

Knox Asset Intelligence (KAI) – Knox Manage (KM) Auto Enroll

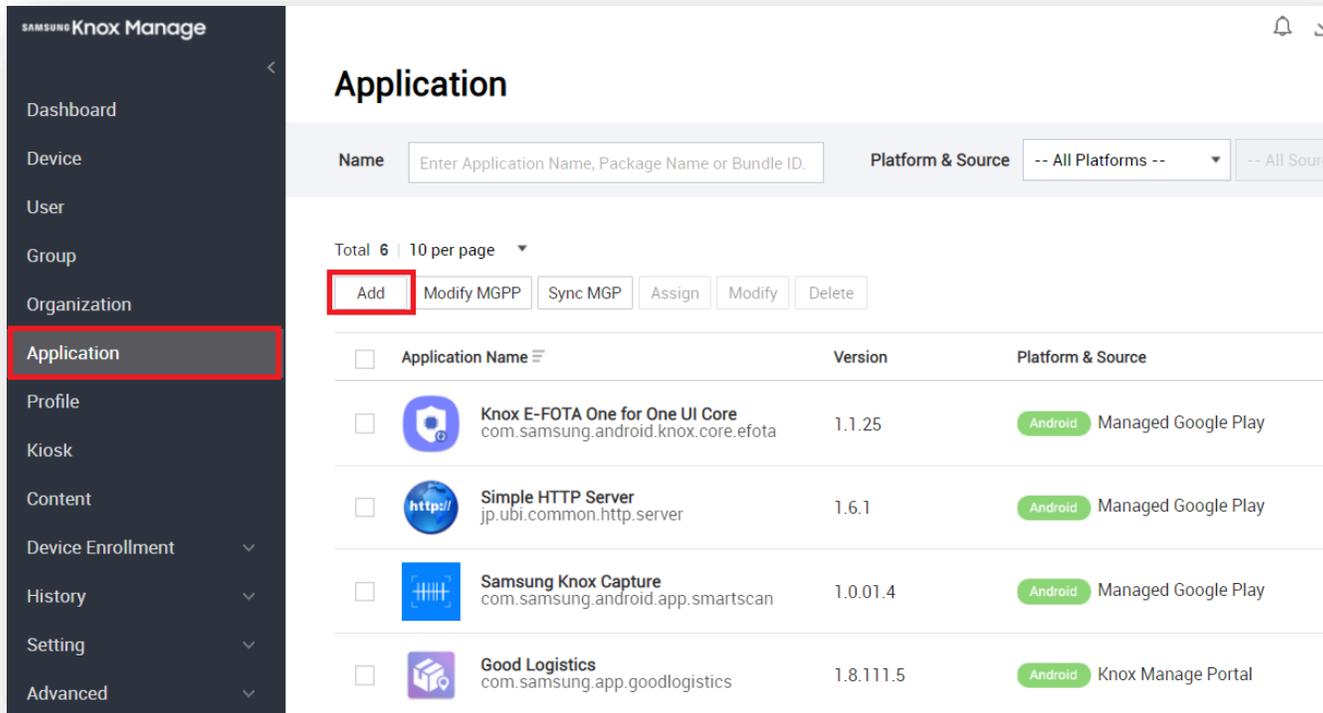
July 2022
Samsung R&D Centre UK
(SRUK)

Agenda

1. Add the Knox Asset Intelligence app to Knox Manage
2. Deploy the KAI agent to the devices
3. Create and assign an Android Enterprise app permission profile
4. Check the devices have enrolled to KAI successfully

