

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
 - 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]

Samsung Knox Manage Collateral & Contacts



Contacts:

sruk.rtam@samsung.com

Knowledge Base:

https://support.samsungknox.com/hc/en-us/categories/115001950368

Trial Access:

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

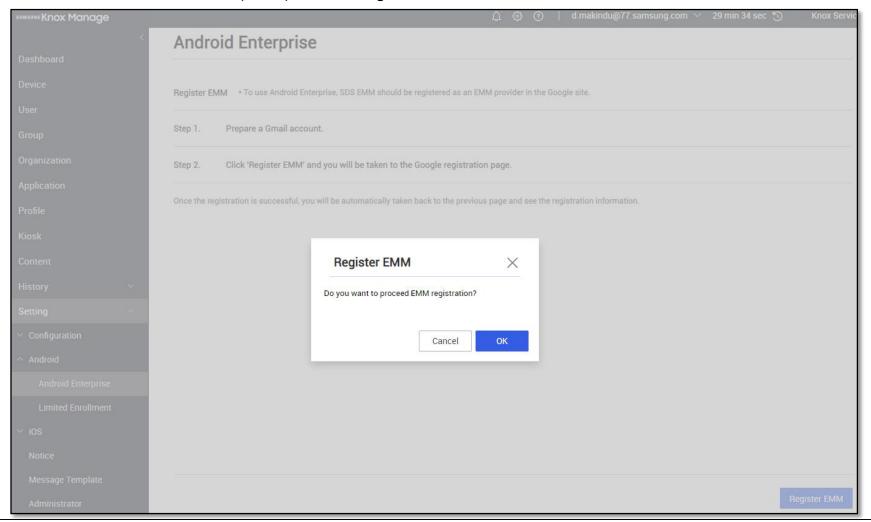
Pre-Requisites for Knox Platform for Enterprise



- 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)

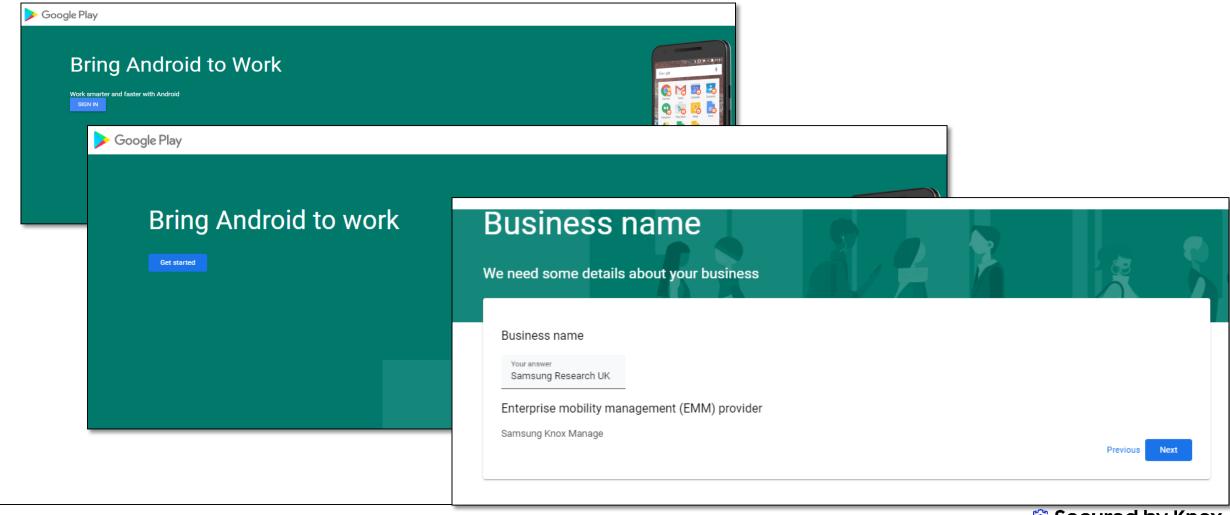


- Log into Knox Manage Console. Navigate to: Setting -> Android -> Android Enterprise
- Select **Register EMM** button and Yes when prompted for Register EMM



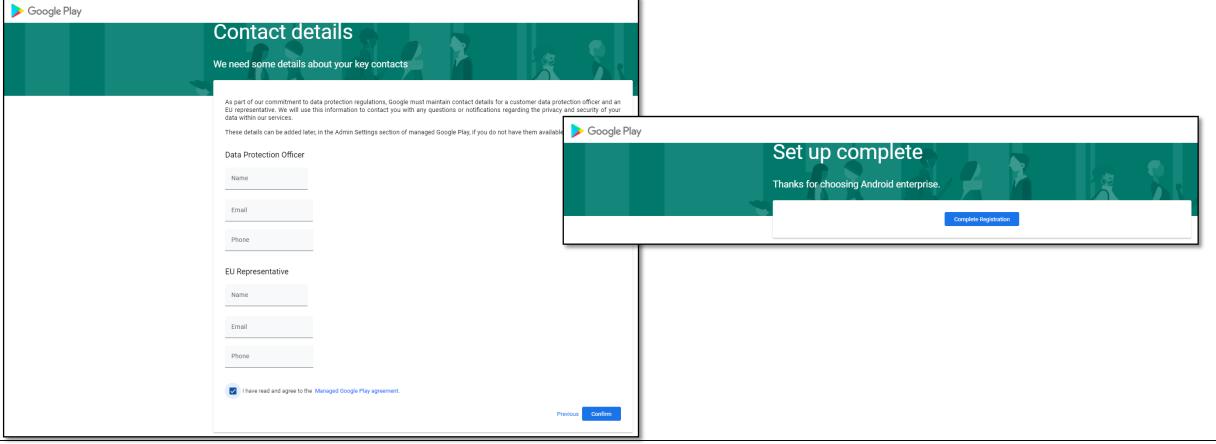


- You will then get redirected to a Google Play screen. Click **SIGN IN** to sign with a Gmail Account
- Fill out your Business name and Select **Next** to allow Samsung Knox Manage to be your EMM provider.



