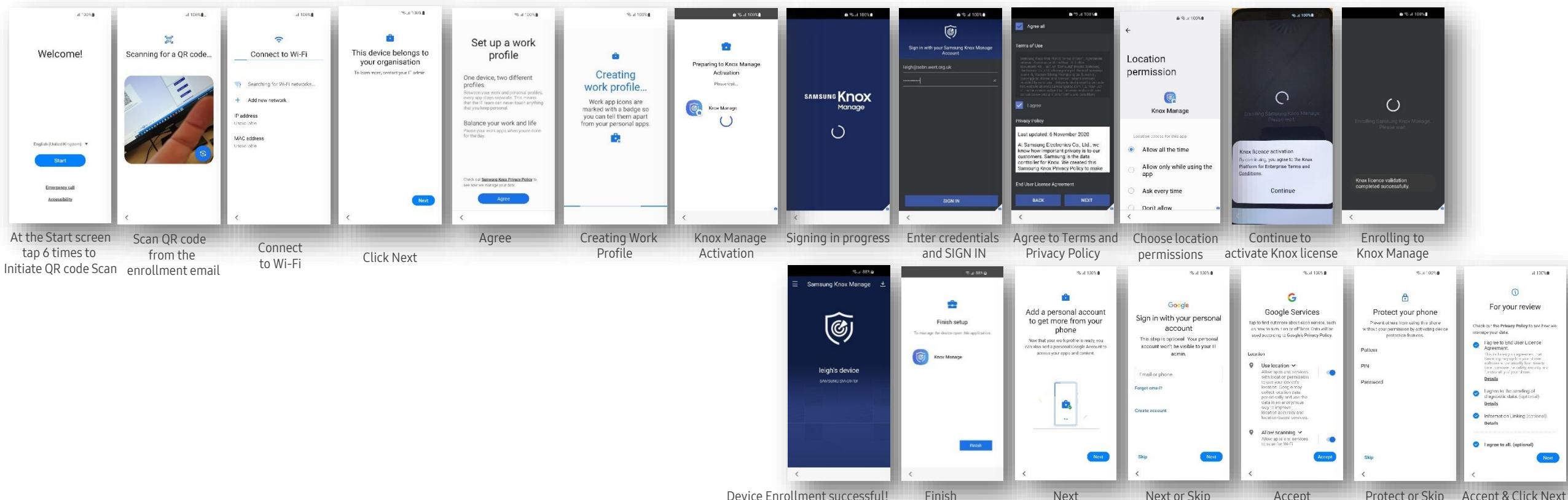
Protect or Skip

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.

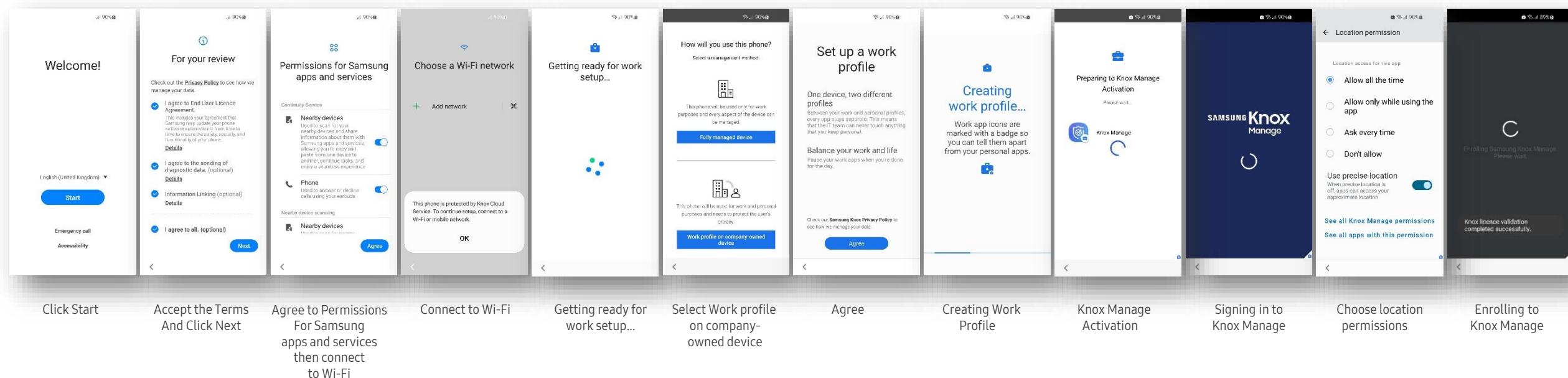


Android Enterprise: Work Profile on a Company Owned Device (WPC)

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)