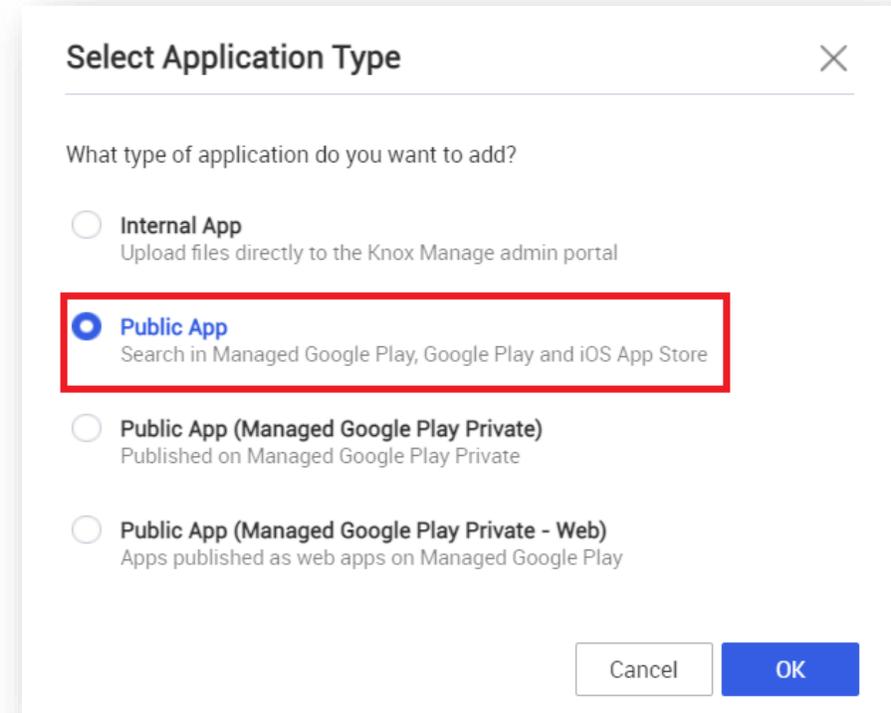
Add the Knox Asset Intelligence app to Knox Manage

- Within the Knox Manage console, select Application
- Select Add
- Select Public App



The screenshot shows the 'Application' page in the Samsung Knox Manage console. The left sidebar contains navigation options: Dashboard, Device, User, Group, Organization, **Application** (highlighted with a red box), Profile, Kiosk, Content, Device Enrollment, History, Setting, and Advanced. The main content area has a search bar for 'Name' and a 'Platform & Source' dropdown. Below the search bar, there are buttons for 'Add', 'Modify MGPP', 'Sync MGP', 'Assign', 'Modify', and 'Delete'. The 'Add' button is highlighted with a red box. A table below lists several applications with columns for 'Application Name', 'Version', and 'Platform & Source'.

| Application Name | Version | Platform & Source |
|--|-----------|-----------------------------|
| Knox E-FOTA One for One UI Core com.samsung.android.knox.core.efota | 1.1.25 | Android Managed Google Play |
| Simple HTTP Server jp.ubi.common.http.server | 1.6.1 | Android Managed Google Play |
| Samsung Knox Capture com.samsung.android.app.smartscan | 1.0.01.4 | Android Managed Google Play |
| Good Logistics com.samsung.app.goodlogistics | 1.8.111.5 | Android Knox Manage Portal |