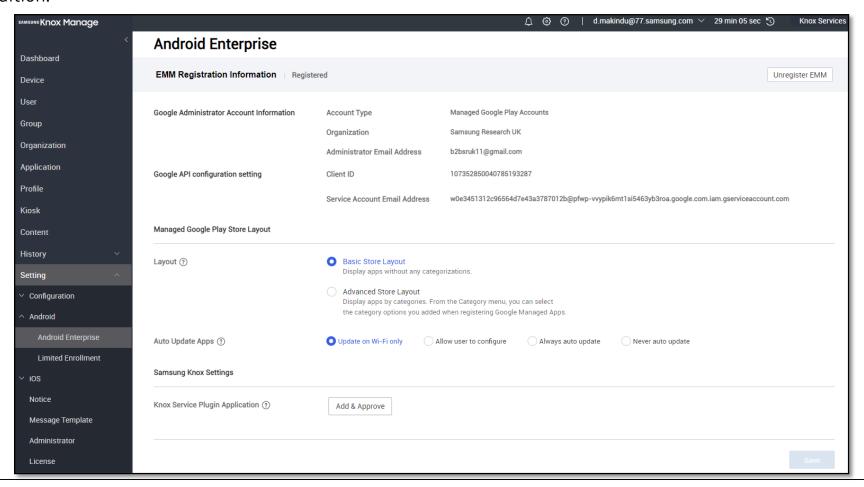


- Fill out the Contact details page, tick the Managed Google Play agreement page and then select Confirm. These text fields are not mandatory, so you can alternatively leave them blank and just tick the Managed Google Play agreement and then select **Confirm**.
- Click Complete Registration to complete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





- 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.



Android Enterprise Deployment Modes

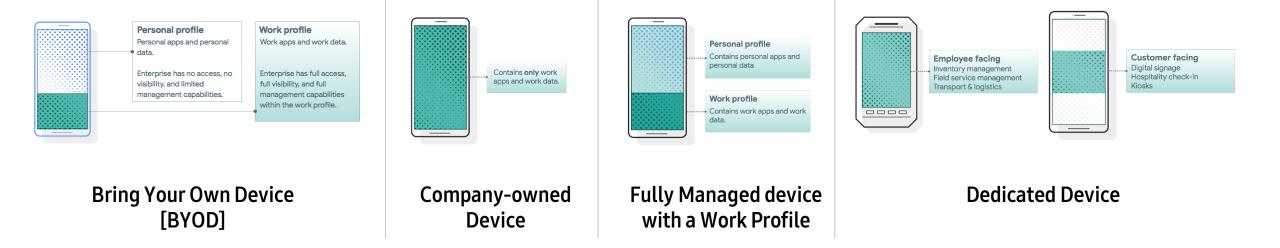


Deployment Modes

Android Enterprise can be deployed in the following 4 deployment modes

- BYOD [formerly known as Profile Owner]
- 2. Company-owned Device [formerly known as Device Owner]
- 3. Fully Managed device with a work profile [formerly known as COMP]
- 4. Dedicated device [formerly known as COSU]

Samsung Knox Manage can support <u>all</u> 4 of these deployment modes. In this next section we will show you how to configure each of these 4 deployment modes in Samsung Knox Manage for your device fleet.



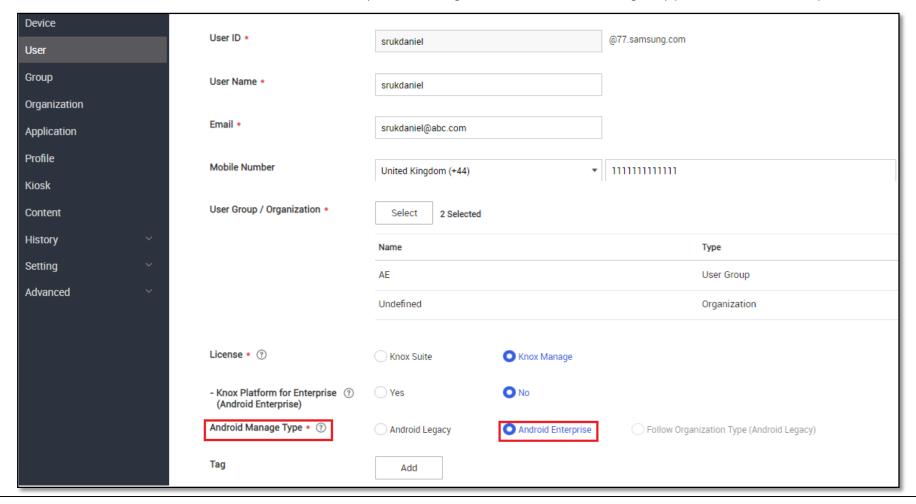
Android Enterprise: BYOD



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 or Select modify an existing user -> Android Manage Type = Android Enterprise*