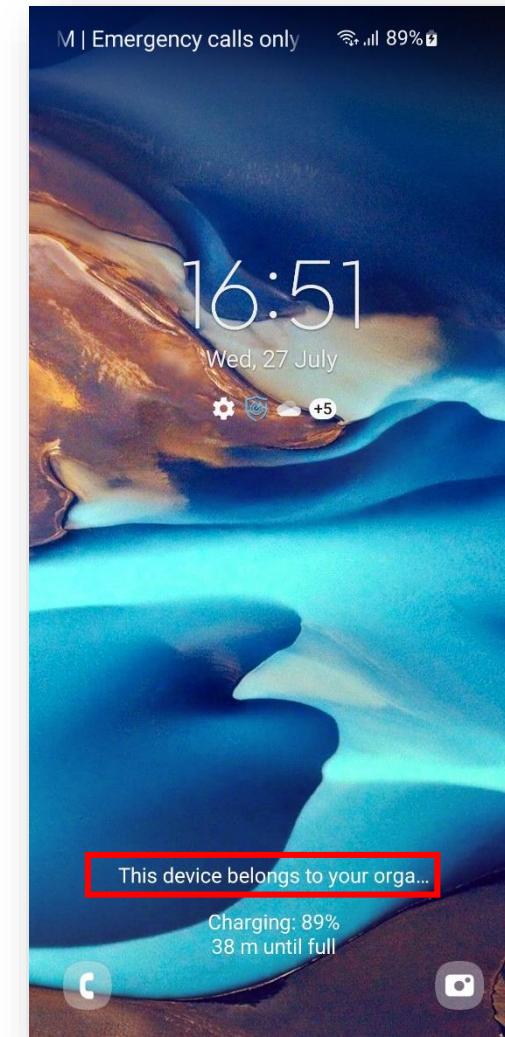
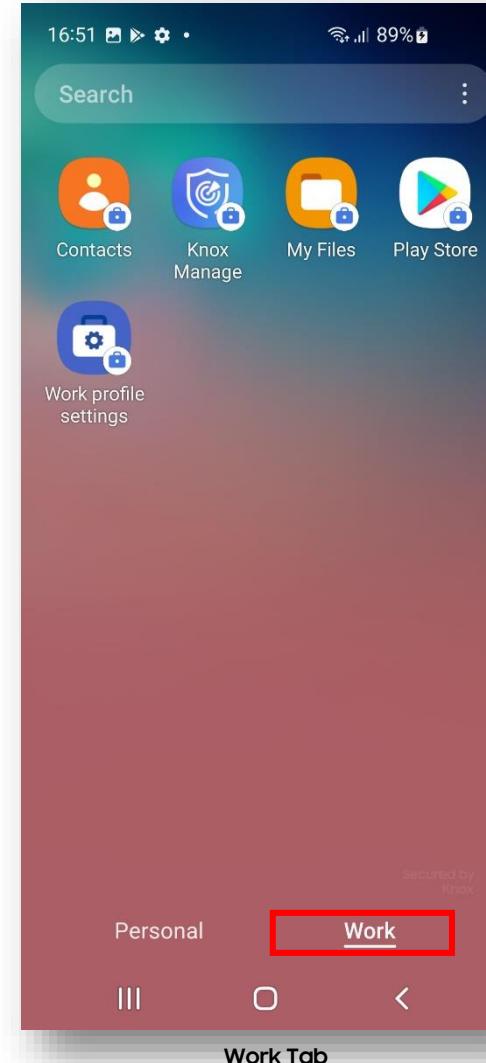
1. DPC Identifier [Also known as the hashtag method] **afw#KnoxManage**
 2. QR Code Enrollment
 3. Knox Mobile Enrollment
- Below is a screen-by-screen play to enroll your device using the Knox Mobile Enrollment (KME) method.



Android Enterprise: Work Profile on a Company Owned Device Enrollment



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



Android Enterprise: Dedicated Device

Android Enterprise Dedicated Device

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

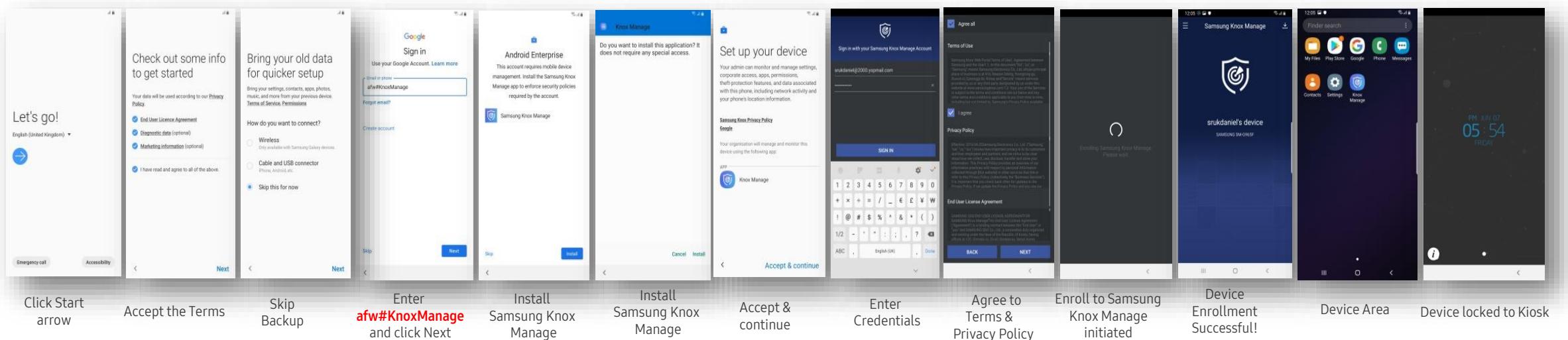
- Create Work Profile on Fully Managed is not ticked and assign this profile to the group where the user to be enrolled resides.
- Kiosk app settings are configured.
 - Go to *Profile > Add -> Fill in a name under Name -> Platform = Android Enterprise*
 - *Select Save & Set Policy Under Android Enterprise 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 shows the Samsung Knox Management interface. On the left, a dark sidebar lists various management categories: Dashboard, Device, User, Group, Organization, Application, Profile (which is selected), Kiosk, Content, Device Enrollment, History, Setting, and Advanced. The main area is titled 'Add Profile'. It has fields for 'Name *' (set to 'AE') and 'Platform *' (set to 'Android Enterprise'). A red box highlights the 'Platform' field. Below it, other platform options like 'Samsung Knox', 'Android Enterprise - Android I', 'Android Legacy', 'iOS', and 'Windows' are listed. An 'Event Profile' toggle switch is shown as off. A 'Description' text area is empty. To the right, a 'Kiosk' configuration panel is open. It includes sections for 'Device Controls' and 'Work Profile Controls'. Under 'Kiosk', there's a 'Kiosk App Settings' section with a dropdown set to 'Multi App'. A red box highlights this dropdown. Below it, there are several settings: 'Set Application' (with a dropdown showing 'com.sds.emm.kiosk'), 'Screen Saver' (set to 'Disallow'), 'Utilities Setting' (empty), 'Delete Kiosk App when Policy is Removed' (empty), 'Setting Plugged In Screen On' (empty), and 'Screen On when Plugged into Charger' (with checkboxes for 'AC Charger', 'USB Charger', and 'Wireless Charger'). A red box highlights the 'Save & Set Policy' button at the bottom right of the Kiosk panel.

