

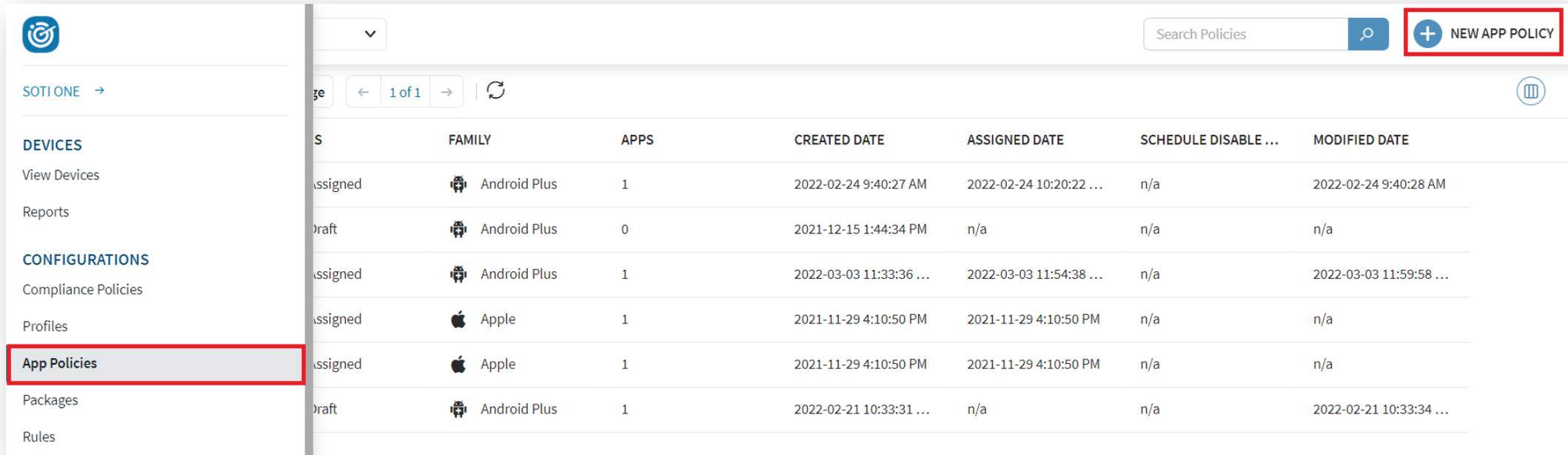
Knox Asset Intelligence (KAI) – SOTI MobiControl Auto Enroll

July 2022
Samsung R&D Centre UK
(SRUK)

1. Add the Knox Asset Intelligence app to MobiControl
2. Assign the Knox Asset Intelligence app to the devices
3. Add the Knox Service Plugin to MobiControl
4. Create a Knox Service Plugin configuration
5. Assign the Knox Service Plugin app to the devices
6. Check the KAI console to see if devices have successfully enrolled

Add the Knox Asset Intelligence app to MobiControl

- Within the console, select App Policies
- Select NEW APP POLICY

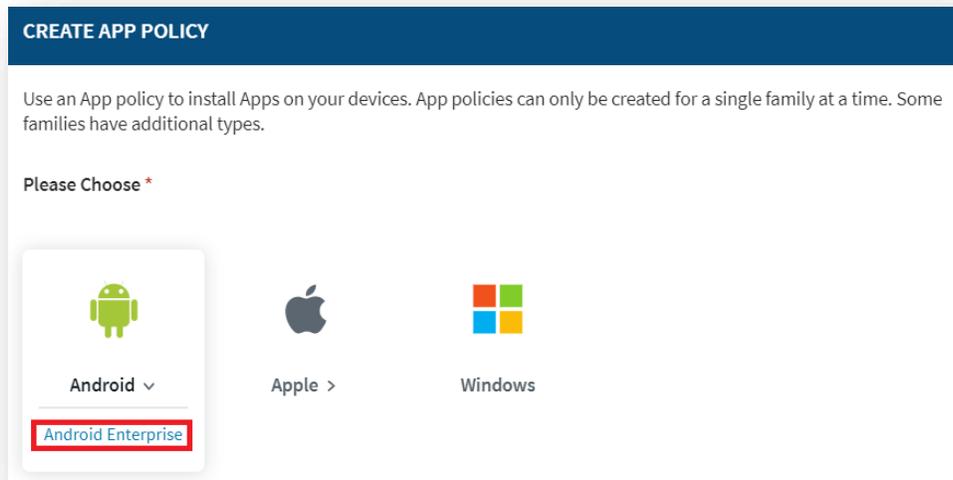


The screenshot shows the Knox console interface. On the left, a navigation menu is visible with the following items: SOTI ONE, DEVICES (View Devices, Reports), CONFIGURATIONS (Compliance Policies, Profiles, App Policies, Packages, Rules). The 'App Policies' item is highlighted with a red box. The main content area displays a table of app policies. At the top right of the main area, there is a search bar labeled 'Search Policies' and a button labeled '+ NEW APP POLICY' which is also highlighted with a red box. Below the search bar, there are navigation controls including a dropdown arrow, a page indicator '1 of 1', and a refresh icon. The table has the following columns: STATUS, FAMILY, APPS, CREATED DATE, ASSIGNED DATE, SCHEDULE DISABLE ..., and MODIFIED DATE. The table contains seven rows of data.

STATUS	FAMILY	APPS	CREATED DATE	ASSIGNED DATE	SCHEDULE DISABLE ...	MODIFIED DATE
Assigned	Android Plus	1	2022-02-24 9:40:27 AM	2022-02-24 10:20:22 ...	n/a	2022-02-24 9:40:28 AM
Draft	Android Plus	0	2021-12-15 1:44:34 PM	n/a	n/a	n/a
Assigned	Android Plus	1	2022-03-03 11:33:36 ...	2022-03-03 11:54:38 ...	n/a	2022-03-03 11:59:58 ...
Assigned	Apple	1	2021-11-29 4:10:50 PM	2021-11-29 4:10:50 PM	n/a	n/a
Assigned	Apple	1	2021-11-29 4:10:50 PM	2021-11-29 4:10:50 PM	n/a	n/a
Draft	Android Plus	1	2022-02-21 10:33:31 ...	n/a	n/a	2022-02-21 10:33:34 ...