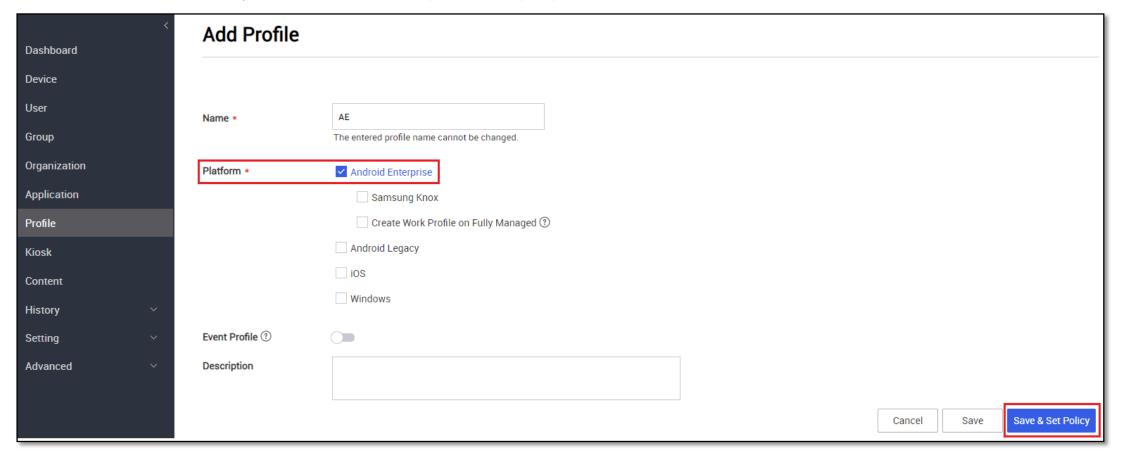
Android Enterprise: BYOD



Android Enterprise BYOD Deployment

To ensure that the right enrollment type is set up for BYOD, 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.

- Go to *Profiles > Add -> Fill in a name under Name -> Platform = Android Enterprise -> Leave unticked "Create Work Profile on Fully Managed"*
- Select Save & Set Policy to set policy and assign to the right group where the user resides.



Android Enterprise: BYOD

Knox Manage

Client

from Google Play Store



Android Enterprise BYOD Deployment

Enter credentials

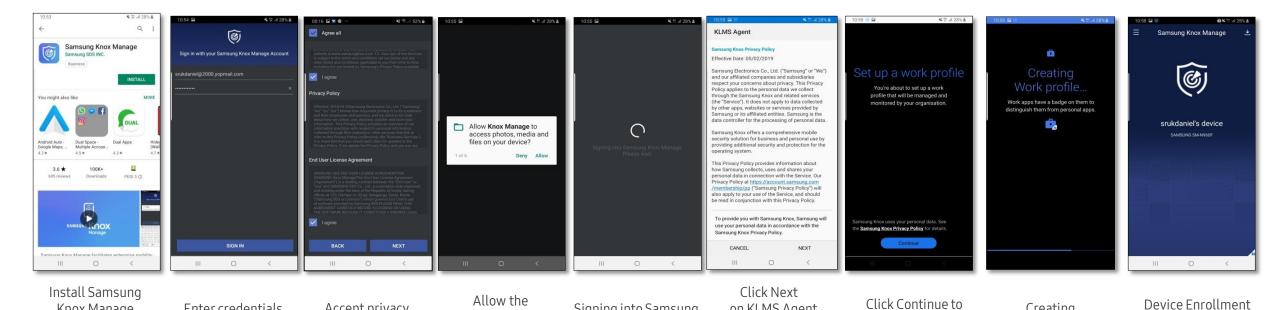
& hit NEXT

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

Accept privacy

permissions

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



Signing into Samsung

Knox Manage initiated

on KLMS Agent

Screen

*Knox Mobile Enrollment has not been fully tested for BYOD deployment and as a result the current support is Best Effort.

permission

Access

Successful!

Creating

Work Profile

Set up a Work Profile

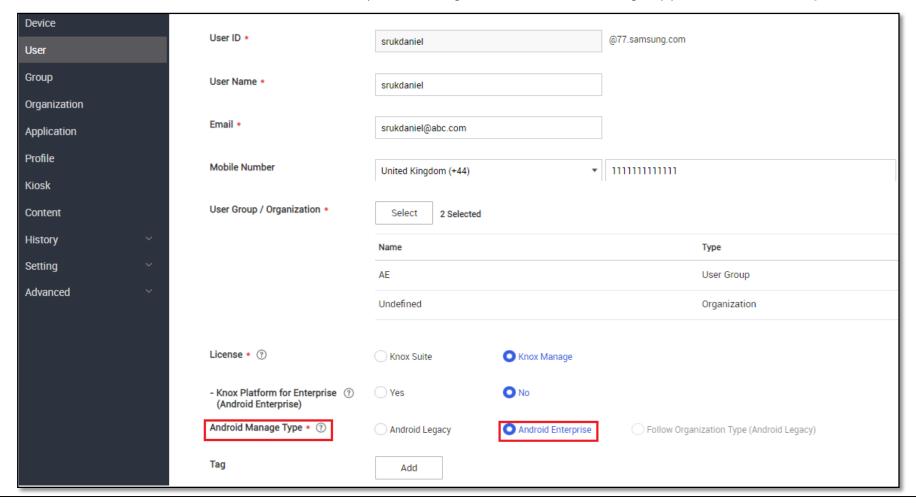
Android Enterprise: Company-owned Device



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 or Select modify an existing user -> Android Manage Type = Android Enterprise*



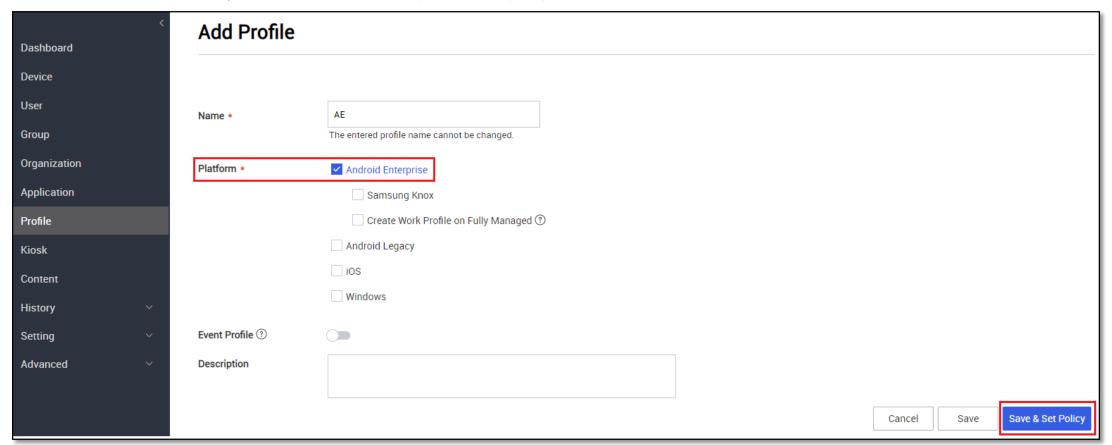
Android Enterprise: Company-owned Device



Android Enterprise Company-owned Device

To ensure that the right enrollment type is set up for Company-owned 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.