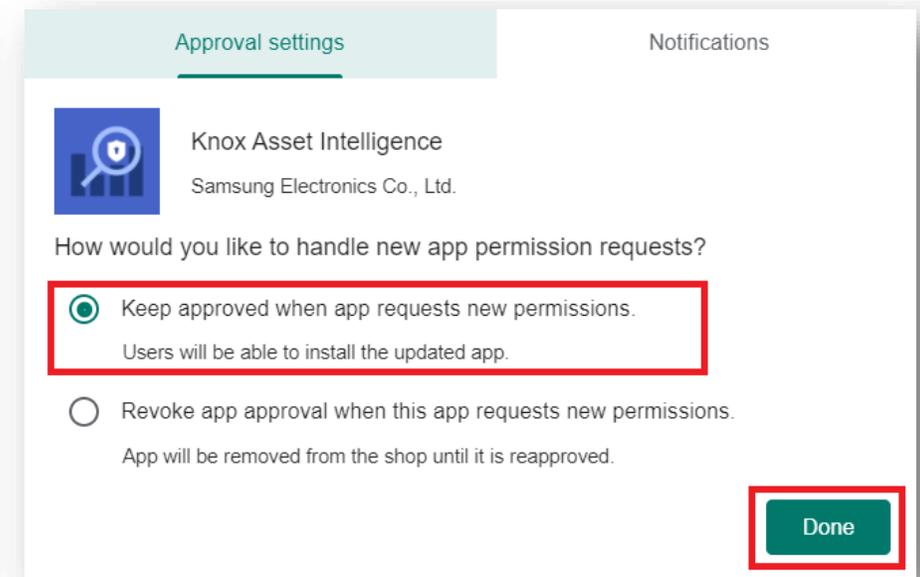
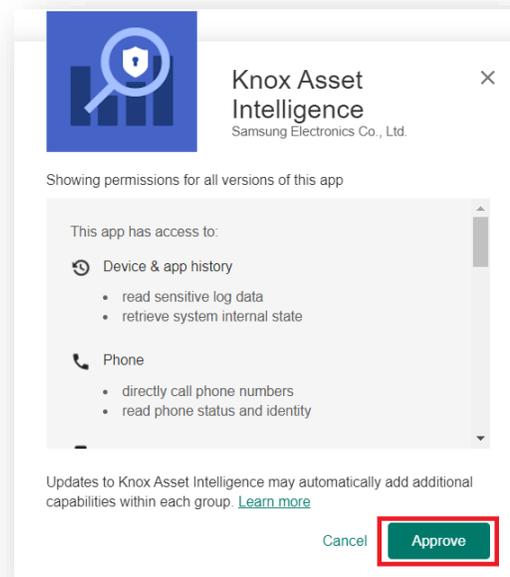
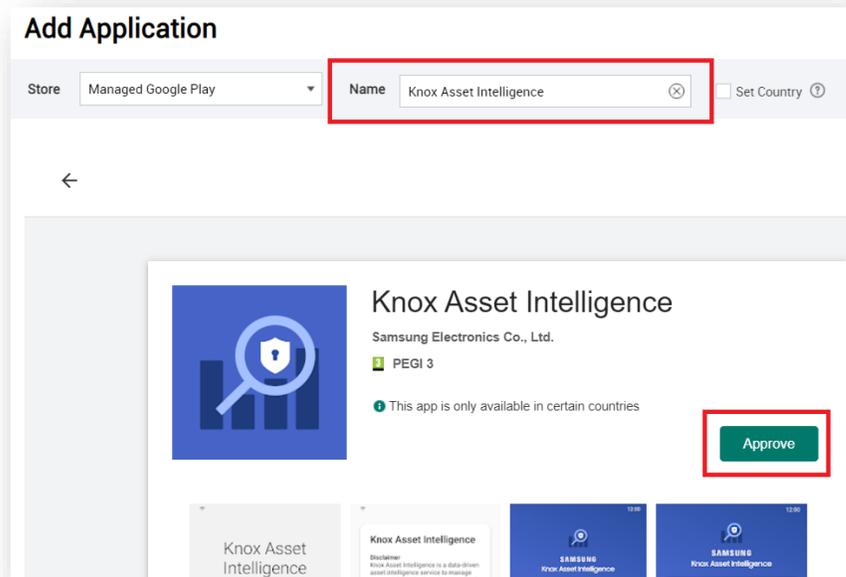
The screenshot shows the 'Select Application Type' dialog box. It asks 'What type of application do you want to add?' and provides four options:

- Internal App: Upload files directly to the Knox Manage admin portal
- Public App**: Search in Managed Google Play, Google Play and iOS App Store (highlighted with a red box)
- Public App (Managed Google Play Private): Published on Managed Google Play Private
- Public App (Managed Google Play Private - Web): Apps published as web apps on Managed Google Play

 At the bottom right, there are 'Cancel' and 'OK' buttons.