Add the Knox Asset Intelligence app to MobiControl

- Select Android Enterprise
- Enter an App Policy Name
- Select APPS



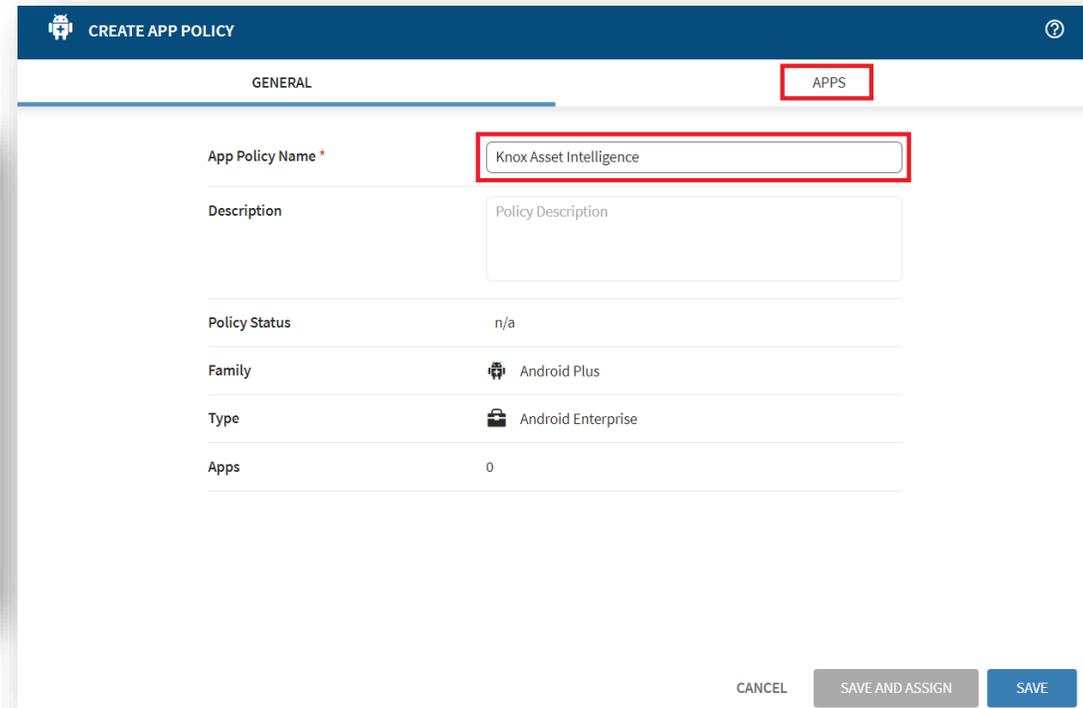
CREATE APP POLICY

Use an App policy to install Apps on your devices. App policies can only be created for a single family at a time. Some families have additional types.

