

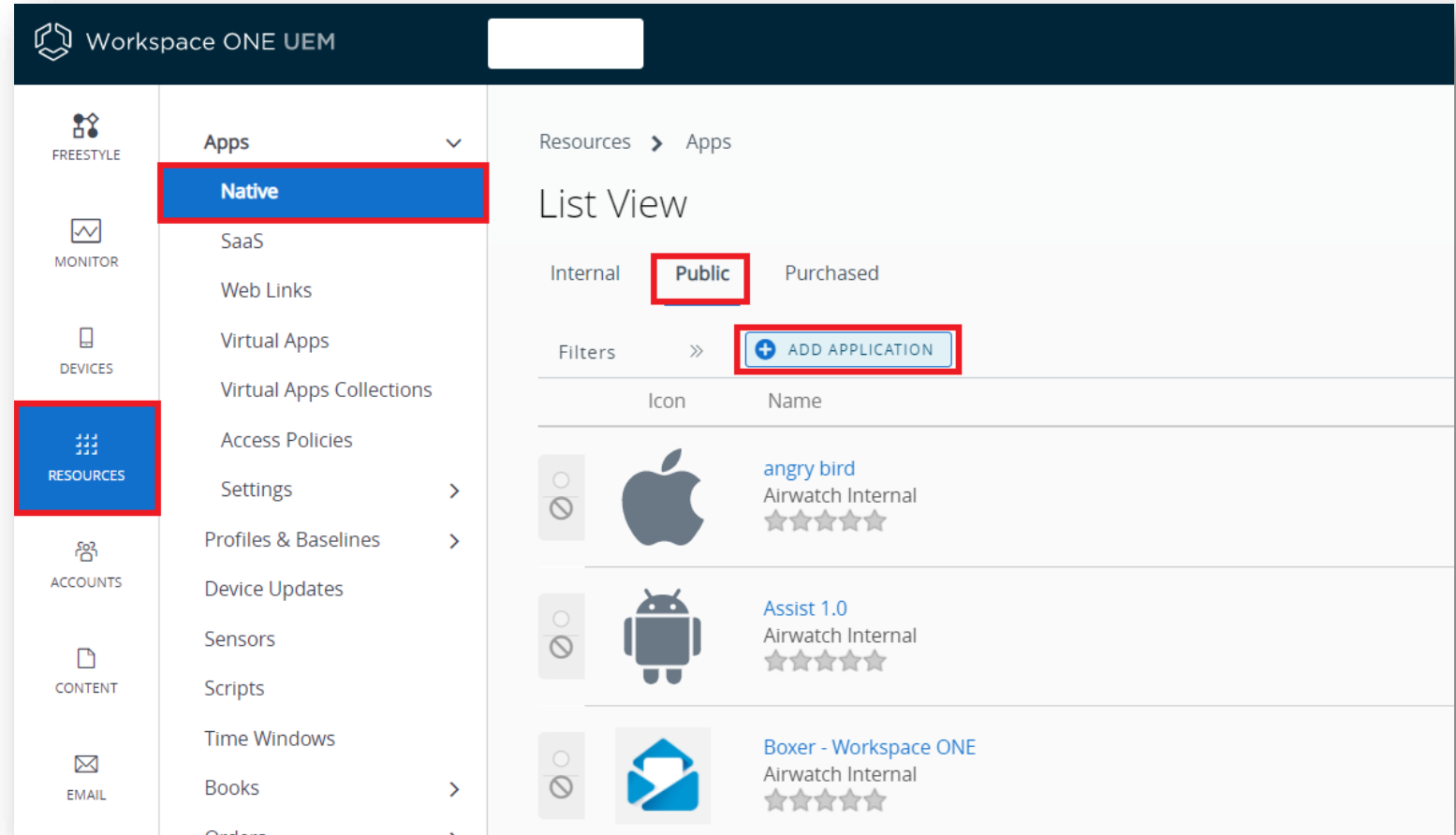
Knox Asset Intelligence (KAI) – Workspace ONE Auto Enroll

August 2021
Samsung R&D Centre UK
(SRUK)

1. Add the Knox Asset Intelligence app to Workspace ONE
2. Deploy the KAI agent to the devices
3. Create and assign an Android Enterprise app permission profile
4. Add and deploy the Knox Service Plugin
5. Add an App Configuration policy to the Knox Service Plugin app
6. Check the KAI console to see if devices have successfully enrolled

Add the Knox Asset Intelligence app to Workspace ONE

- Within the Workspace ONE console, select RESOURCES
- Select Native
- Select Public
- Select ADD APPLICATION



Add the Knox Asset Intelligence app to Workspace ONE

- For Platform, select Android
- For Source, select SEARCH APP STORE
- For Name, enter Knox Asset Intelligence
- Select NEXT
- Select Approve

Add Application

Managed By

Platform *

Android ▼

Source

SEARCH APP STORE

ENTER URL

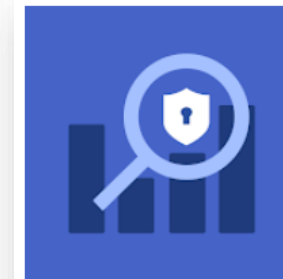
IMPORT FROM PLAY

Name *

Knox Asset Intelligence

NEXT

CANCEL



Knox Asset Intelligence

Samsung Electronics Co., Ltd.