Add the Knox Asset Intelligence app to Knox Manage

- Search for Knox Asset Intelligence
- Select Approve
- Select Approve
- Select Keep approved when app requests new permissions
- Select Done



Deploy the KAI app to the devices

- Select Save & Assign
- For Target Device, select Android Enterprise
- For Auto-run after installation, select Yes
- Select an assignment group
- Select Assign

Add Application

Name: Knox Asset Intelligence

Version: 1.0.21.1

Package Name: com.samsung.android.knox.dal

URL: https://play.google.com/store/apps/details?id=com.samsung.android.knox.dal&hl=en

Platform & Source: Managed Google Play

Type: Public

Category: Common

Unassign Option: Uninstall app when unassigned

Description: Knox Asset Intelligence provides asset visibility for Samsung devices

Icon:

Screenshot:

Buttons: Cancel, Save, **Save & Assign**

Assign Application

Knox Asset Intelligence Android Managed Google Play | Public

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

Android Enterprise Settings

Installation Area: Device + Work Profile

Installation Type: Manual Automatic (Removable)

Auto-run after installation: **Yes** No

Target

Target Type: Group Organization

1 Item(s) selected | Total 2

| Group Name | Type | User | Device | Device Type | Last Assigned |
|--|------|------|--------|---------------------------------------|---------------|
| <input checked="" type="checkbox"/> Test Group | User | 1 | 1 | 1 Android Enterprise | - |
| <input type="checkbox"/> jktest.samsung.com(Default Group) | User | 2 | 2 | 1 Android Legacy 1 Android Enterprise | - |

Buttons: Cancel, **Assign**

Create and assign an Android Enterprise app permission profile

- Select Profile
- Select Add
- Enter a profile name of your choice
- For Platform select Android Enterprise
- Select Save & Set Policy

The screenshot displays the Knox mobile management interface. On the left is a dark sidebar menu with the following items: Dashboard, Device, User, Group, Organization, Application, Profile (highlighted with a red box), Kiosk, Content, Device Enrollment, History, Setting, and Advanced. The main content area is titled 'Profile' and features a 'Name' input field, a 'Total 0 | 10 per page' dropdown, and a row of buttons: 'Add' (highlighted with a red box), 'Import Policy', 'Copy', 'Assign', 'Apply', and 'Delete'. Below the buttons is a table header with columns for 'Priority', 'Profile Name', and 'Ver'. Overlaid on the right is the 'Add Profile' dialog. It contains a 'Name' field with the text 'KAI Agent Permission' (highlighted with a red box) and a note: 'The entered profile name cannot be changed.' The 'Platform' section has radio buttons for 'Android Enterprise' (checked and highlighted with a red box), 'Samsung Knox', 'Android Legacy', 'iOS', and 'Windows'. There is also an 'Event Profile' toggle switch and a 'Description' text area. At the bottom of the dialog are three buttons: 'Cancel', 'Save', and 'Save & Set Policy' (highlighted with a red box).

Create and assign an Android Enterprise app permission profile

- Select Application
- For App Permission, select Grant
- Select Add next to App Permission Exception Policy List
- Select Knox Asset Intelligence

Search Policy

Android Enterprise

- System
- Interface
- Security
- Password
- Kiosk
- Application**
- Location
- Phone

Application

Highlight Work Profile on company-owned Dev

Device Controls

Installation of Application from Untrusted Sources

Skip App Tutorial

App Control

App Installation

App Uninstallation

App Verification

App Permission

App Permission Exception Policy List

Grant

Add 0 Added

There is no data.