Please Choose *

Android ▾
Apple > Windows

Android Enterprise



CREATE APP POLICY

GENERAL APPS

App Policy Name * Knox Asset Intelligence

Description Policy Description

Policy Status n/a

Family Android Plus

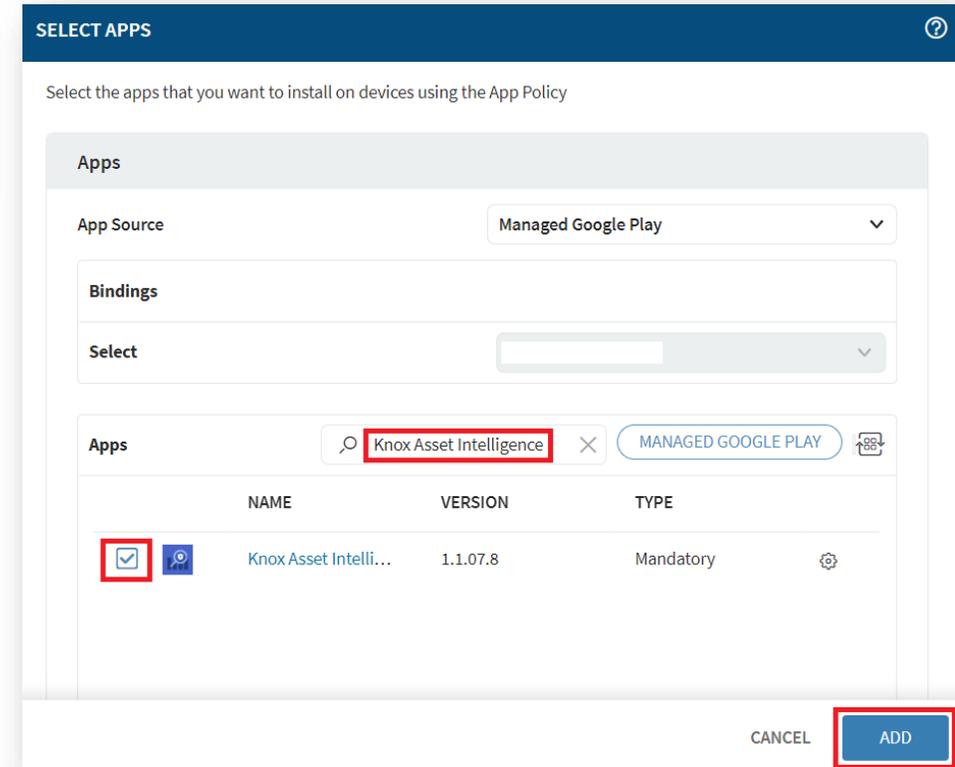
Type Android Enterprise

Apps 0

CANCEL SAVE AND ASSIGN SAVE

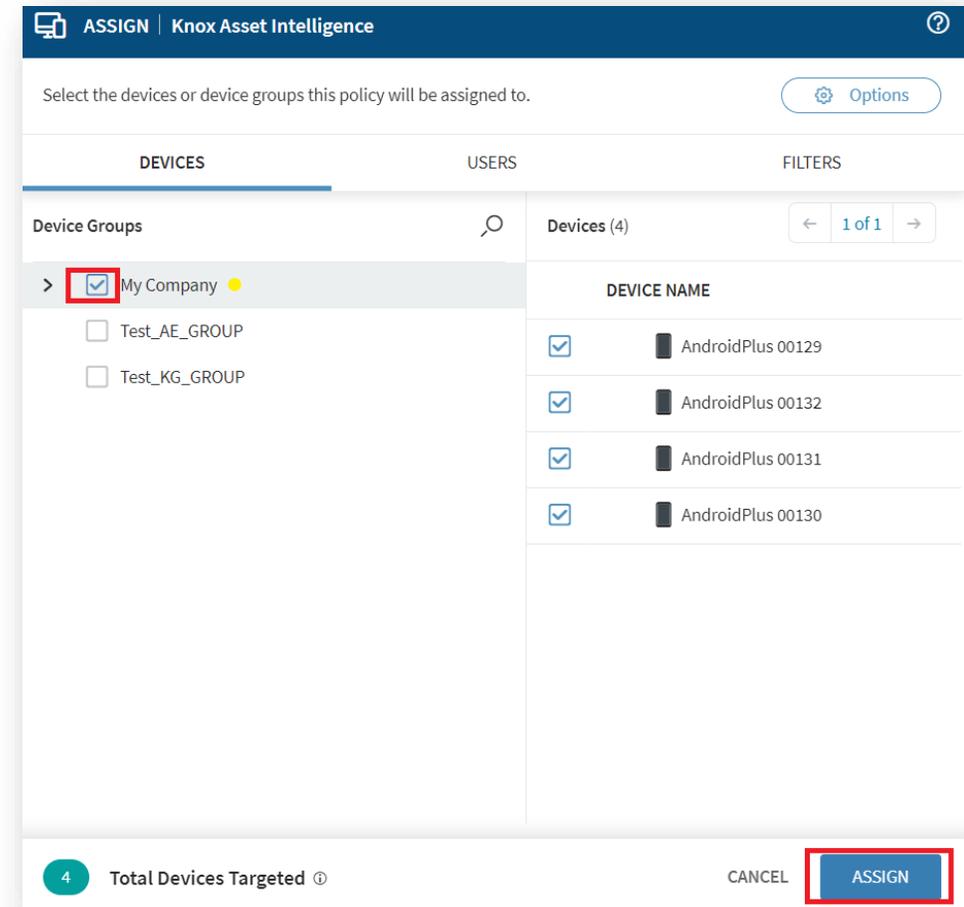
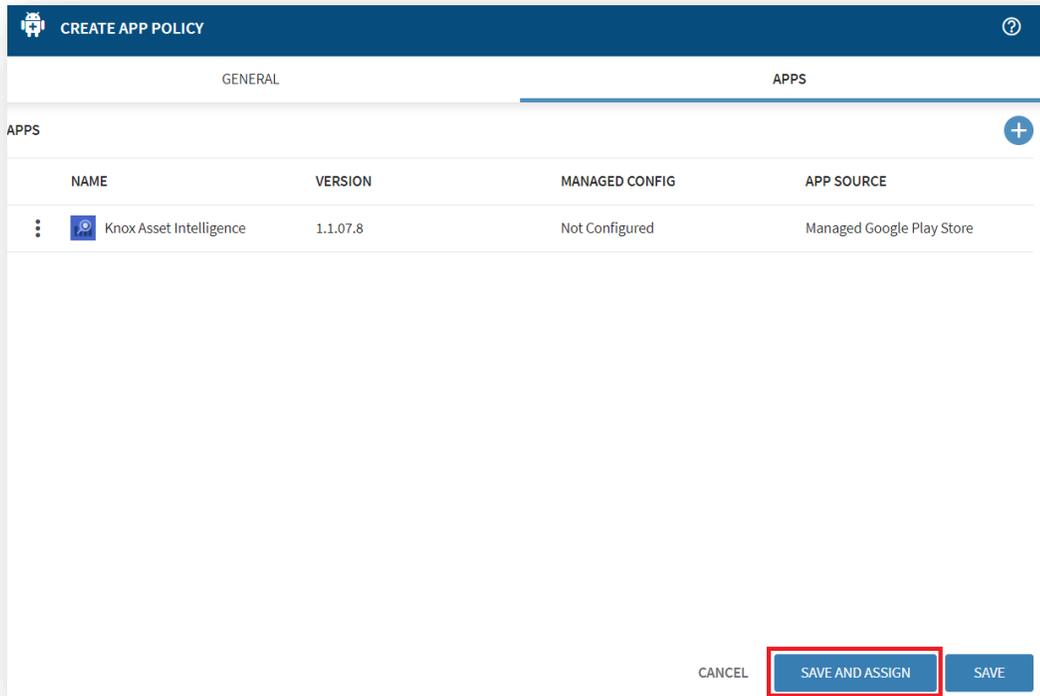
Add the Knox Asset Intelligence app to MobiControl

- Select the + symbol
- Search for Knox Asset Intelligence
- Select Knox Asset Intelligence
- Select ADD