- Go to *Profiles > Add -> Fill in a name under Name -> Platform = Android Enterprise -> Leave unticked "Create Work Profile on Fully Managed"*
- Select Save & Set Policy to set policy and assign to the right group where the user resides.



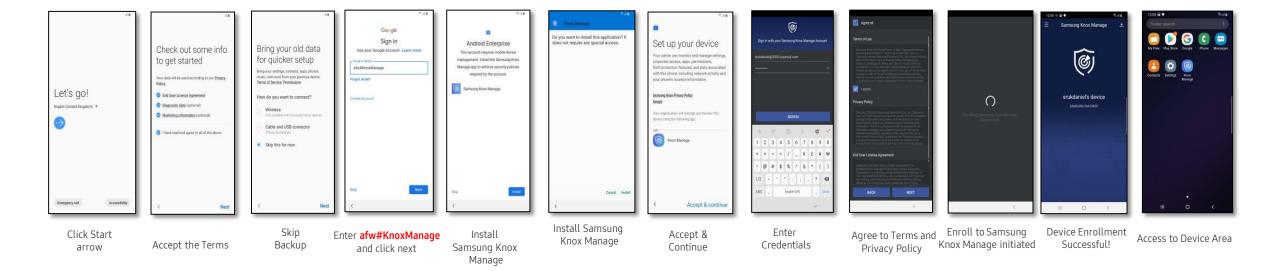
Android Enterprise: Company-owned Device



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.

- 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.



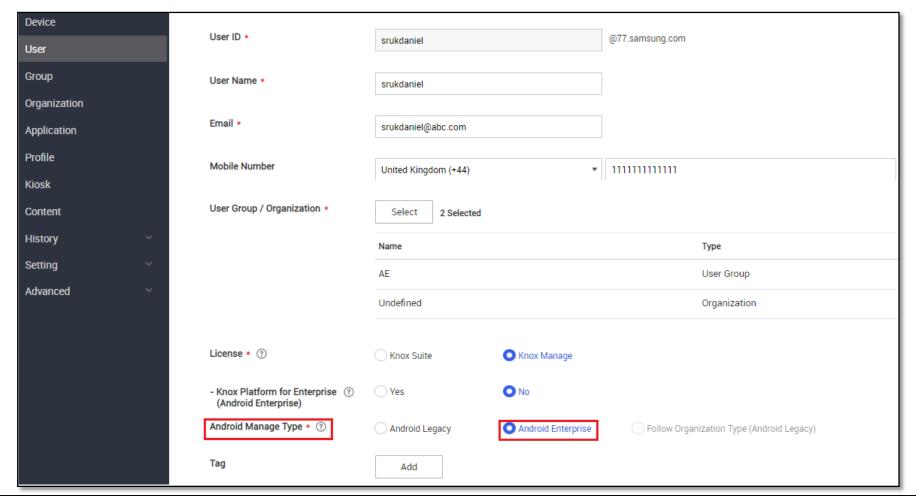
Android Enterprise: Fully Managed Device with a Work Profile



Android Enterprise Fully Managed Device with a Work Profile 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.

• Go to *User -> Choose Add or Select modify an existing user -> Android Manage Type = Android Enterprise*



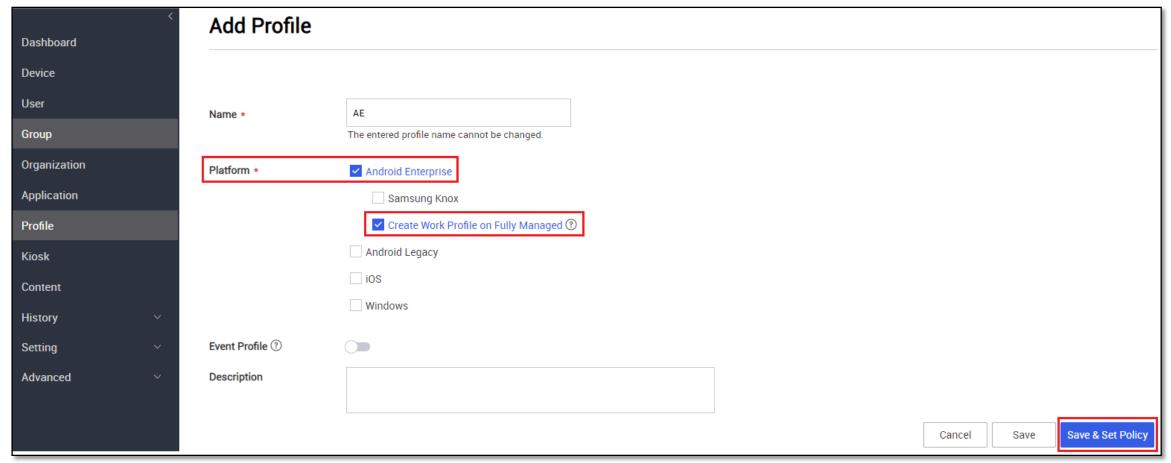
Android Enterprise: Fully Managed Device with a Work Profile



Android Enterprise Fully Managed Device with a Work Profile

To ensure that the right enrollment type is set up for Fully Managed Device with a Work Profile, ensure to tick "Create Work Profile on Fully Managed" is ticked and assign this profile to the group where the user to be enrolled resides.