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 play to enroll your device using the DPC Identifier method.

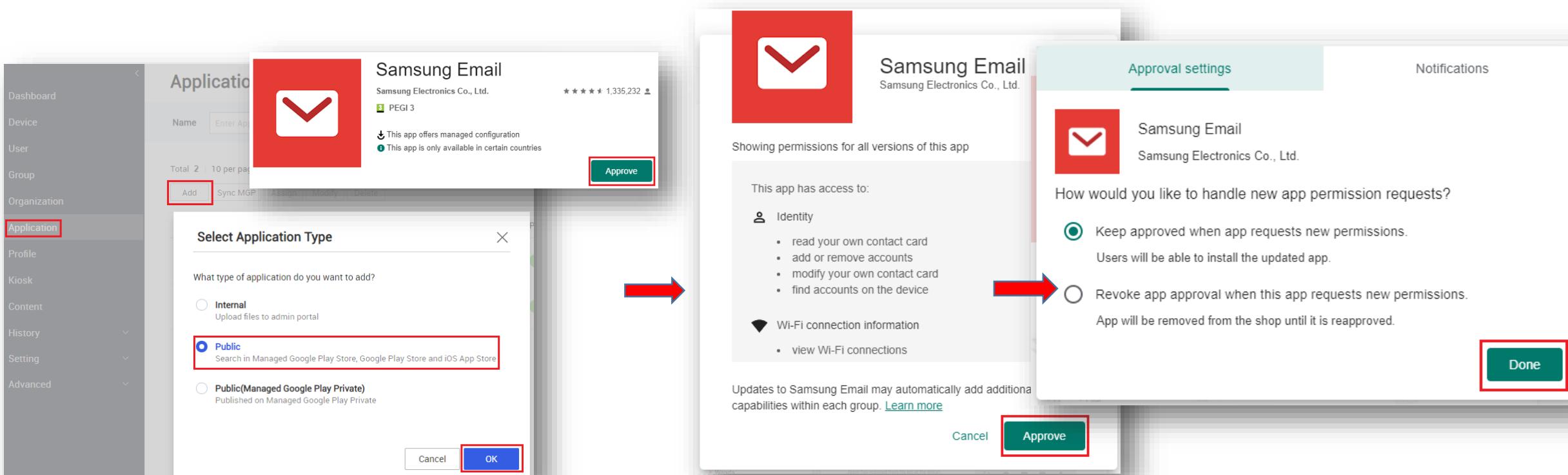


Managed Google Play Configuration

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

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

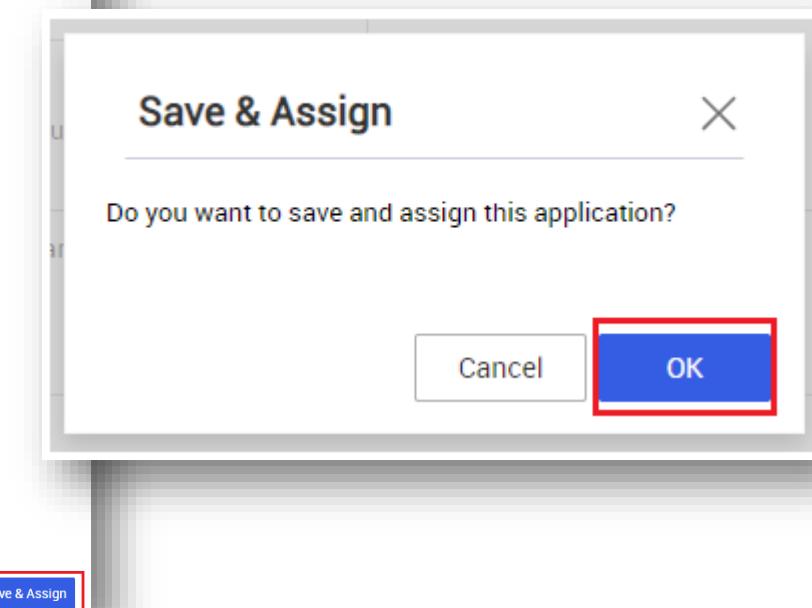
Unassign Option Uninstall app when unassigned

Description Experience powerful and Reliable email client on your Galaxy.

