



Optimal Biz Android Enterprise Application Distribution Procedure Manual

Last update date October 16, 2022
(Website ver.9.13.1)
OPTiM Corporation

Getting Started

Objective of this manual






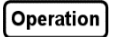

This manual describes the procedures for installing apps on a device or updating installed apps by using "App Distribution" of Android Enterprise.

Before reading this manual

Before reading this manual, check the information below.

◆ About the symbol ·mark

The following marks and symbols are used in this manual.

Symbols / Mark	Description
□	Represents menu name, button name, and link name.
" "	Represents the name you want to emphasize, such as tab name, function name, item name, reference destination in the manual.
< >	Represents the manual name or the document name.
⇒	Represents the result of the operation.
	Represents the manual or document to be referenced.
	Represents the reference in the manual and the link to the website.
	Explains what to watch out for.
	Explains points of handling and operation and what is convenient to know.
	In the explanation of the screen, describes the menu operation for displaying the corresponding screen. Ex)  [Settings]→[Android]→[Applications]→[Android Enterprise]→ [Application Distribution]→ 

◆ About the screen

- The version notation on the screen may differ from the actual one.
- Some screens and operations may differ depending on the OS version of Windows and the browser to be used. In this manual, we explain using the screen displayed in Google Chrome.

About website URL

URLs of websites other than our company described in the manual are subject to change without notice.

About trademark

Company names and product names mentioned are trademarks and registered trademarks of each company.

Table of contents

1 Using Application Distribution.....	4
2 Installing Apps	5
2.1 Flow of application distribution	6
2.1.1 Linking a user with an organization	7
2.2 Force installing apps	9
2.2.1 Creating an app individual setting.....	9
2.2.2 Creating an app distribution setting	14
2.2.3 Allocating an app distribution setting to an organization (a user).....	16
2.2.4 Allocating a user to the device	18
2.3 Installing original apps.....	21
2.3.1 Creating an app individual setting.....	22
2.3.2 Creating an app distribution setting	27
2.3.3 Allocating an app distribution setting to an organization (a user).....	29
2.3.4 Allocating a user to the device	31
2.4 Installing a web app (shortcut).....	34
2.4.1 Creating an app individual setting.....	34
2.4.2 Creating an app distribution setting	39
2.4.3 Allocating an app distribution setting to an organization (a user).....	41
2.4.4 Allocating a user to the device	43
2.5 Installing apps using App Configuration	46
2.5.1 Creating an app individual setting.....	46
2.5.2 Creating an app distribution setting	53
2.5.3 Allocating an app distribution setting to an organization (a user).....	55
2.5.4 Allocating a user to the device	57
2.6 Allowing all apps to be installed	60
2.6.1 Creating an app distribution setting	60
2.6.2 Allocating an app distribution setting to an organization (a user).....	62
2.6.3 Allocating a user to the device	64
2.7 Allowing installation of only apps approved by the administrator	67
2.7.1 Creating an app distribution setting	67
2.7.2 Allocating an app distribution setting to an organization (a user).....	72
2.7.3 Allocating a user to the device	74
3 Updating Apps	77
3.1 Automatically updating installed apps	78
3.2 Automatically updating installed apps (for apps installed before using application distribution).....	78
3.3 Automatically updating pre-installed apps	79
4 Others	80
4.1 Precautions	81
4.2 If you are unable to install/update	82

1 Using Application Distribution


To use the "App Distribution" of Android Enterprise, this product must be integrated with Google. You can check if the integration setting is complete in the following screen.