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



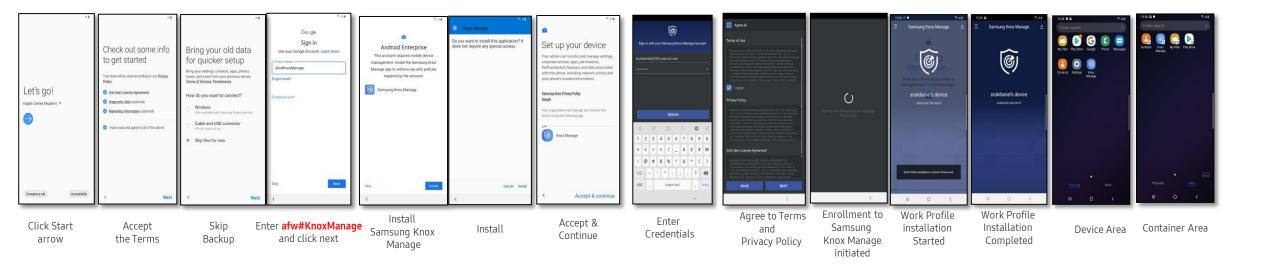
Android Enterprise: Fully Managed Device with a Work Profile



Android Enterprise Fully Managed Device with a Work Profile 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.

- 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.



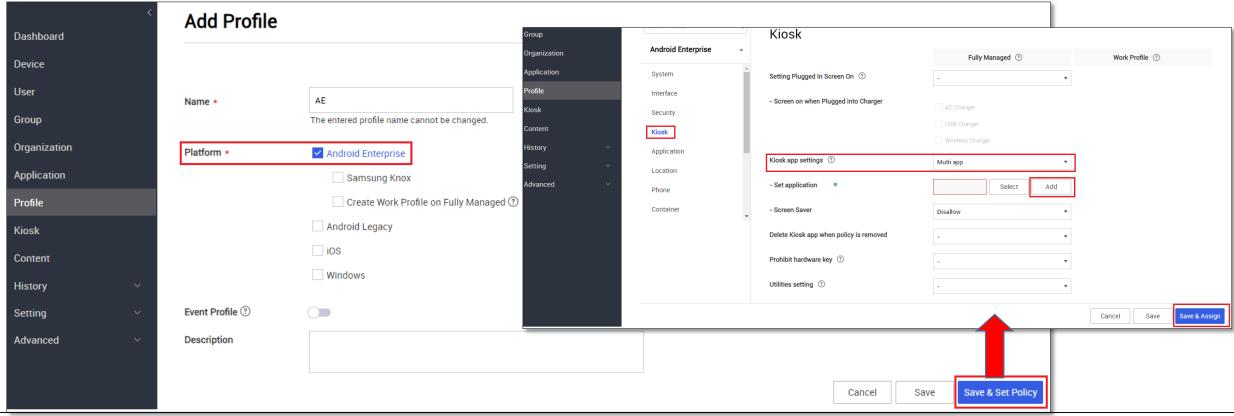
Android Enterprise: Dedicated Device



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 Go to Profiles > Add -> Fill in a name under Name -> Platform = Android Enterprise -> Leave unticked "Create Work Profile on Fully Managed"
- 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



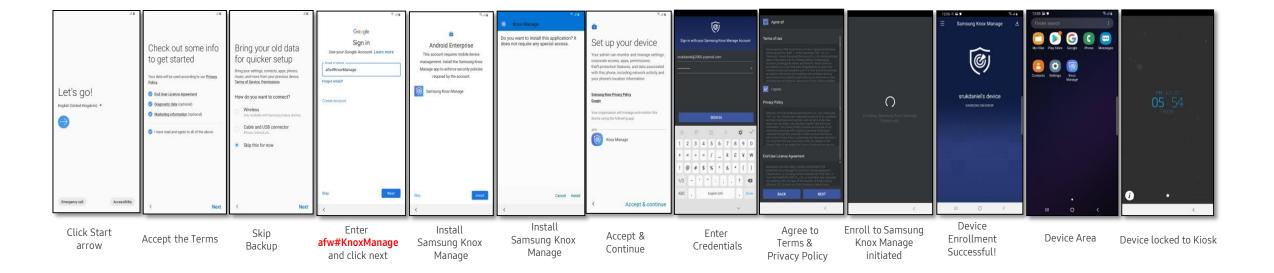
Android Enterprise: Dedicated Device



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.