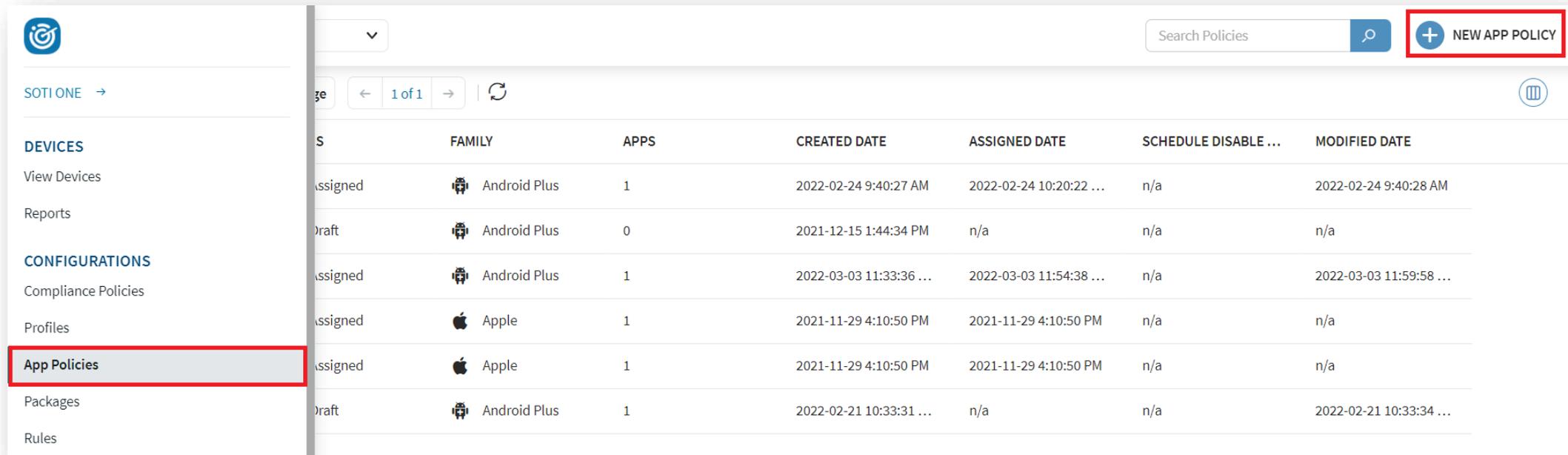
Assign the Knox Asset Intelligence app to the devices

- Select SAVE AND ASSIGN
- Select the desired Device Group
- Select ASSIGN



Add the Knox Service Plugin app to MobiControl

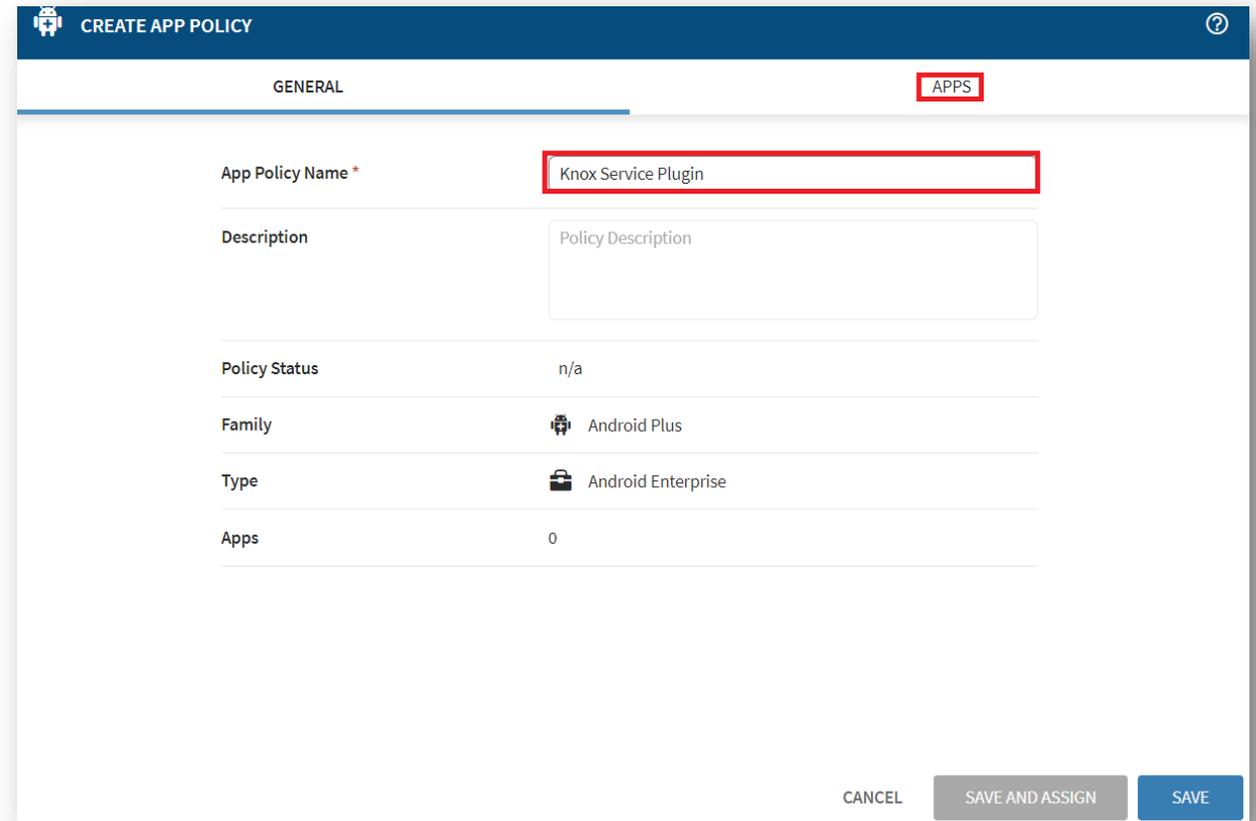
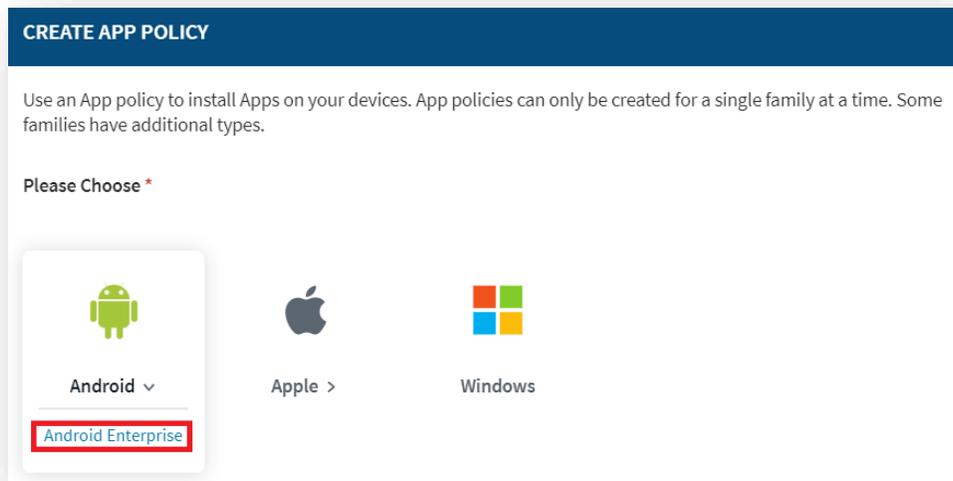
- Navigate back to App Policies
- Select NEW APP POLICY