Icon *

Screenshot

OK to save and assign the app



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**

The screenshot shows the 'Assign Application' screen for the Samsung Email app. On the left, a sidebar menu includes options like Dashboard, Device, User, Group, Organization, Application (selected), Profile, Kiosk, Content, History, Setting, and Advanced.

The main 'Assign Application' screen displays the following details:

- Target Device:** Android Enterprise (selected)
- Android Enterprise Settings:** Install Area: Work Profile + Fully Managed + Fully Managed with Work Profile; Install Type: Automatic (Removable); Auto-run after Install: No; Managed Configuration: Set Configuration (highlighted with a red box).
- Target:** Target Type: Group (selected). A red box highlights the 'Group' button, and a red arrow points down to the table below.
- Table:** Shows target users and devices:

Group Name	Type	User	Device	Device Type
AE	User	3	0	
efota	Device	0	0	

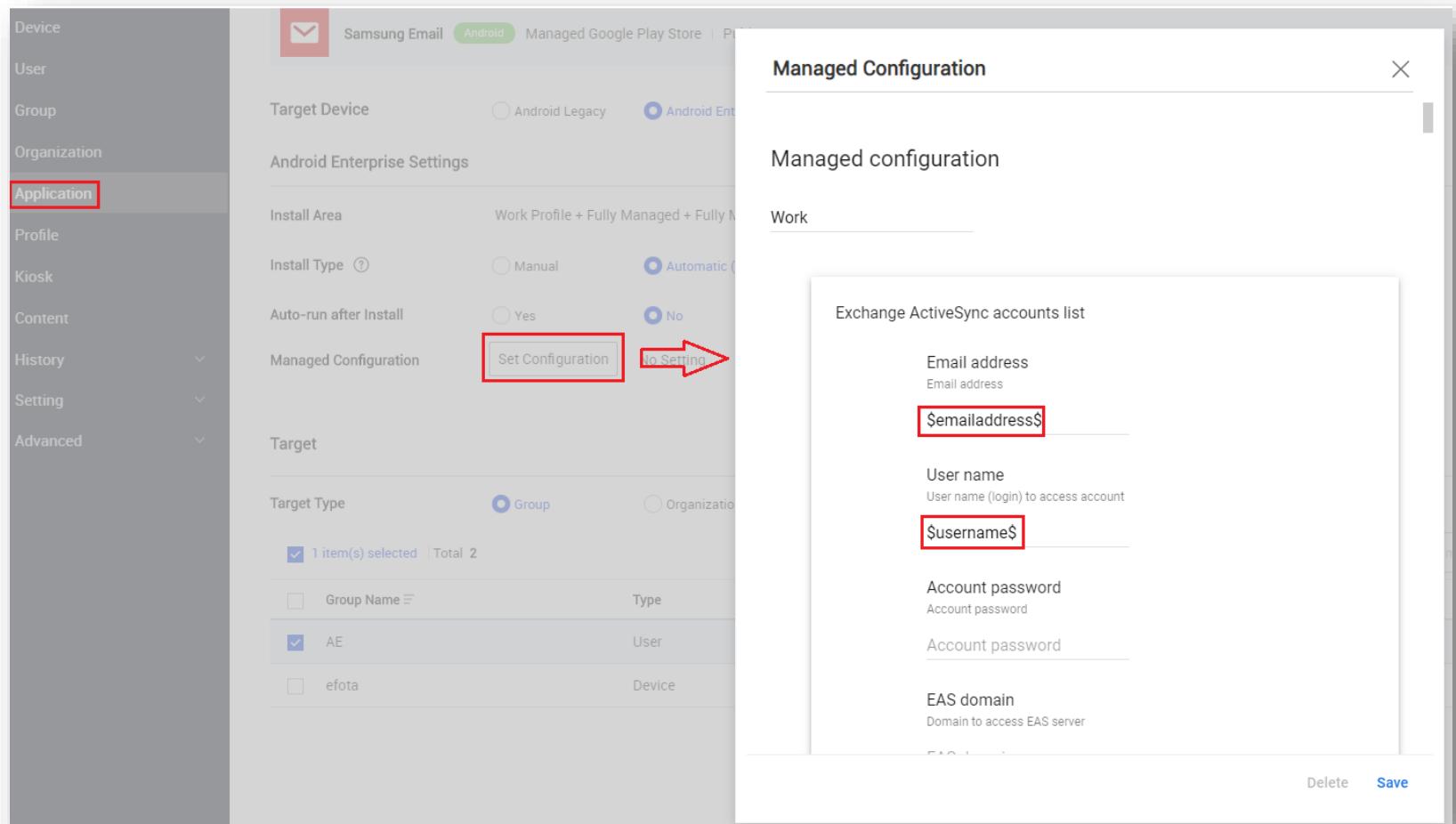
A modal window titled 'Assign Application' is open, asking 'Do you want to assign the application(s) as below?'. It lists the same configuration details as the main screen. At the bottom right of the modal are 'Cancel' and 'OK' buttons, with 'OK' highlighted with a red box. A large red arrow points from the 'Assign' button at the bottom of the main screen towards the 'OK' button in the modal.