Select Application

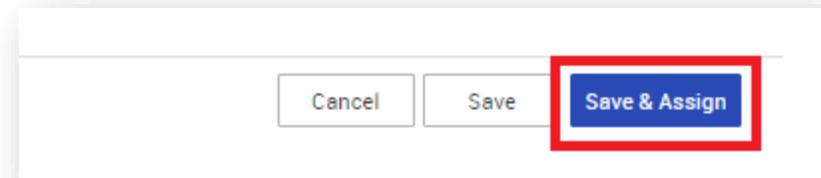
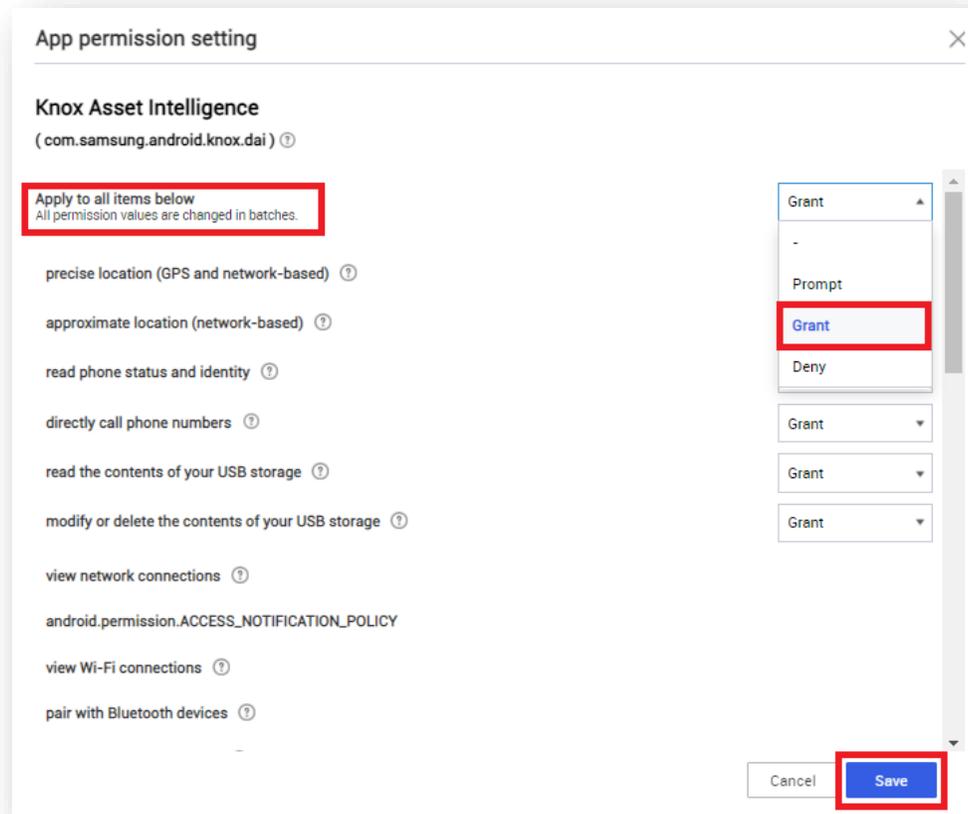
Total 6

Search by Application Name

| Application Name | Package Name | Type | Last Updated |
|---------------------------------|-------------------------------------|--------|---------------------|
| Knox Asset Intelligence | com.samsung.android.knox.dai | Public | 07/22/2021 11:52:16 |
| Knox E-FOTA One for One UI Core | com.samsung.android.knox.core.efota | Public | 06/16/2021 14:14:29 |
| Simple HTTP Server | jp.ubi.common.http.server | Public | 04/08/2021 13:17:11 |
| Samsung Knox Capture | com.samsung.android.app.smartscan | Public | 03/08/2021 12:49:39 |
| Microsoft Teams | com.microsoft.teams | Public | 03/08/2021 11:59:59 |
| Samsung Health | com.sec.android.app.shealth | Public | 10/21/2020 12:54:44 |

Create and assign an Android Enterprise app permission profile

- Next to Apply to all items below, select Grant
- Select Save
- Select Save & Assign



Create and assign an Android Enterprise app permission profile

- Select an assignment group
- Select Assign & Apply
- Select OK

Assign Profile

Profile for KAI Agent Permission Android Enterprise ⓘ

Target Group (0) / Organization (0)

Group Organization

1 item(s) selected | Total 2

| <input type="checkbox"/> | Name | Type | User | Device |
|-------------------------------------|-----------------------------------|------|------|--------|
| <input checked="" type="checkbox"/> | Test Group | User | 1 | 1 |
| <input type="checkbox"/> | jktest.samsung.com(Default Group) | User | 2 | 2 |

Apply Profile

Do you want to apply the following policies and settings to the following groups or organizations?