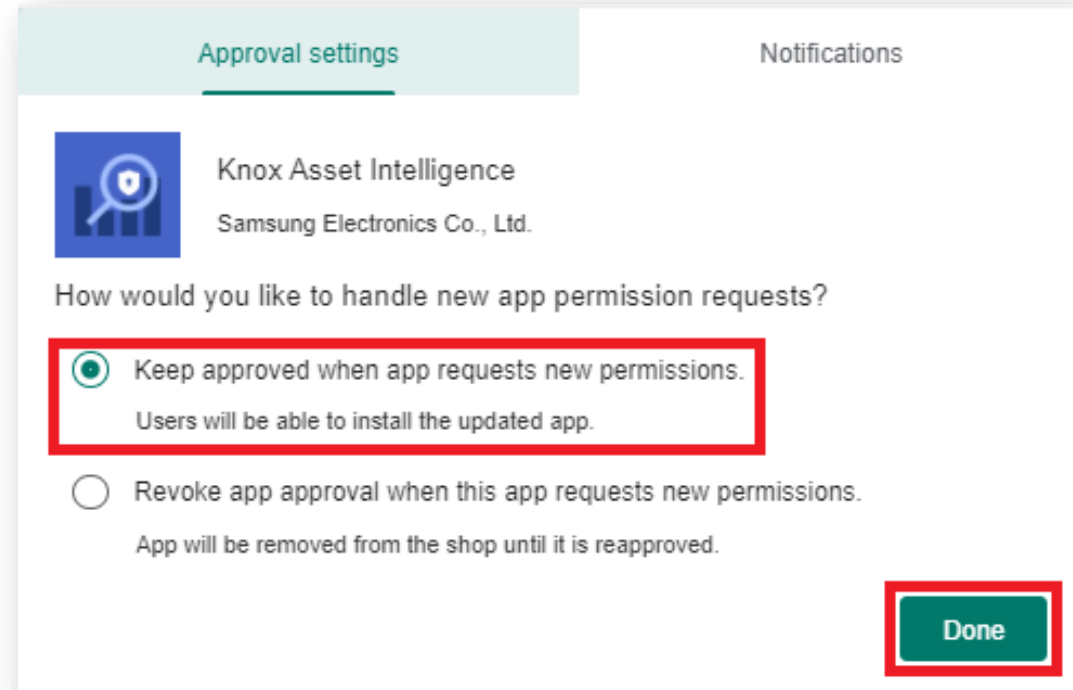
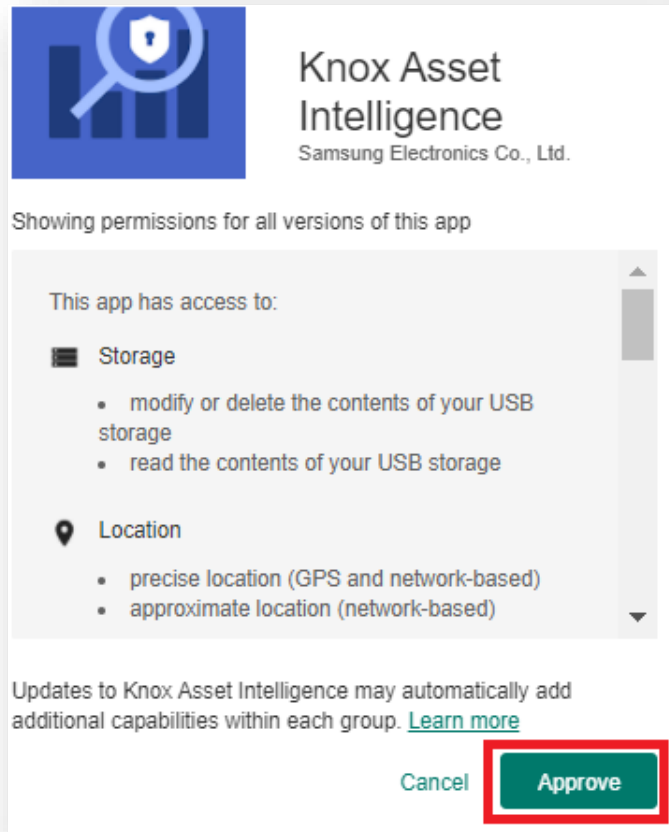
PEGI 3

This app is only available in certain countries

Approve

Add the Knox Asset Intelligence app to Workspace ONE

- Select Approve
- Select Keep approved when app requests new permissions
- Select Done



Add the Knox Asset Intelligence app to Workspace ONE

- Search for the Knox Asset Intelligence app
- Select the app
- Select ASSIGN
- Select ADD ASSIGNMENT

List View

Internal

Public

Purchased

Filters

>>

+

ADD APPLICATION

LAYOUT

▼

↺

EXPORT

▼


Knox Asset Intellig...