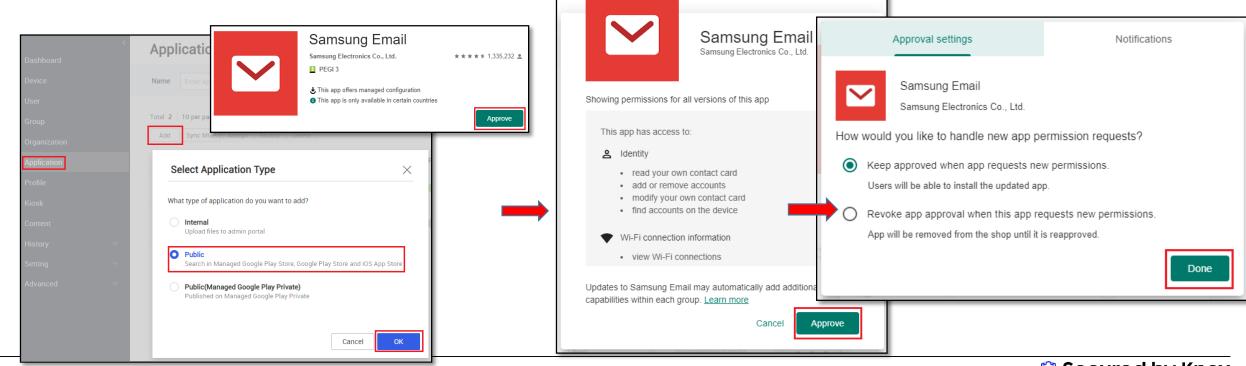
Managed Google Play Configuration



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**

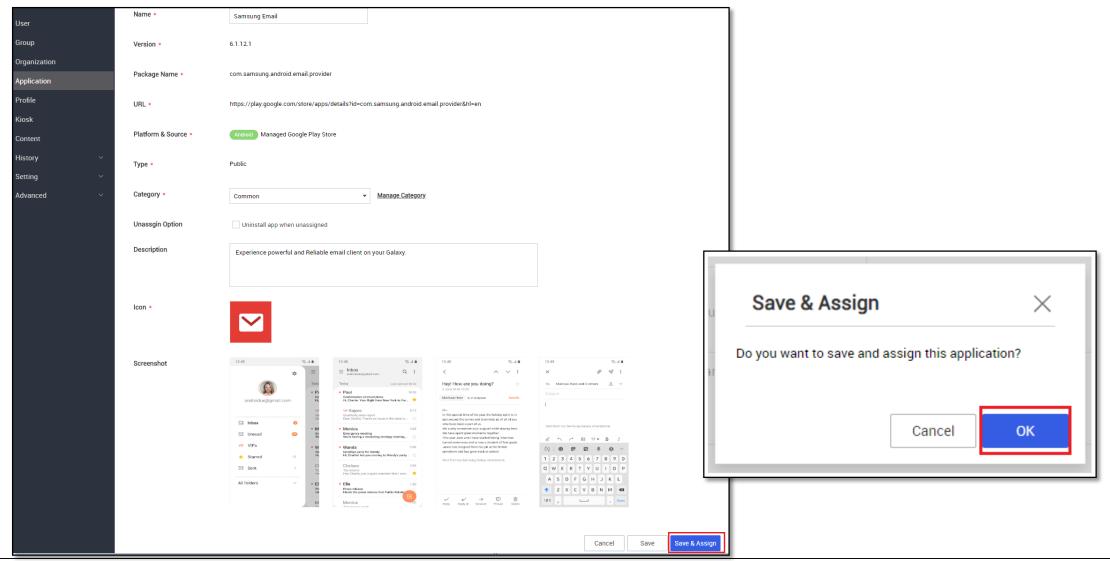


Managed Google Play Configuration



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

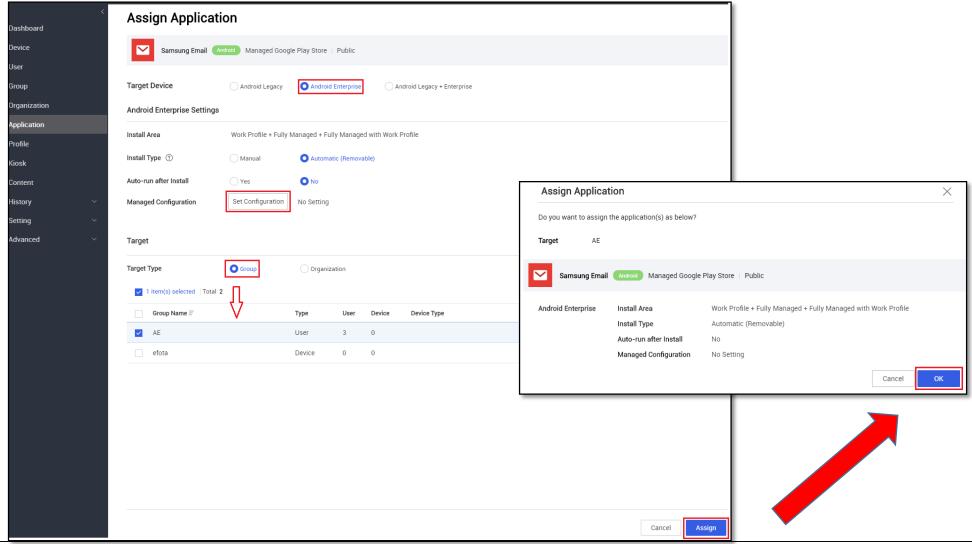


Managed Google Play Configuration



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



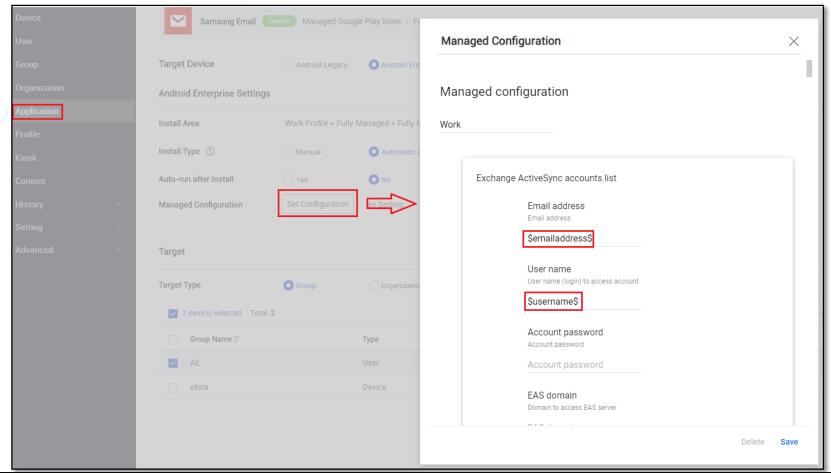
AppConfig on Samsung Knox Manage



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 [\$]

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.