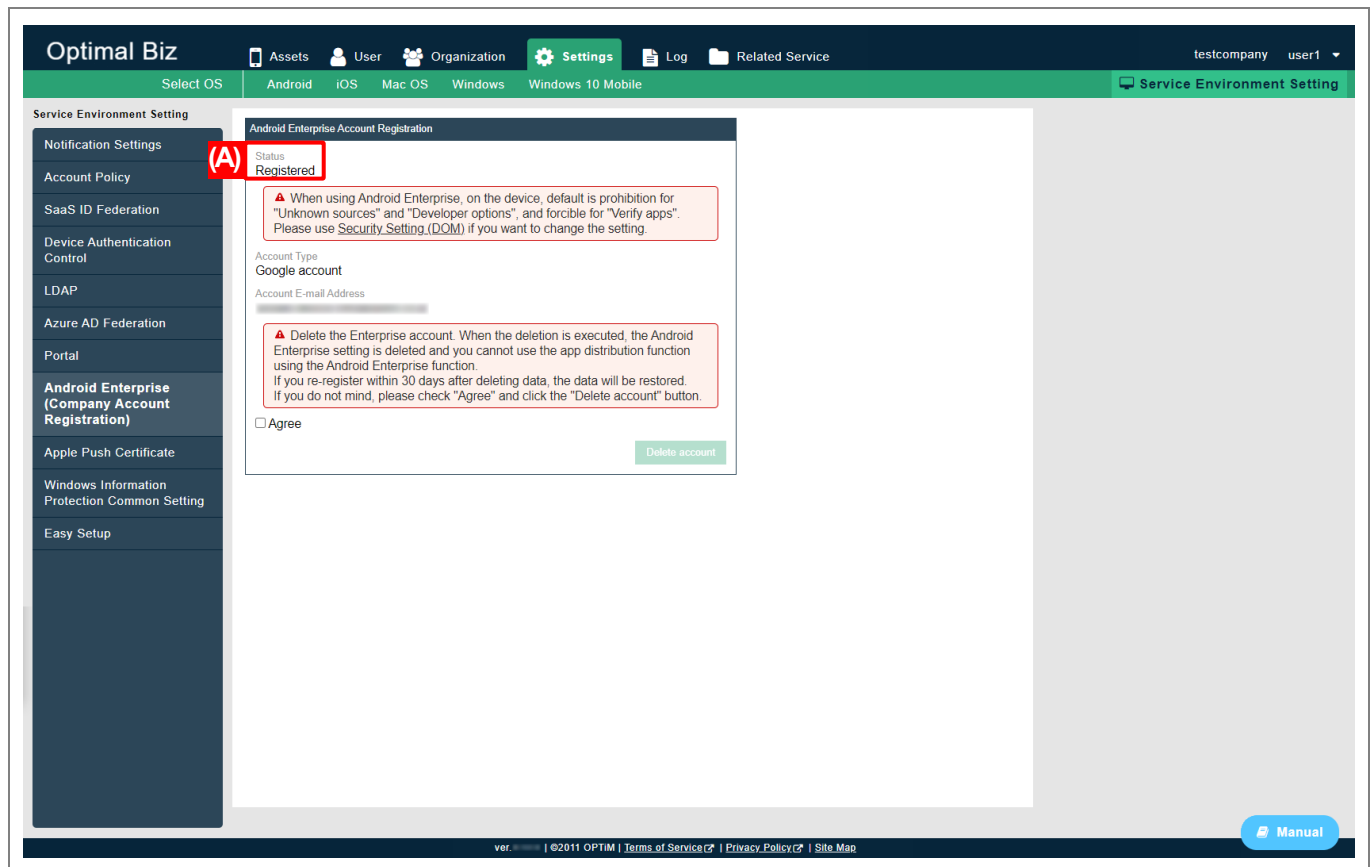
Operation [Settings]→[Service Environment Setting]→[Android Enterprise (Company Account Registration)]

If the integration setting with Google is complete, the "Status" (A) shows "Registered".

✚ If the "Status" (A) is not "Registered", refer to the following and perform the integration settings.

✎ Setting steps depend on the integration method between the management site and Google. Check the integration methods before performing integration settings. For details, refer to the following.

 <Android Kitting Manual> – "Selecting kitting methods"



2 Installing Apps

This chapter describes the following items.

Item	Page
Flow of application distribution	6
Creating an app individual setting	9
Installing original apps	20
Installing a web app (shortcut)	34
Installing apps using App Configuration	46
Allowing all apps to be installed	60
Allowing installation of only apps approved by the administrator	67





Attention

- In Android Enterprise, paid apps cannot be installed.
 - In Android Enterprise, additional function cannot be purchased even if you install the “in-app purchase” application.
-


2.1 Flow of application distribution

In "App Distribution" of Android Enterprise, apps are installed as follows.

 If you allocate an application distribution setting to an organization, a user must be linked with the target organization in advance. For details, refer to the following.

 "Linking a user with an organization"

1. From "Individual App", create a configuration set that registers apps to be installed (App Individual Setting).


 If you want to allow all apps or only approved apps to be installed, you do not need to perform this step.