✍

ASSIGN

✕

DELETE

| Icon | Name |
|---|---|
|  | <div>Knox Asset Intelligence</div> <div>James King</div> <div>★★★★★</div> |

Knox Asset Intelligence - Assignment

Details

Platform : Android Status : Active

Assignments

Exclusions

Devices will receive application based on the configurations below. Devices with multiple assignments will receive policies in priority order. Adjusting the priority for a single assignment will automatically re-order the list. Adding a new assignment will create a new rule at the bottom of the list.

+

ADD ASSIGNMENT

| Priority | Assignment Name | Description | Smart Groups | App Delivery Method |
|--|--------------------------|-------------|--------------|---------------------|
| <div>⋮</div> <div>0</div> <div>▼</div> | KAI Default | | 1 | Auto |

Add the Knox Asset Intelligence app to Workspace ONE

- Enter a Name
- Enter an assignment group
- For App Delivery Method, select Auto
- Select CREATE
- Select SAVE
- Select PUBLISH

Distribution

Name *

KAI APP

Description

Assignment Description

Assignment Groups *

To whom do you want to assign this app?

App Delivery Method *

☒ Auto
 ☐ On Demand

Pre-release Version

None ▾

CANCEL

CREATE

Assignment Name

Description

KAI APP

Default

CANCEL

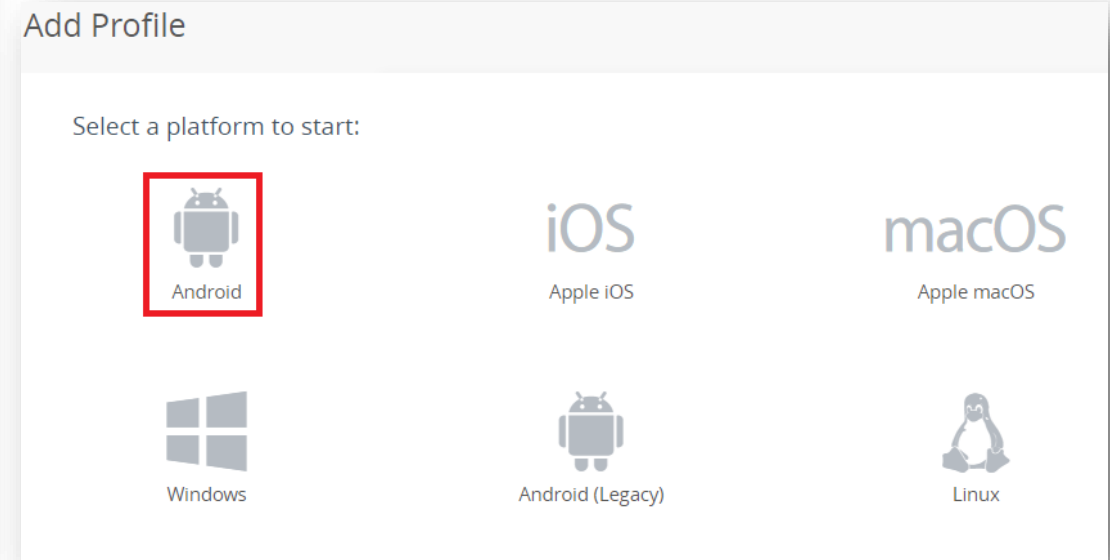
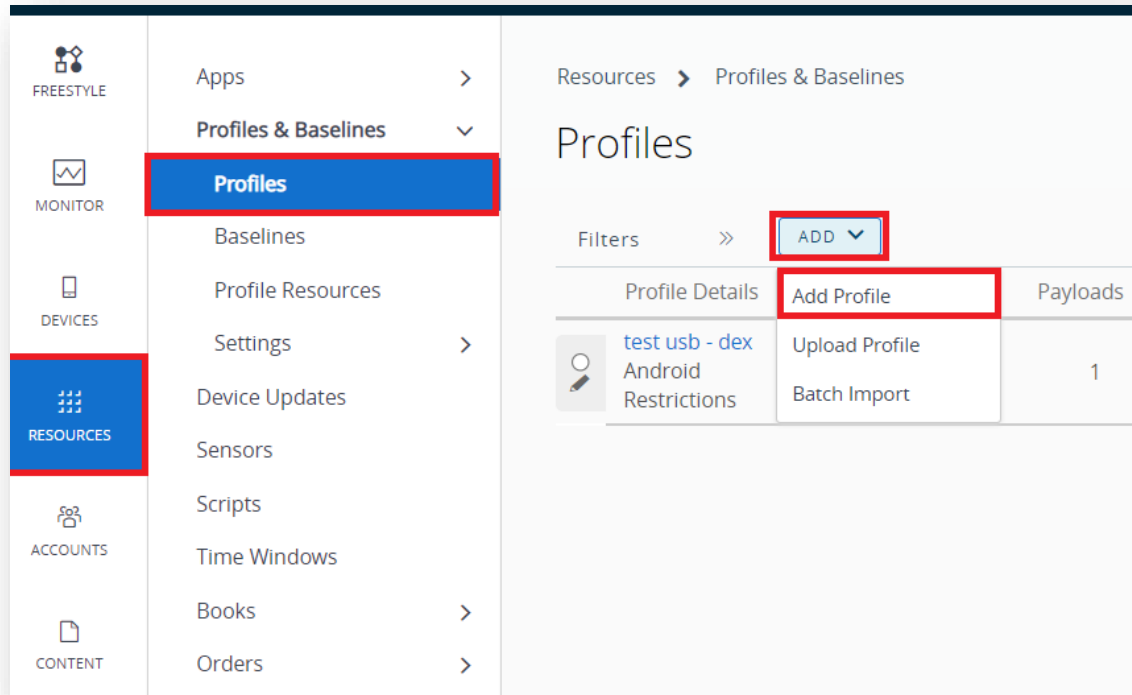
SAVE