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**



Configure Knox Platform for Enterprise : Standard Edition

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.

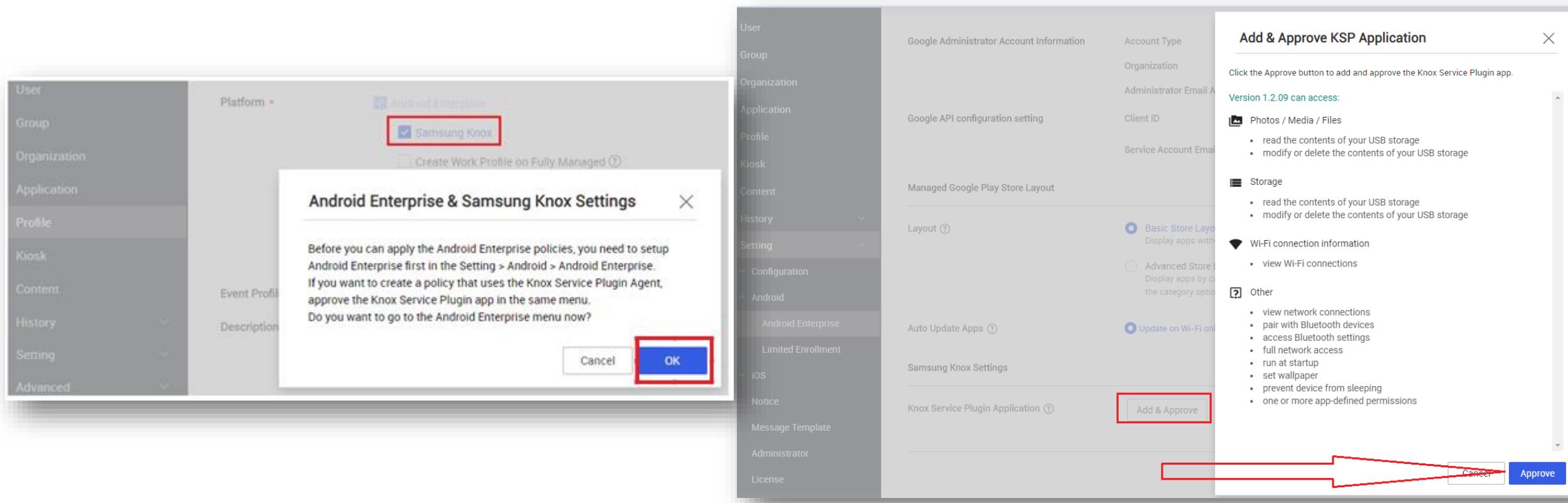


Configure Knox Platform for Enterprise : Standard Edition

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

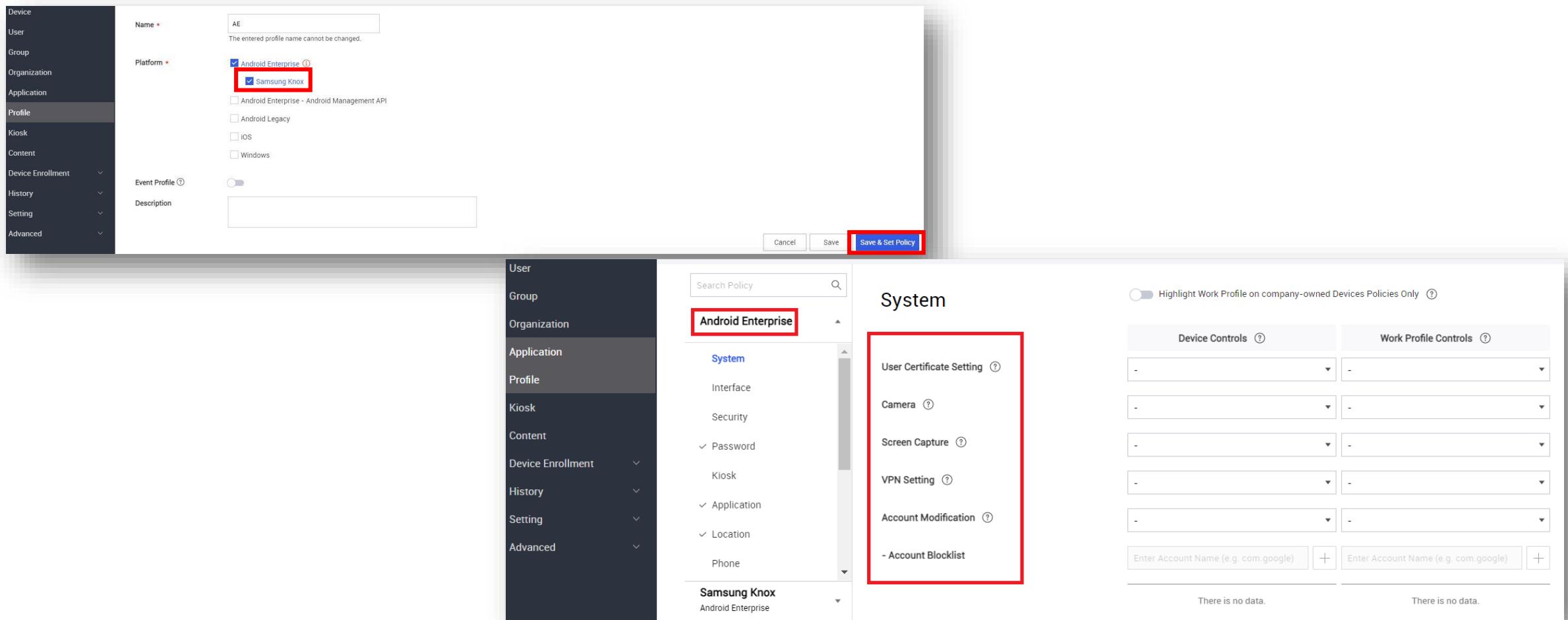


Configure Knox Platform for Enterprise : Standard Edition

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 



The screenshot shows the Samsung Knox Manage interface. On the left, a sidebar lists various management categories: Device, User, Group, Organization, Application, Profile, Kiosk, Content, Device Enrollment, History, Setting, and Advanced. The 'Profile' category is currently selected. In the main workspace, there is a form for creating a new profile. The 'Name' field contains 'AE'. The 'Platform' section includes a checkbox for 'Android Enterprise' (which is checked) and another for 'Samsung Knox' (which is also checked and highlighted with a red box). Below these are checkboxes for 'Android Enterprise - Android Management API', 'Android Legacy', 'iOS', and 'Windows'. There is also a toggle switch and a 'Description' field. At the bottom of this form are 'Cancel', 'Save', and 'Save & Set Policy' buttons, with 'Save & Set Policy' also highlighted with a red box. In the background, the main dashboard shows a search bar for 'Search Policy' and a list of policies. One policy, 'Android Enterprise', is highlighted with a red box. The 'System' section is expanded, showing options like 'User Certificate Setting', 'Camera', 'Screen Capture', 'VPN