STATUS	FAMILY	APPS	CREATED DATE	ASSIGNED DATE	SCHEDULE DISABLE ...	MODIFIED DATE
Assigned	Android Plus	1	2022-02-24 9:40:27 AM	2022-02-24 10:20:22 ...	n/a	2022-02-24 9:40:28 AM
Draft	Android Plus	0	2021-12-15 1:44:34 PM	n/a	n/a	n/a
Assigned	Android Plus	1	2022-03-03 11:33:36 ...	2022-03-03 11:54:38 ...	n/a	2022-03-03 11:59:58 ...
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Assigned	Apple	1	2021-11-29 4:10:50 PM	2021-11-29 4:10:50 PM	n/a	n/a
Draft	Android Plus	1	2022-02-21 10:33:31 ...	n/a	n/a	2022-02-21 10:33:34 ...

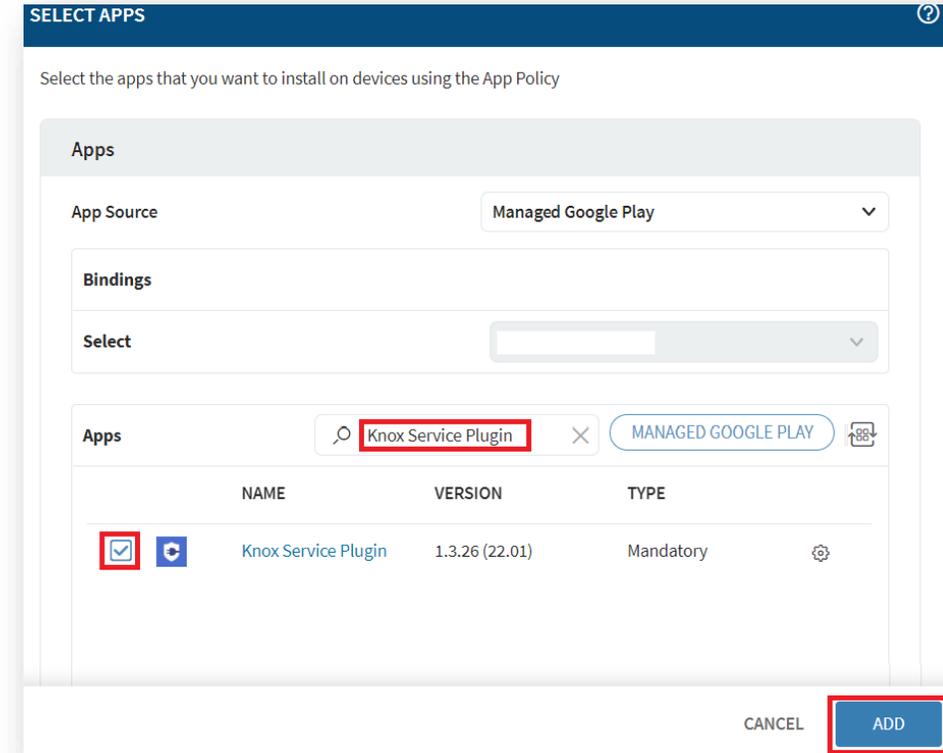
Add the Knox Service Plugin app to MobiControl

- Select Android Enterprise
- Enter an App Policy Name
- Select APPS



Add the Knox Service Plugin app to MobiControl

- Select the + symbol
- Search for the Knox Service Plugin
- Select the Knox Service Plugin
- Select ADD



Create a Knox Service Plugin configuration

- Select the options button next to Knox Service Plugin
- Select Configure
- Select Managed App Config
- Select Enable Managed App Config

CREATE APP POLICY

GENERAL APPS

APPS

NAME	VERSION	MANAGED CONFIG	APP SOURCE
Knox Service Plugin	1.3.26 (22.01)	Not Configured	Managed Google Play Store

Configure

Delete

Configure

App Details

Installation Options

Managed App Config

Specify the configuration options for the application you are adding or editing

Enable Managed App Config

Advanced options available for the application

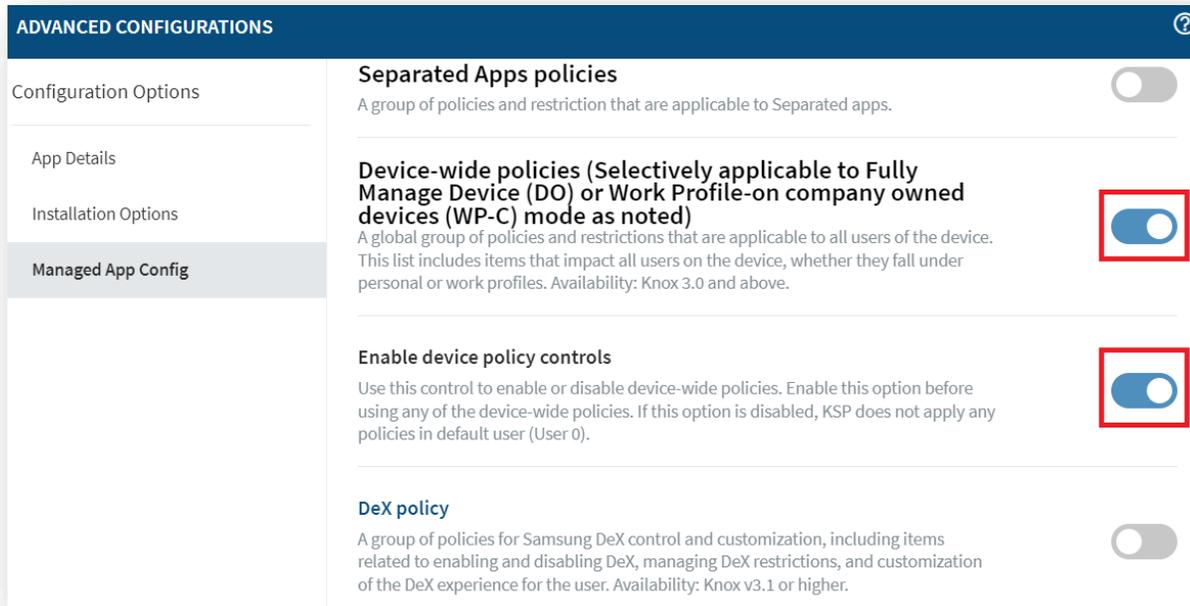
Profile name

Add a unique profile name that highlights the policies and restrictions applicable to this profile. You can later use the name for tracking and debugging. To ensure good user experience, we recommend using a name less than 50 characters in length.