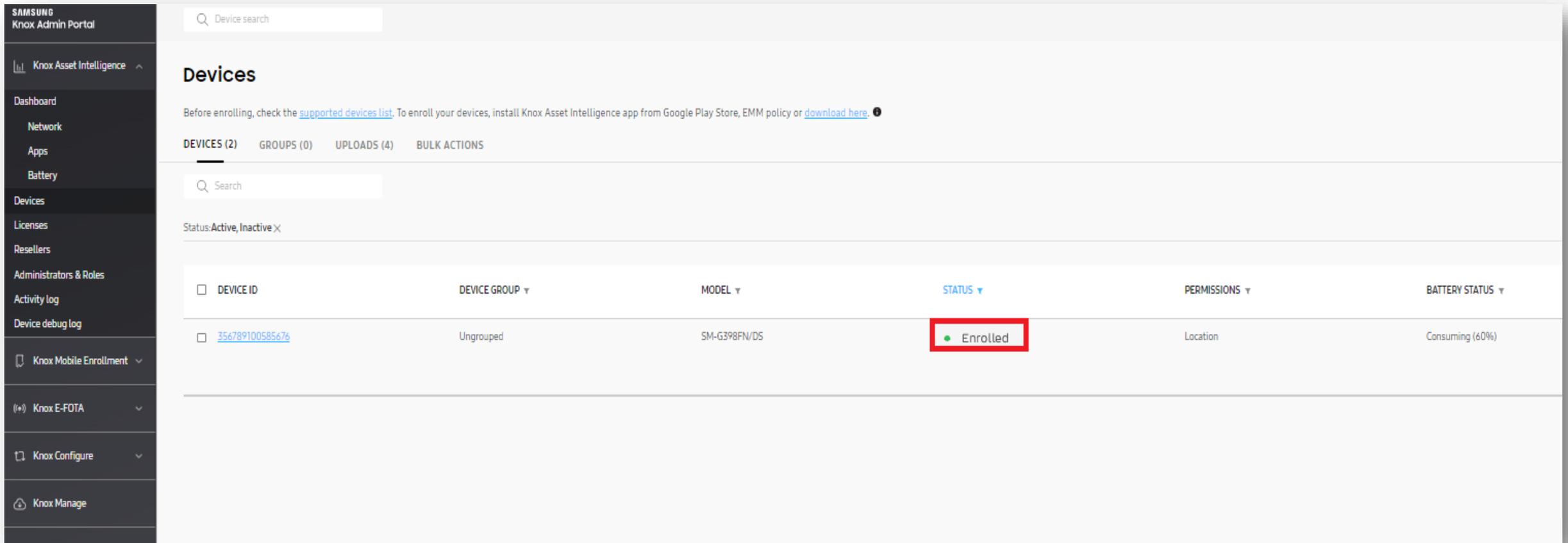
Target Group / Organization jktest.samsung.com(Default Group)

Policy

| Category | Policy | Value |
|--------------------------------------|--|--|
| Android Enterprise (Device Controls) | | |
| Application | App Permission | Grant |
| | - App Permission Exception Policy List | Knox Asset Intelligence(com.samsung.android.knox.da) ⓘ |