Setting', 'Account Modification', and '- Account Blocklist', all of which are also highlighted with a red box. To the right, there are sections for 'Device Controls' and 'Work Profile Controls', each with dropdown menus. At the bottom, there are buttons for 'Enter Account Name (e.g. com.google)' with '+' and '-' icons, and a message stating 'There is no data.'

Knox Platform for Enterprise : Premium Edition using KPE Key

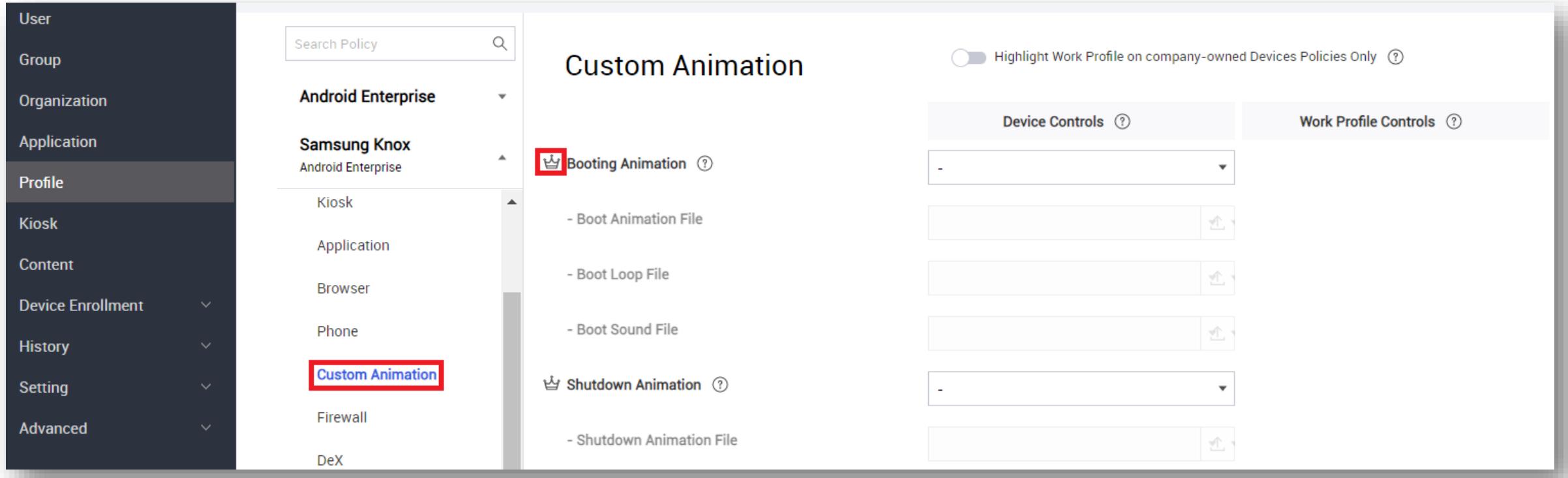
Pre requisite:

- 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)

The screenshot shows the Knox Manage console interface for managing users. The left sidebar lists various management categories: Device, User (selected), Group, Organization, Application, Profile, Kiosk, Content, Device Enrollment, History, Setting, and Advanced. The main panel displays user details for 'srukdaniel' (User ID: @77.samsung.com). It includes fields for User Name (srukdaniel), Email (srukdaniel@abc.com), and Mobile Number (United Kingdom (+44) 12364748). A 'User Group / Organization' section shows '2 Selected' groups: AE (User Group) and Undefined (Organization). The 'License' section is highlighted with a red box around the 'Knox Platform for Enterprise (Android Enterprise)' field, which has a 'Yes' radio button selected. Other license options shown are 'Knox Suite' and 'No'. Below this, the 'Android Manage Type' section shows 'Android Enterprise' selected. Other options include 'Android Legacy' and 'Follow Organization Type (Android Enterprise)'. At the bottom, there's a 'Fully Managed with Work Profile' section with 'No' selected, and a 'Tag' input field with an 'Add' button.