CANCEL

PUBLISH

Add the Knox Asset Intelligence app to Workspace ONE

- Select RESOURCES
- Select Profiles
- Select ADD
- Select Add Profile
- Select Android



Add the Knox Asset Intelligence app to Workspace ONE

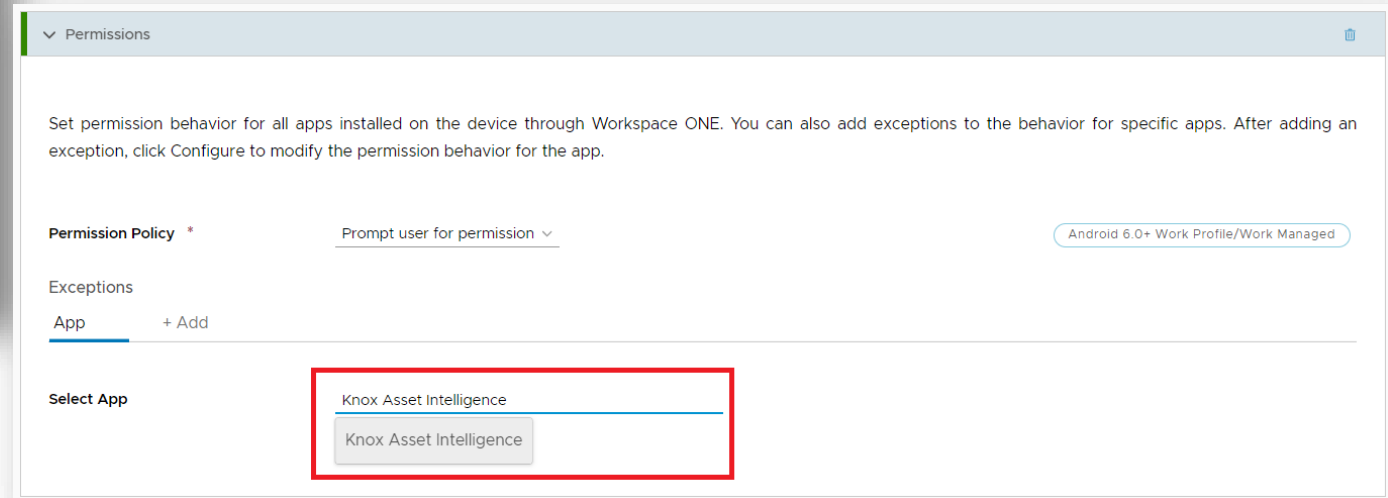
- Enter a Profile Name
- Next to Permissions, select ADD
- In the Select App field, type Knox Asset Intelligence
- Select Knox Asset Intelligence



KAI Permissions

Start typing to search for payloads

- > Enterprise Factory Reset Protection ADD
- > Exchange ActiveSync ADD
- > Launcher ADD
- > Lock Task Mode ADD
- > Passcode ADD
- > Permissions ADD
- > Proxy Settings ADD



Permissions

Set permission behavior for all apps installed on the device through Workspace ONE. You can also add exceptions to the behavior for specific apps. After adding an exception, click Configure to modify the permission behavior for the app.

Permission Policy * Prompt user for permission Android 6.0+ Work Profile/Work Managed

Exceptions + Add

Select App

Knox Asset Intelligence

Knox Asset Intelligence

Add the Knox Asset Intelligence app to Workspace ONE

- For each Permission in the list, select Grant permission
- Select NEXT
- Enter a Smart Group
- For Assignment Type, select Auto
- Select SAVE & PUBLISH

Exceptions

App + Add

Select App Knox Asset Intelligence

Permissions

| Description | Permission |
|--|------------------|
| approximate location (network-based) | Grant permission |
| precise location (GPS and network-based) | Grant permission |
| view network connections | Grant permission |