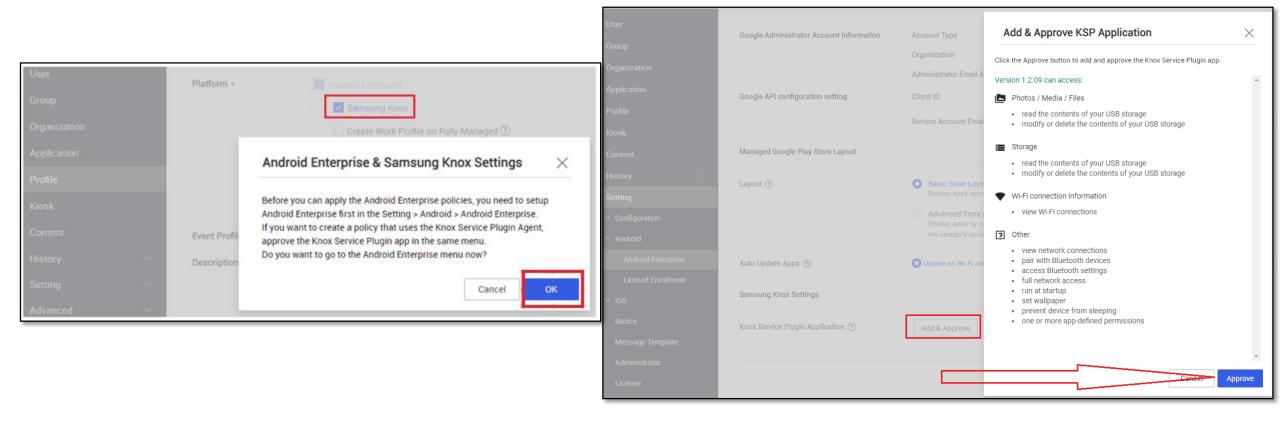
Configure Knox Platform for Enterprise: Standard Edition



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 one 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



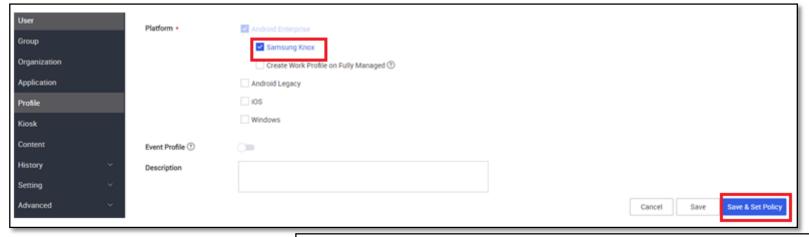
Configure Knox Platform for Enterprise: Standard Edition

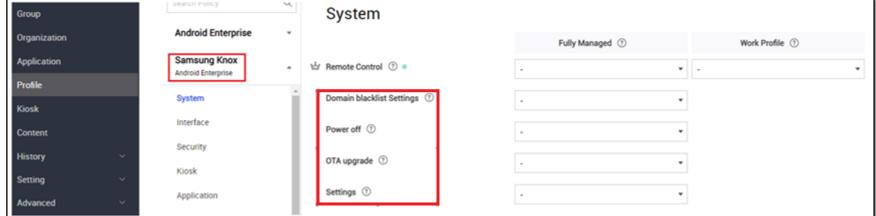


Configure KPE: Standard Edition on Samsung Knox Manage

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 Green dot • and or Crown 🕁 icon



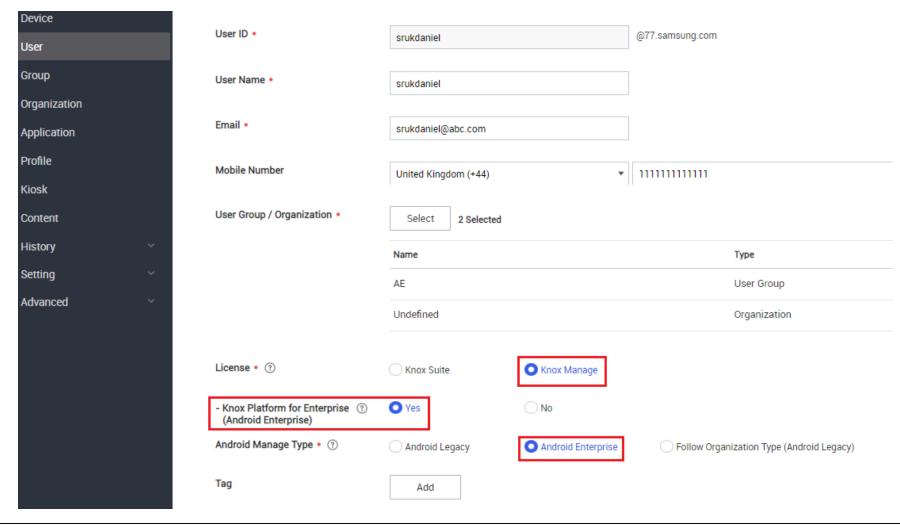


Knox Platform for Enterprise: Premium Edition using KPE Key



Pre requisite:

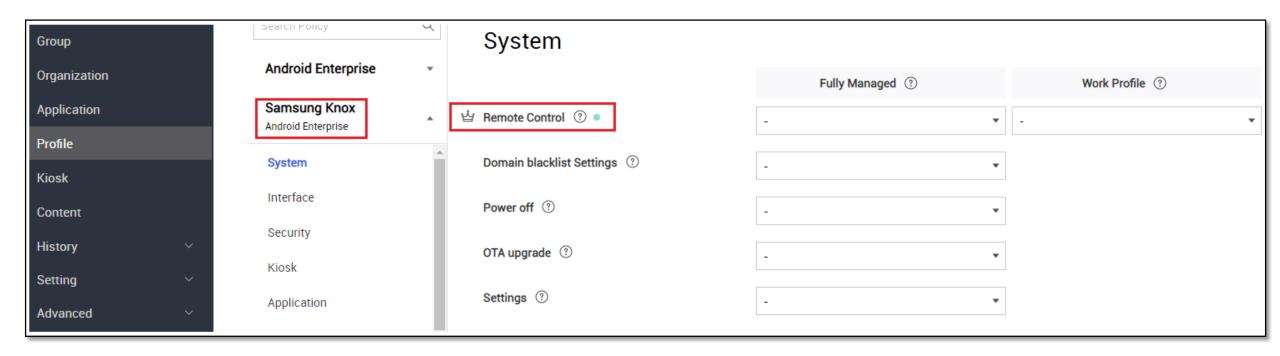
- Both Knox Manage and Knox Platform for Enterprise license keys are available in Knox Manage Console (Settings → License)
- At the user level, select Knox Manage as License type and tick Yes for Knox Platform for Enterprise (Android Enterprise)