Knox profile

Create a Knox Service Plugin configuration

- Scroll down, Enable Device-wide policies and Enable device policy controls
- Scroll down, Enable Application management policies



ADVANCED CONFIGURATIONS ⓘ

Configuration Options

App Details

Installation Options

Managed App Config

Separated Apps policies

A group of policies and restriction that are applicable to Separated apps.

Device-wide policies (Selectively applicable to Fully Manage Device (DO) or Work Profile-on company owned devices (WP-C) mode as noted)

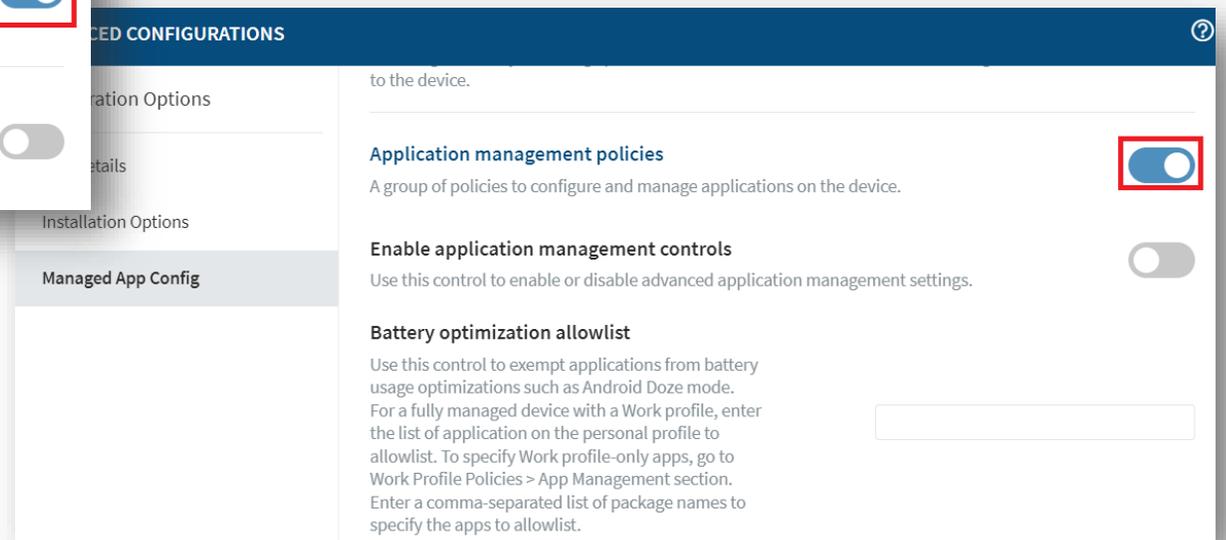
A global group of policies and restrictions that are applicable to all users of the device. This list includes items that impact all users on the device, whether they fall under personal or work profiles. Availability: Knox 3.0 and above.

Enable device policy controls

Use this control to enable or disable device-wide policies. Enable this option before using any of the device-wide policies. If this option is disabled, KSP does not apply any policies in default user (User 0).

DeX policy

A group of policies for Samsung DeX control and customization, including items related to enabling and disabling DeX, managing DeX restrictions, and customization of the DeX experience for the user. Availability: Knox v3.1 or higher.



ADVANCED CONFIGURATIONS ⓘ

Configuration Options

App Details

Installation Options

Managed App Config

to the device.

Application management policies

A group of policies to configure and manage applications on the device.

Enable application management controls

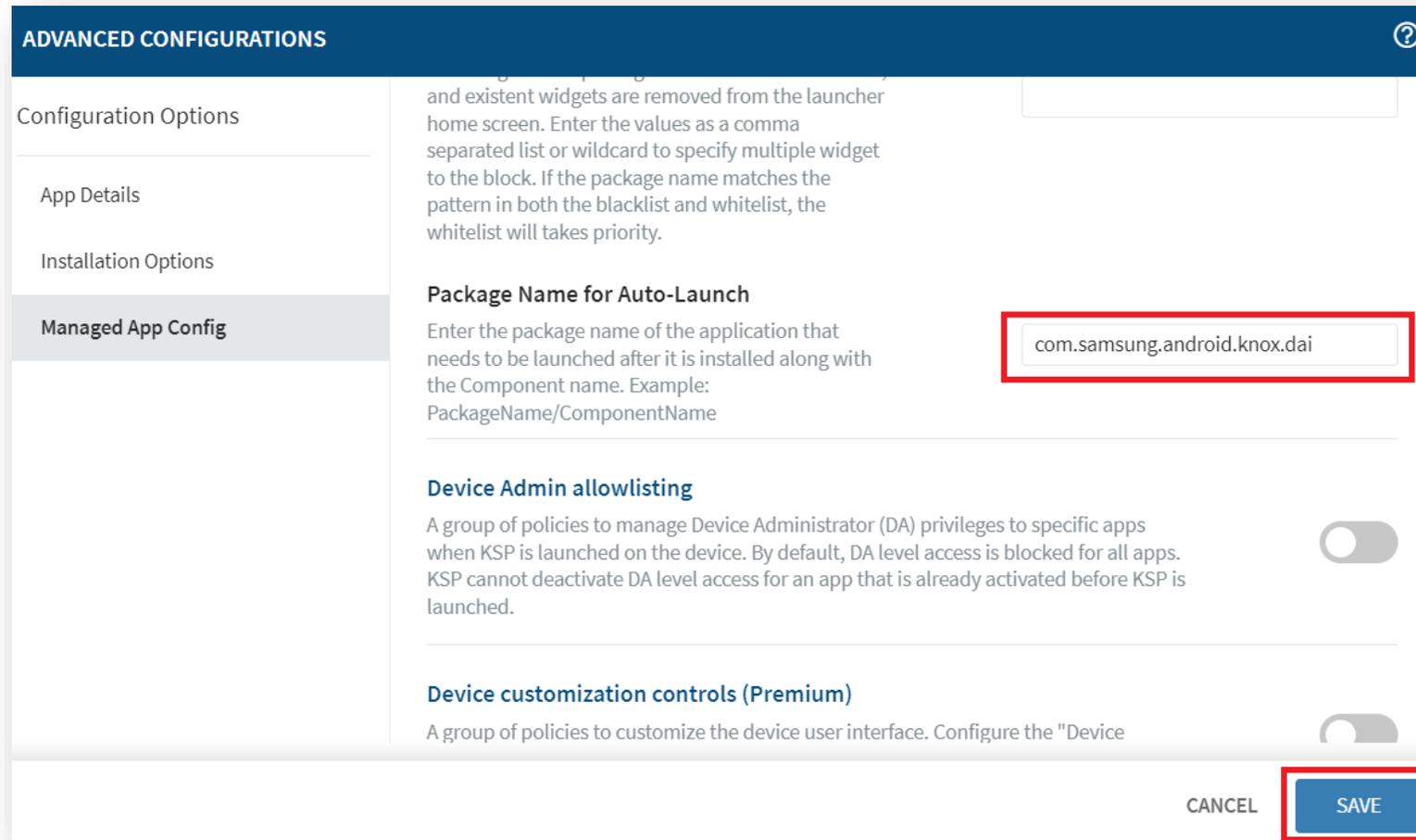
Use this control to enable or disable advanced application management settings.