CANCEL

NEXT

Assignment

Smart Group

Allow Exclusion

Deployment

Assignment Type Auto

Allow Removal Never

Managed By *

Install Only Area

Schedule Install Time

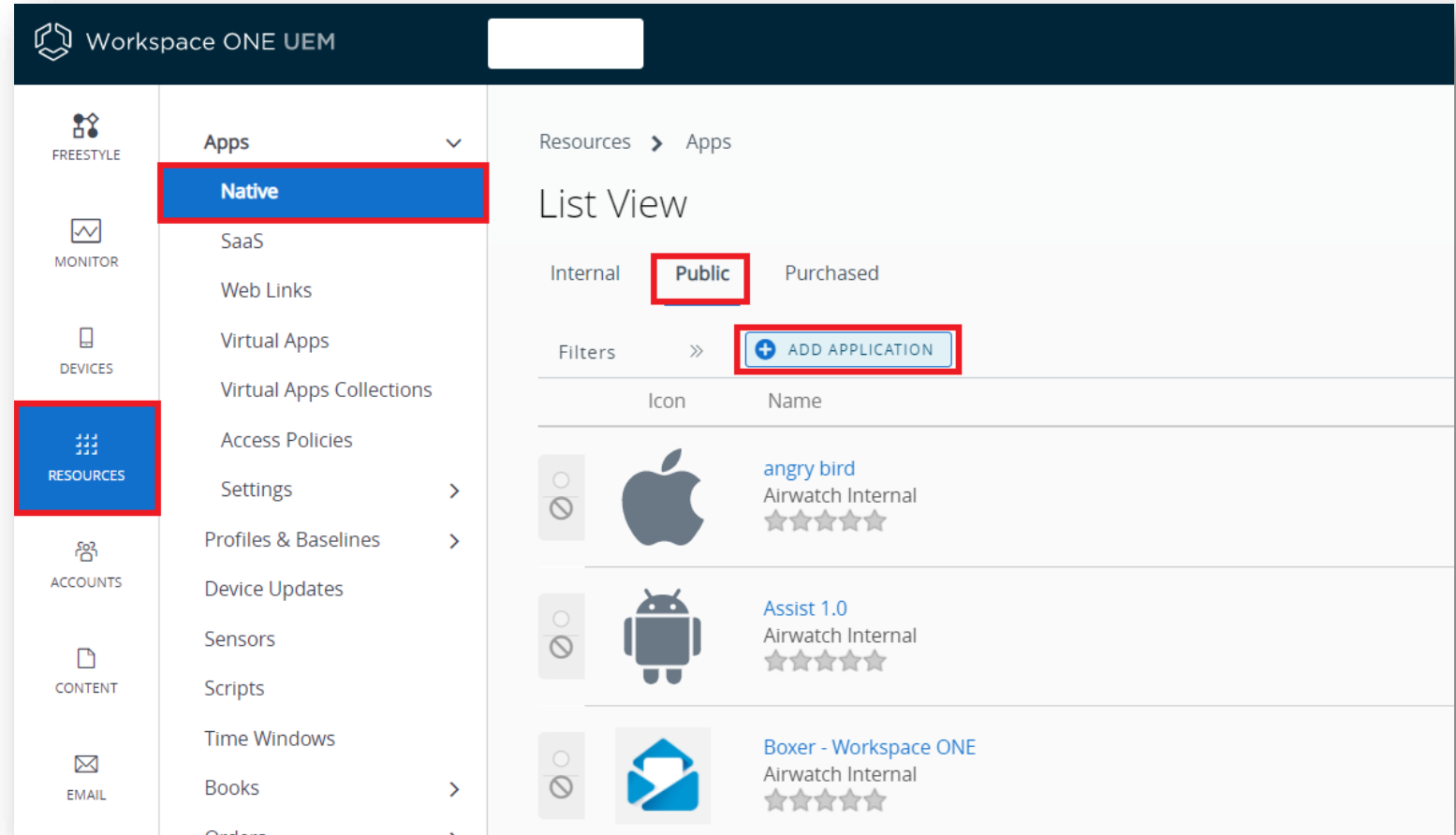
CANCEL

BACK

SAVE & PUBLISH

Add the Knox Service Plugin app to Workspace ONE

- Within the Workspace ONE console, select RESOURCES
- Select Native
- Select Public
- Select ADD APPLICATION



Add the Knox Service Plugin app to Workspace ONE


- For Platform, select Android
- For Name, type Knox Service Plugin
- Select NEXT
- Select Approve
- Select Approve

Managed By

Platform*

Source

Name*




Knox Service Plugin

Samsung Electronics Co., Ltd. ★★★★★ 257

PEGI 3

⬇ This app offers managed configuration
ⓘ This app is only available in certain countries



Knox Service Plugin

Samsung Electronics Co., Ltd.

Showing permissions for all versions of this app

This app has access to:


- Photos / Media / Files
 - read the contents of your USB storage
 - modify or delete the contents of your USB storage
- Storage
 - read the contents of your USB storage
 - modify or delete the contents of your USB storage

Updates to Knox Service Plugin may automatically add additional capabilities within each group. [Learn more](#)

Add the Knox Service Plugin app to Workspace ONE

- Select Keep approved when app requests new permissions
- Select Done
- Search for the Knox Service Plugin app
- Select the Knox Service Plugin
- Select ASSIGN

Approval settings
Notifications



Knox Service Plugin
Samsung Electronics Co., Ltd.

How would you like to handle new app permission requests?


☒ Keep approved when app requests new permissions.
Users will be able to install the updated app.

☐ Revoke app approval when this app requests new permissions.
App will be removed from the shop until it is reapproved.