Check the devices have enrolled

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

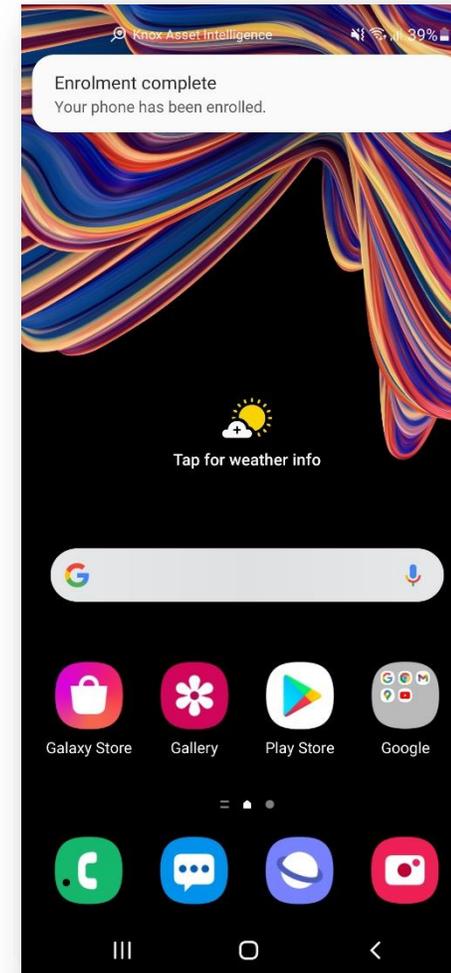
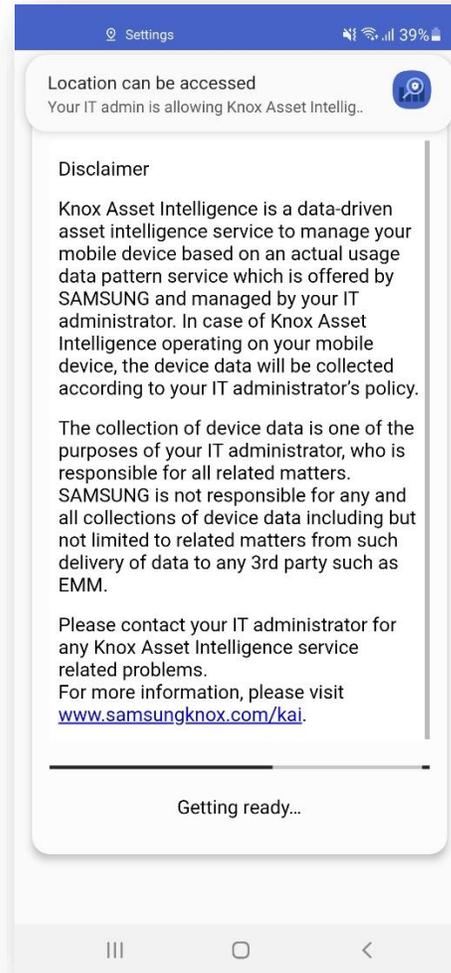
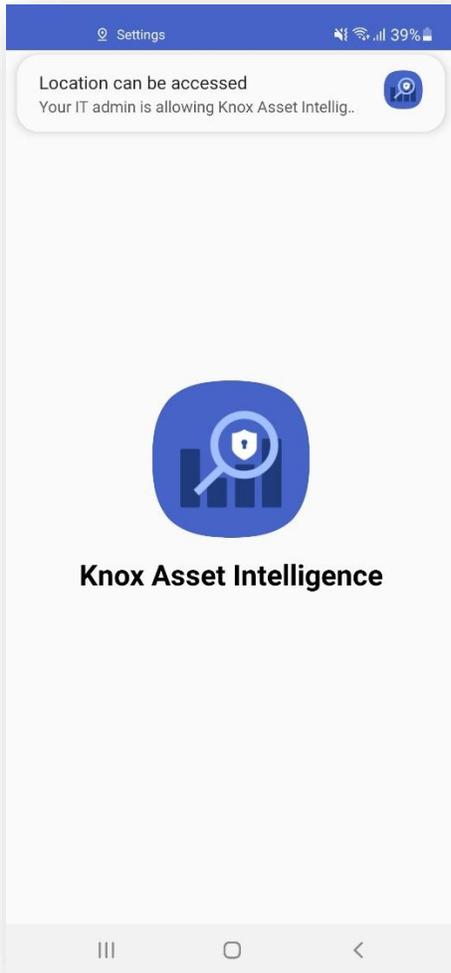


The screenshot shows the Samsung Knox Admin Portal interface. On the left is a dark sidebar with navigation options: Dashboard, Network, Apps, Battery, Devices, Licenses, Resellers, Administrators & Roles, Activity log, Device debug log, Knox Mobile Enrollment, Knox E-FOTA, Knox Configure, and Knox Manage. The main content area is titled 'Devices' and includes a search bar, a status filter (Active, Inactive), and a table of device information. The table has 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.

| 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 KAI app has been deployed with the Android Enterprise permission profile, the end user will see the below steps.



Document Information

This is version 1.1 of this document.

Thank you!