Knox Platform for Enterprise : Premium Edition using KPE 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** with Crown icon 



The screenshot shows the Knox Platform for Enterprise interface. The left sidebar has a dark theme with the following navigation items: User, Group, Organization, Application, Profile (selected), Kiosk, Content, Device Enrollment, History, Setting, and Advanced. A search bar labeled "Search Policy" is at the top. The main content area is titled "Custom Animation". It shows two sections: "Booting Animation" and "Shutdown Animation". Under "Booting Animation", there are fields for "Boot Animation File", "Boot Loop File", and "Boot Sound File". Under "Shutdown Animation", there is a field for "Shutdown Animation File". At the top right, there is a toggle switch for "Highlight Work Profile on company-owned Devices Policies Only" and two tabs: "Device Controls" and "Work Profile Controls". The "Custom Animation" link in the sidebar is highlighted with a red box.

Knox Platform for Enterprise : Premium Edition using Knox Suite Key

Pre requisite:

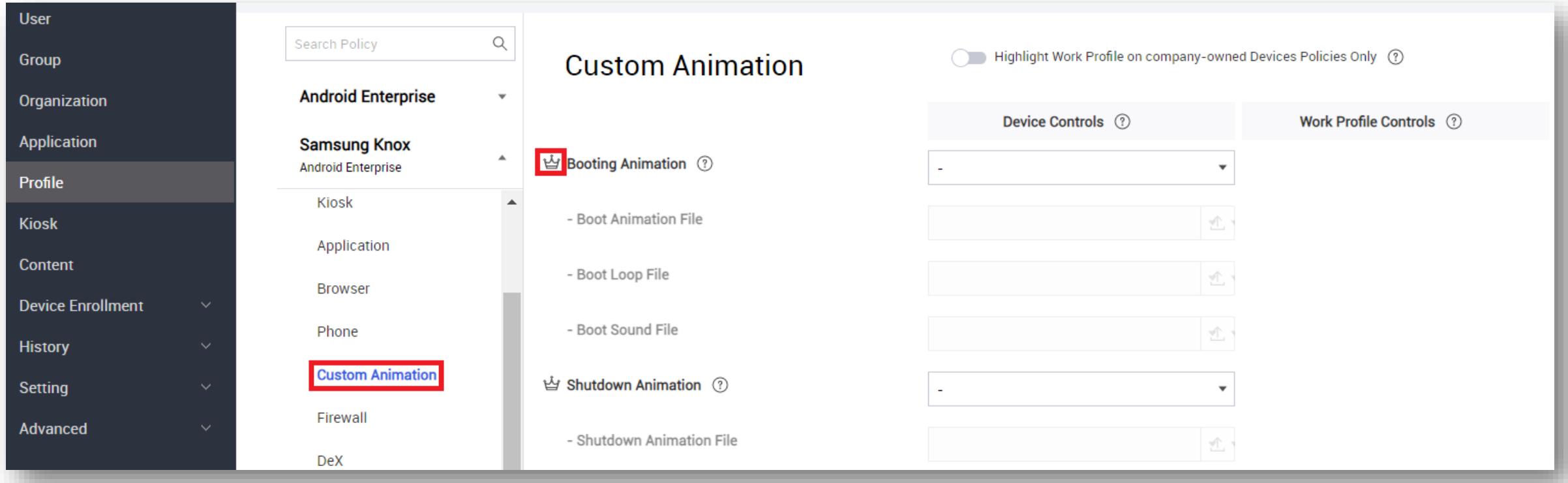
- Knox Suite license is available in Knox Manage Console (**Settings → License**)
- At the user level, select **Knox Suite** as License type

The screenshot shows the 'User' creation form in the Knox Manage Console. The left sidebar lists various management categories. The main form fields include:

- User ID *: srukdanil @77.samsung.com
- User Name *: srukdanil
- Email *: srukdanil@abc.com
- Mobile Number: United Kingdom (+44) 12364748
- User Group / Organization *:
 - Select 2 Selected
 - Name: AE (Type: User Group)
 - Name: Undefined (Type: Organization)
- License *:
 - Knox Suite (highlighted with a red box)
 - Knox Manage
- Android Manage Type *:
 - Android Enterprise (highlighted with a red box)
 - Android Legacy
 - Follow Organization Type (Android Enterprise)
- Fully Managed with Work Profile ?
 - Yes
 - No
- Tag: Add

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 shows the Knox Platform for Enterprise interface. The left sidebar has a dark theme with the following navigation items: User, Group, Organization, Application, Profile (selected), Kiosk, Content, Device Enrollment, History, Setting, and Advanced. A search bar labeled "Search Policy" is at the top. The main content area has a title "Custom Animation". It includes a toggle switch for "Highlight Work Profile on company-owned Devices Policies Only" and two tabs: "Device Controls" and "Work Profile Controls". The "Custom Animation" section contains two main categories: "Booting Animation" and "Shutdown Animation", each with sub-options for file selection. The "Custom Animation" link in the sidebar is highlighted with a red box.