Done

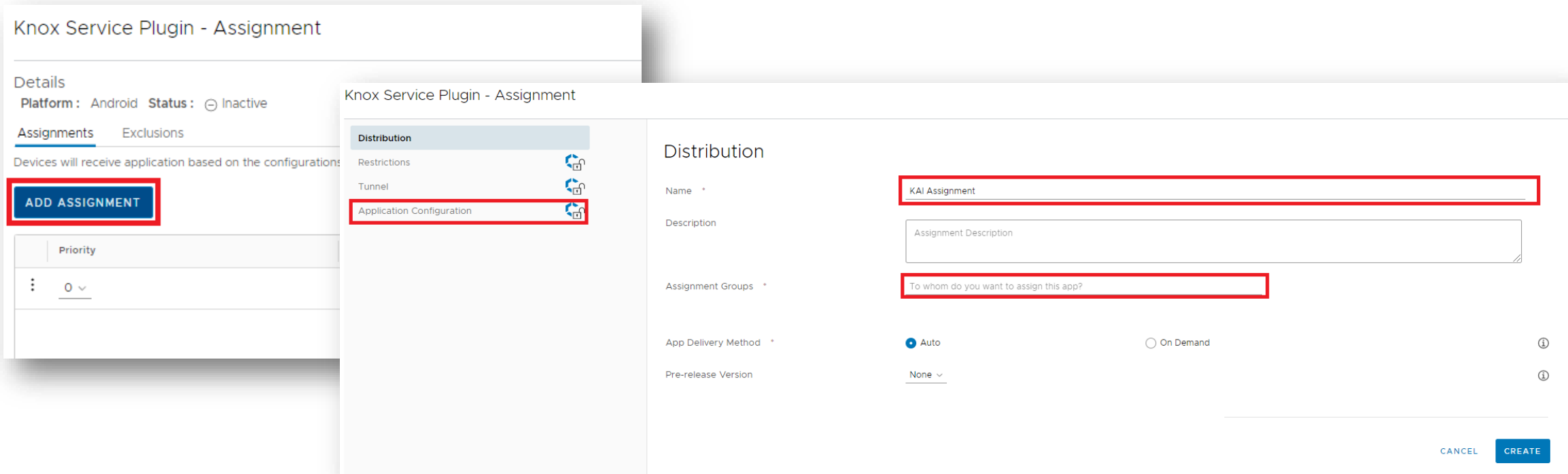
+ ADD APPLICATION
LAYOUT
EXPORT
Knox Service plugin

ASSIGN
DELETE

| Icon | Name | Platform | Install Status | Status |
|---|--|----------|----------------|--------|
|  | Knox Service Plugin James King ★★★★★ | Android | View | ⊖ |

Add the Knox Service Plugin app to Workspace ONE

- Select ADD ASSIGNMENT
- Enter a profile Name
- Enter an Assignment Group
- For App Delivery Method, select Auto
- Select Application Configuration



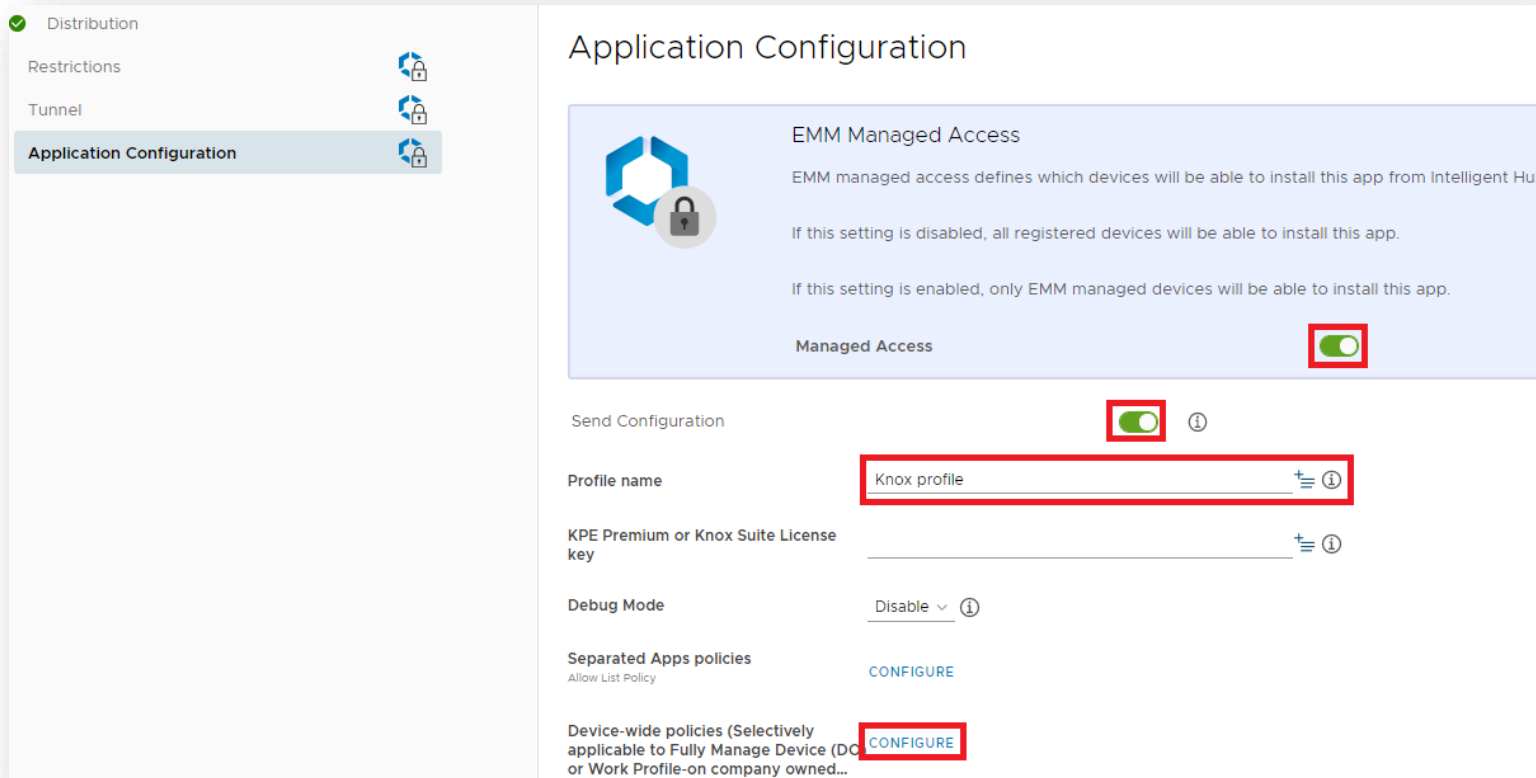
The screenshot displays the 'Knox Service Plugin - Assignment' interface. On the left, a sidebar shows the 'ADD ASSIGNMENT' button highlighted with a red box. The main area is divided into two panels. The left panel, titled 'Distribution', lists 'Restrictions', 'Tunnel', and 'Application Configuration', with 'Application Configuration' highlighted by a red box. The right panel, also titled 'Distribution', contains the following fields:

- Name ***: A text input field containing 'KAI Assignment', highlighted with a red box.
- Description**: A text area labeled 'Assignment Description'.
- Assignment Groups ***: A text input field containing 'To whom do you want to assign this app?', highlighted with a red box.
- App Delivery Method ***: Radio buttons for 'Auto' (selected) and 'On Demand'.
- Pre-release Version**: A dropdown menu set to 'None'.

At the bottom right, there are 'CANCEL' and 'CREATE' buttons.

Add the Knox Service Plugin app to Workspace ONE

- Turn on Managed Access
- Turn on Send Configuration
- Enter a Profile name
- Select CONFIGURE next to Device-wide policies



Application Configuration

EMM Managed Access

EMM managed access defines which devices will be able to install this app from Intelligent Hub.

If this setting is disabled, all registered devices will be able to install this app.

If this setting is enabled, only EMM managed devices will be able to install this app.

Managed Access ☒

Send Configuration ☒ ⓘ

Profile name ⓘ

KPE Premium or Knox Suite License key ⓘ

Debug Mode ⓘ

Separated Apps policies
Allow List Policy [CONFIGURE](#)

Device-wide policies (Selectively applicable to Fully Manage Device (DC) or Work Profile-on company owned... [CONFIGURE](#)

Add an App Configuration policy to the Knox Service Plugin app

- Select App update controls
- For Package Name for Auto-Launch, enter: com.samsung.android.knox.dai
- Select CREATE

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

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

< APPLICATION CONFIGURATION

> App update controls

Allow USB Devices for default access by Application (Configure profiles below) Disable ⓘ

Application Allowlist by Pkg Name ⓘ

Application Blocklist by Pkg Name ⓘ

Application Allowlist by Signature used ⓘ

Application Blocklist by Signature used ⓘ

Disable Application without user interaction ⓘ

Force Stop Blocklist ⓘ

Widget Allowed List ⓘ

Widget Blocked List ⓘ

Package Name for Auto-Launch com.samsung.android.knox.dai ⓘ

> Device Admin allowlisting

CANCEL

CREATE

Add an App Configuration policy to the Knox Service Plugin app

- Select SAVE
- Select PUBLISH

Knox Service Plugin - Assignment

Details
Platform: Android Status: Active

Assignments Exclusions

Devices will receive application based on the configurations below. Devices with multiple assignments will receive policies in priority order. Adjusting the priority

ADD ASSIGNMENT

| Priority | Assignment Name |
|----------|-------------------------------------|
| 0 | KAI Assignment Default |

CANCEL **SAVE**

large number of devices. These thresholds can be managed in All Settings > Apps > Workspace ONE > [App Removal Log](#).
number of devices receiving the app removal triggers reaches the configured threshold. Your team will be notified via email when this occurs.