Battery optimization allowlist

Use this control to exempt applications from battery usage optimizations such as Android Doze mode. For a fully managed device with a Work profile, enter the list of application on the personal profile to allowlist. To specify Work profile-only apps, go to Work Profile Policies > App Management section. Enter a comma-separated list of package names to specify the apps to allowlist.

Create a Knox Service Plugin configuration

- Scroll down, for Package Name for Auto-Launch enter: `com.samsung.android.dai`
- Select SAVE



ADVANCED CONFIGURATIONS ⓘ

Configuration Options

App Details

Installation Options

Managed App Config

and existent widgets are removed from the launcher home screen. Enter the values as a comma separated list or wildcard to specify multiple widget to the block. If the package name matches the pattern in both the blacklist and whitelist, the whitelist will takes priority.

Package Name for Auto-Launch

Enter the package name of the application that needs to be launched after it is installed along with the Component name. Example: `PackageName/ComponentName`

`com.samsung.android.knox.dai`

Device Admin allowlisting

A group of policies to manage Device Administrator (DA) privileges to specific apps when KSP is launched on the device. By default, DA level access is blocked for all apps. KSP cannot deactivate DA level access for an app that is already activated before KSP is launched.

Device customization controls (Premium)

A group of policies to customize the device user interface. Configure the "Device

CANCEL **SAVE**

Assign the Knox Service Plugin app to the devices

- Select SAVE AND ASSIGN
- Selected a desired Device Group
- Select ASSIGN

CREATE APP POLICY

GENERAL | **APPS**

APPS

NAME	VERSION	MANAGED CONFIG	APP SOURCE
Knox Service Plugin	1.3.26 (22.01)	Configured	Managed Google Play Store

CANCEL **SAVE AND ASSIGN** SAVE

DEVICES | USERS | FILTERS

Device Groups My Company Test_AE_GROUP Test_KG_GROUP

DEVICES (4) ← 1 of 1 →

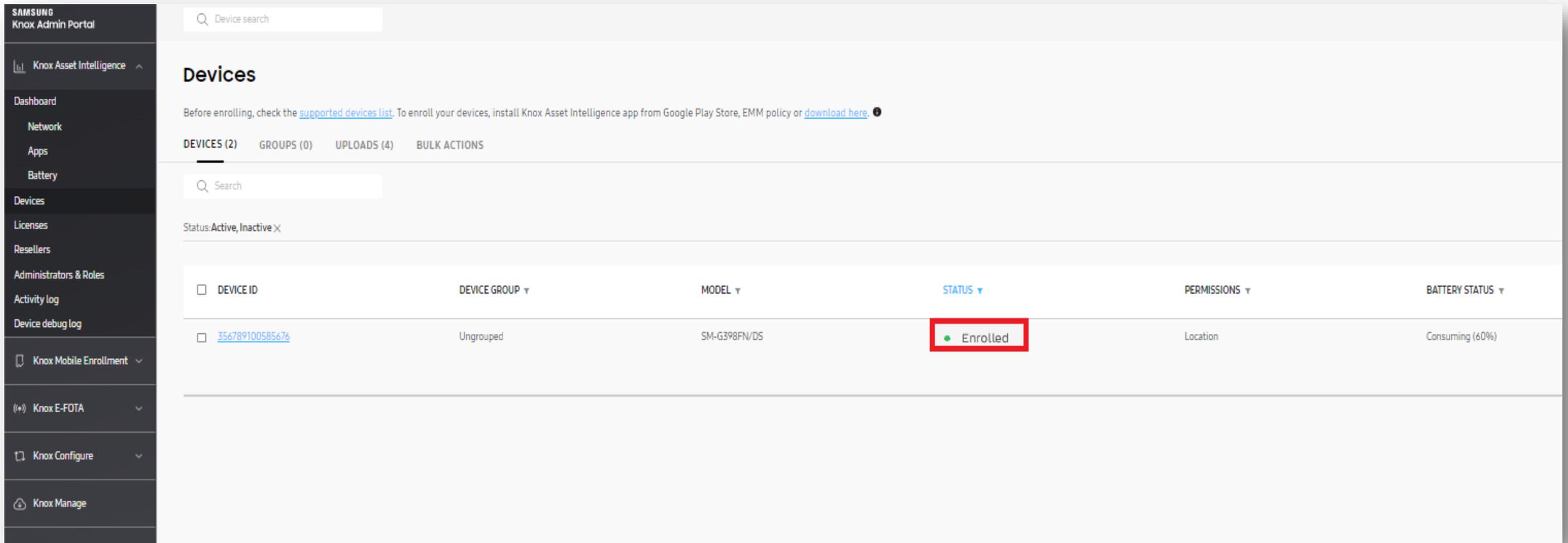
DEVICE NAME

- AndroidPlus 00129
- AndroidPlus 00132
- AndroidPlus 00131
- AndroidPlus 00130

4 Total Devices Targeted ⓘ CANCEL **ASSIGN**

Check the devices have enrolled

- Open Knox Asset Intelligence
- Select the Devices tab
- Check the Status of the devices are now marked as Enrolled