User
Group
Organization
Application
Profile
Kiosk
Content
Device Enrollment
History
Setting
Advanced

Search Policy

Android Enterprise

Samsung Knox
Android Enterprise

Booting Animation

- Boot Animation File

- Boot Loop File

- Boot Sound File

Shutdown Animation

- Shutdown Animation File

Device Controls

Work Profile Controls

Custom Animation

Booting Animation

Shutdown Animation

Highlight Work Profile on company-owned Devices Policies Only

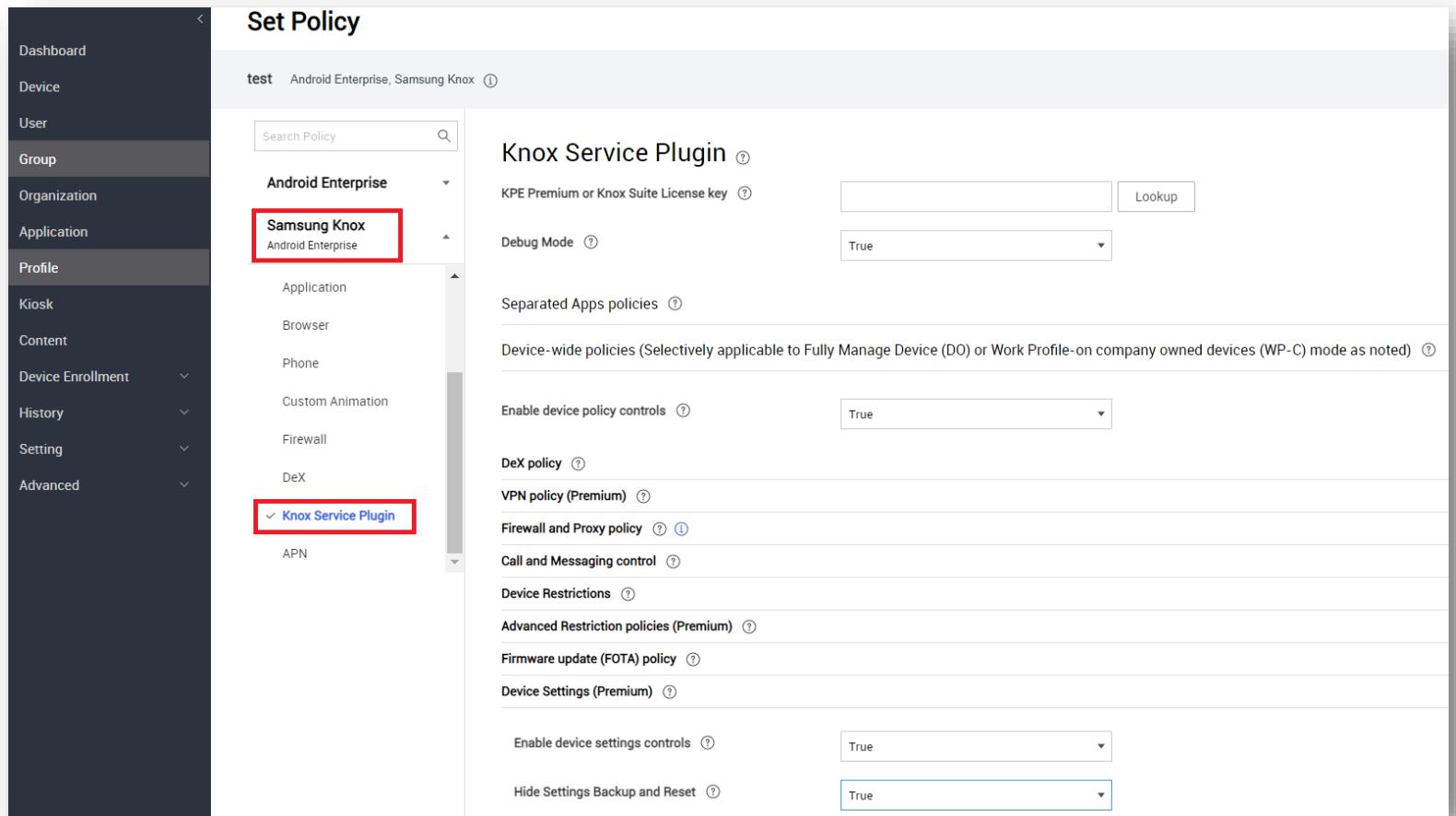
Knox Service Plugin [KSP]

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' screen in the Samsung Knox Android Enterprise management console. On the left, a sidebar lists various policy categories: Dashboard, Device, User, Group, Organization, Application, Profile (which is selected), Kiosk, Content, Device Enrollment, History, Setting, and Advanced. Under the 'Profile' category, there is a nested section for 'Samsung Knox Android Enterprise'. This section includes options like Application, Browser, Phone, Custom Animation, Firewall, DeX, and Knox Service Plugin. The 'Knox Service Plugin' option is highlighted with a red box. The main content area is titled 'Knox Service Plugin' and contains several configuration fields: 'KPE Premium or Knox Suite License key' (with a lookup button), 'Debug Mode' set to 'True', 'Separated Apps policies', 'Device-wide policies (Selectively applicable to Fully Manage Device (D0) or Work Profile-on company owned devices (WP-C) mode as noted)', '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!