| Friendly Name | User |
|---------------|------|
|---------------|------|

CANCEL **PUBLISH**

Check the devices have enrolled

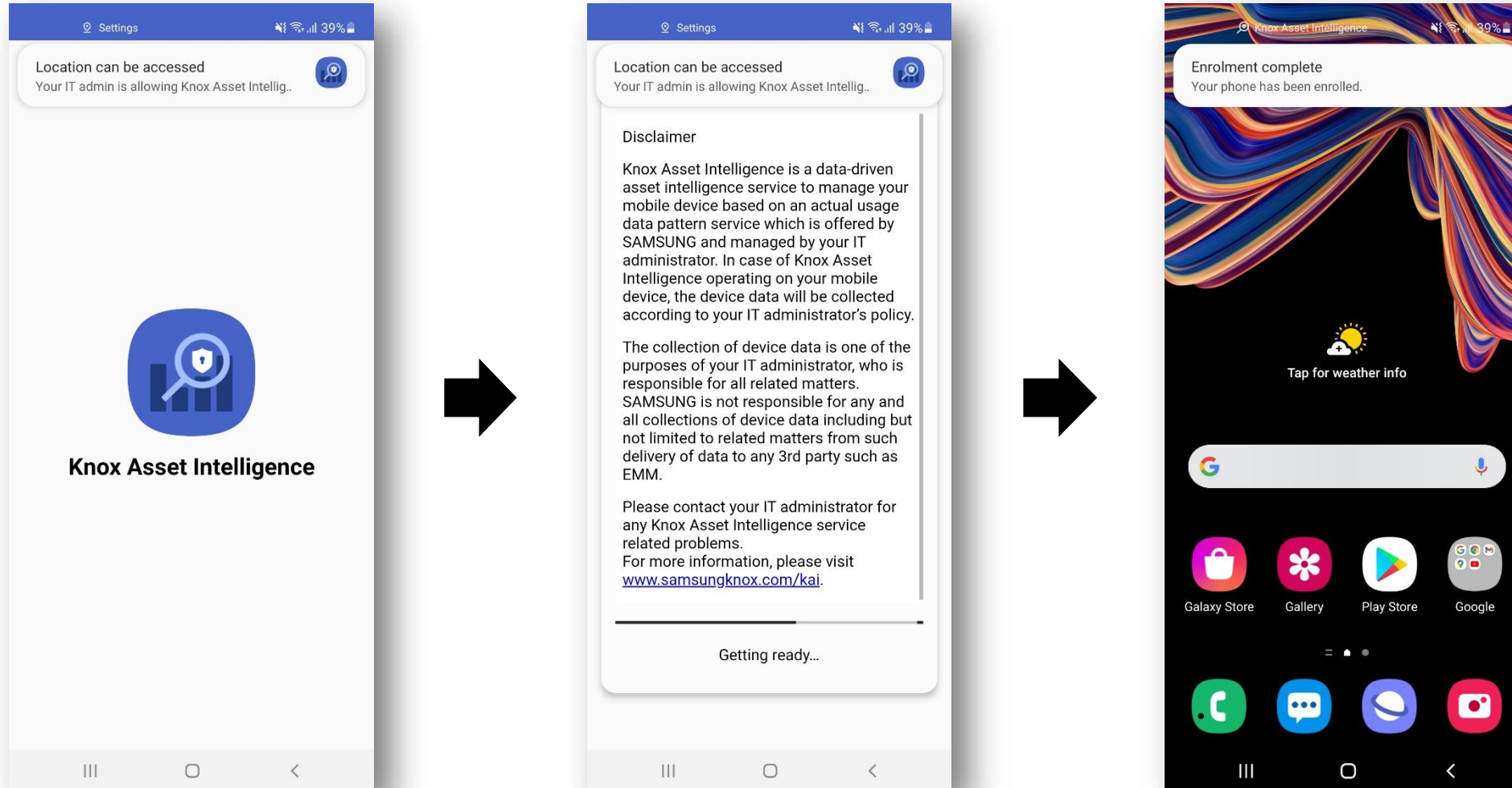
- Open Knox Asset Intelligence
- Select the Devices tab
- Check the Status of the devices are now marked as Enrolled

The screenshot displays the Samsung Knox Admin Portal interface. On the left, a dark sidebar contains the 'SAMSUNG Knox Admin Portal' header and a list of navigation items: 'Knox Asset Intelligence' (highlighted with a green square), 'Dashboard', 'Devices' (highlighted with a red rectangle), 'Licenses', 'Resellers', 'Administrators & Roles', 'Activity Log', 'Device Debug Log', 'Knox Mobile Enrollment' (highlighted with a red square), 'Knox Configure' (highlighted with a pink square), and 'Knox Manage' (highlighted with a yellow square). The main content area is titled 'Devices' and includes a sub-header 'To enroll your devices, install Knox Asset Intelligence app from Google Play Store, Knox Service Plugin, EMM policy or [download here](#). ⓘ'. Below this, there are tabs for 'DEVICES (1)', 'UPLOADS (1)', and 'BULK ACTIONS', with 'DEVICES (1)' selected. A search bar is present. A table lists the enrolled devices with columns: 'DEVICE ID', 'MODEL', 'STATUS', 'OS VERSION', and 'FIRMWARE VERSION'. One device is listed with ID '352032112586570', model 'SM-G715FN/DS', status 'Enrolled' (highlighted with a red rectangle), OS version 'Android 11', and firmware version 'G715FNXXU8BUB8'.

| DEVICE ID | MODEL | STATUS | OS VERSION | FIRMWARE VERSION |
|---------------------------------|--------------|----------|------------|------------------|
| 352032112586570 | SM-G715FN/DS | Enrolled | Android 11 | G715FNXXU8BUB8 |

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 1.0 of this document.

Thank you!