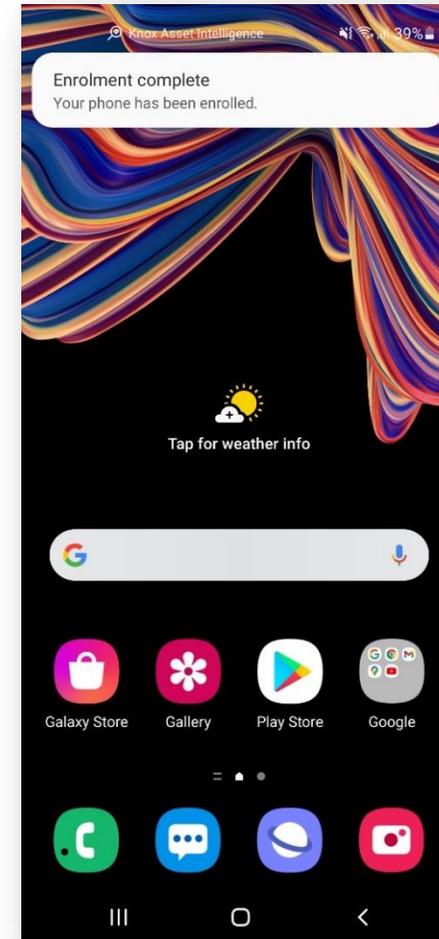
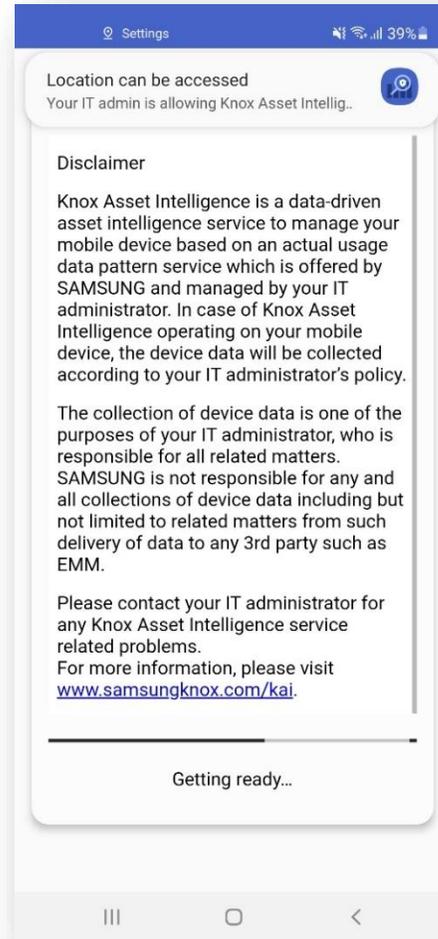
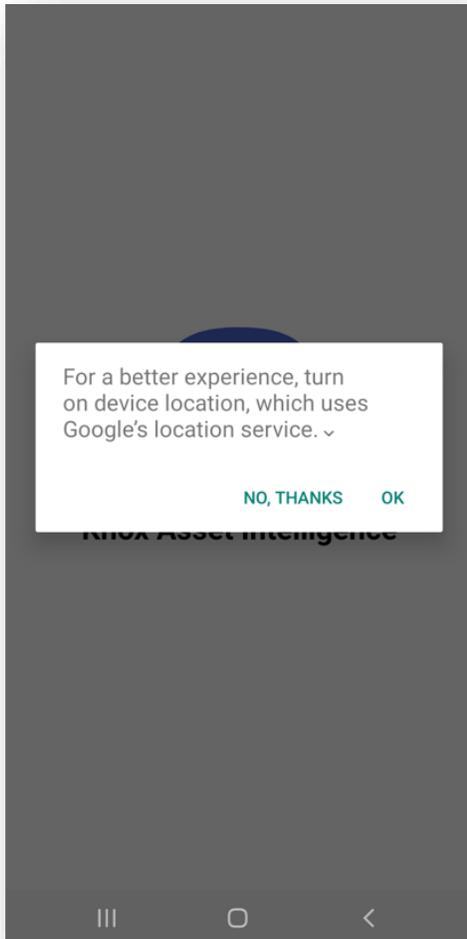


The screenshot shows the Samsung Knox Admin Portal interface. On the left is a dark sidebar with navigation options: Dashboard, Network, Apps, Battery, Devices, Licenses, Resellers, Administrators & Roles, Activity log, Device debug log, Knox Mobile Enrollment, Knox E-FOTA, Knox Configure, and Knox Manage. The main content area is titled 'Devices' and includes a search bar and a status filter set to 'Active, Inactive'. Below this is a table with columns for Device ID, Device Group, Model, Status, Permissions, and Battery Status. One device is listed with ID 356789100585676, Model SM-G398FN/DS, and Status 'Enrolled', which is highlighted with a red box.

DEVICES (2)	GROUPS (0)	UPLOADS (4)	BULK ACTIONS			
DEVICE ID	DEVICE GROUP	MODEL	STATUS	PERMISSIONS	BATTERY STATUS	
<input type="checkbox"/> 356789100585676	Ungrouped	SM-G398FN/DS	● Enrolled	Location	Consuming (60%)	

KAI enrollment

- Once the Knox Asset Intelligence app has been deployed with the Knox Service Plugin app configuration, no action is needed in order to enroll into Knox Asset Intelligence. If an end user opens the Knox Asset Intelligence app they will see the below.



Document Information

This is version 1.1 of this document.

Thank you!