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 Green dot • and Crown icon

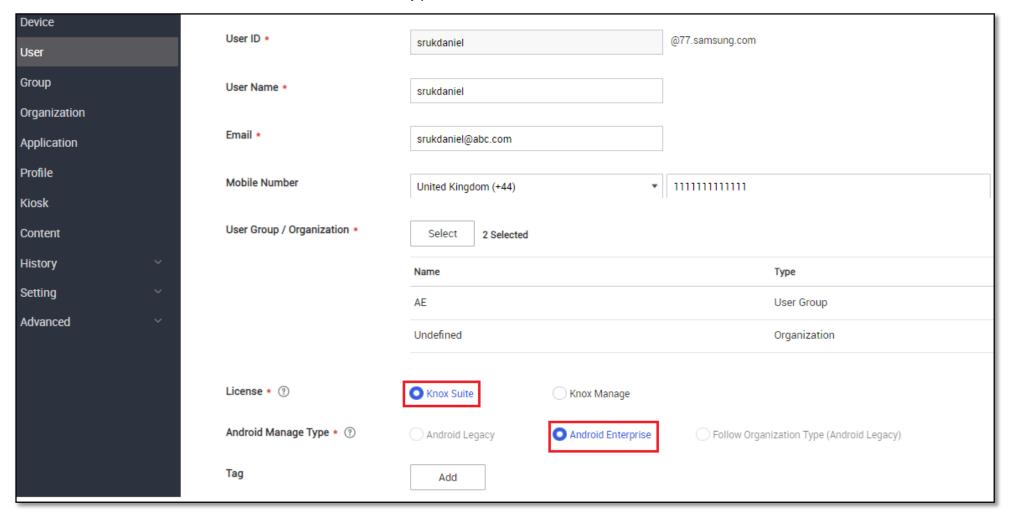


Knox Platform for Enterprise : Premium Edition using Knox Suite Key



Pre requisite:

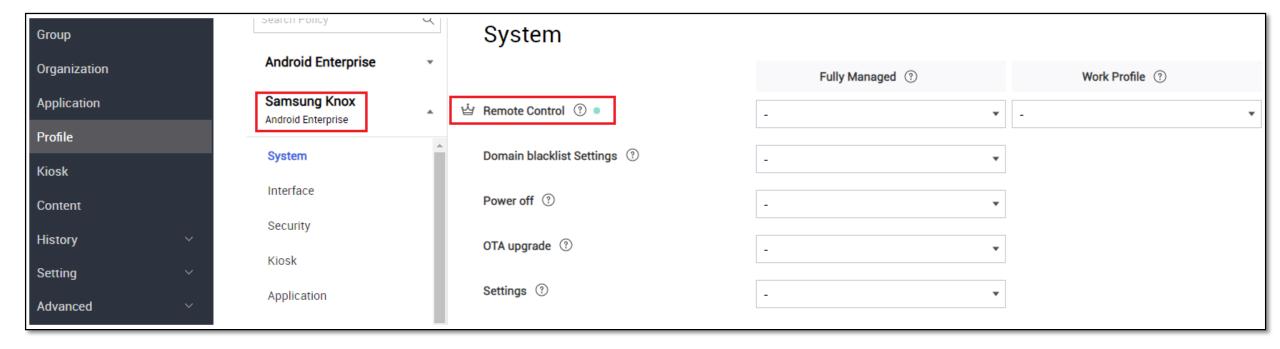
- Knox Suite license is available in Knox Manage Console (Settings → License)
- At the user level, select Knox Suite as License type



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 with Green dot and Crown icon



Knox Service Plugin [KSP]

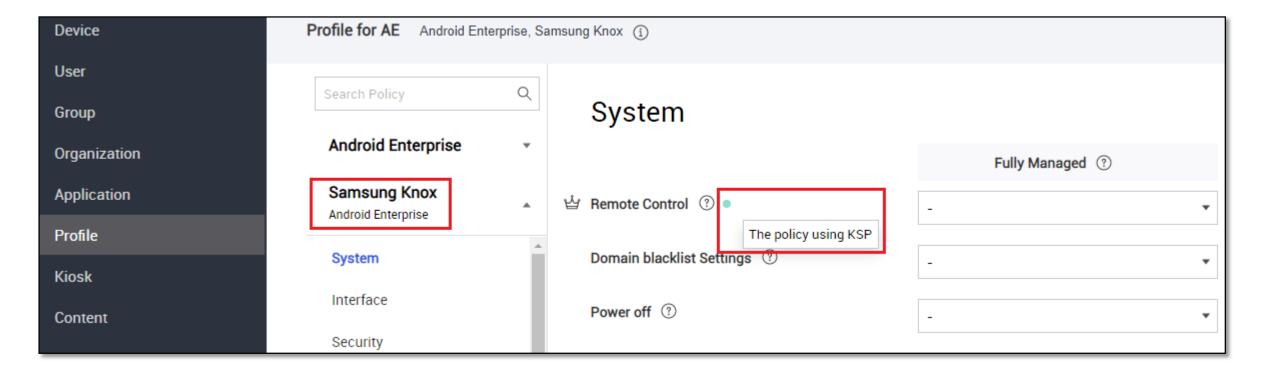


License Requirement:

- Knox Manage for free feature
- Knox Platform for Enterprise for paid feature
- Knox Suite license for free and paid feature

Knox Service Plugin app addition and approval was explained in Slide 26.

Knox Service Plugin policies are marked with a green dot under **Samsung Knox Android Enterprise** policy category.



Document Information



This is version 2.2 of this document.

Thank you!