2. From "App Distribution", create a configuration set that combines app individual settings (App Distribution Settings).

3. Allocate the app distribution setting to an organization (a user).

4. Allocate a user to the device to which apps will be installed, and perform a sync.

5. Install apps from the Play Store of the device.

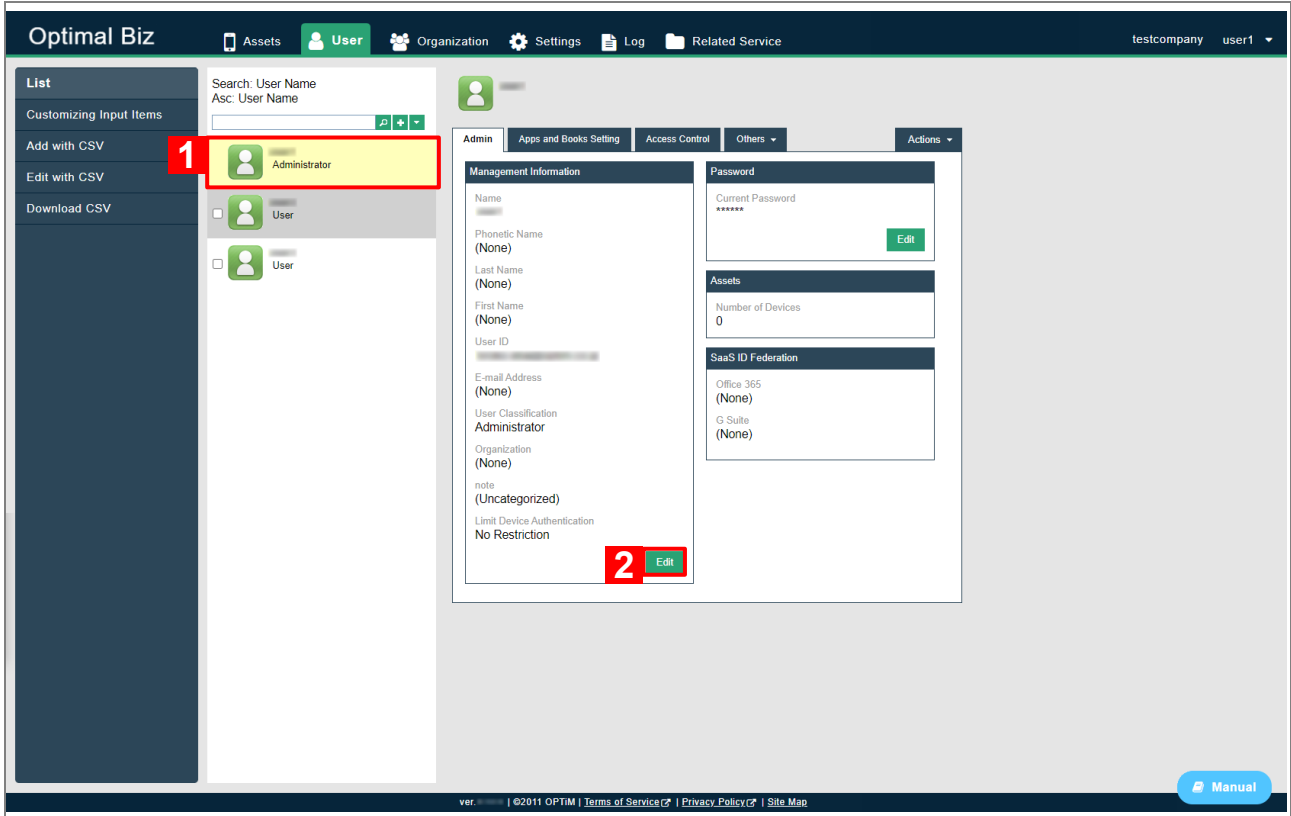
 If you want to force-install apps to the device, this step is not required.

2.1.1 Linking a user with an organization

If you allocate an application distribution setting to an organization, a user must be linked with the organization in advance.

 This step is not necessary if you allocate an app distribution setting to a user.

- [1]** Go to [User]→[List], and select a target user from the list.
- [2]** Click [Edit].



The screenshot shows the Optimal Biz user management interface. The top navigation bar includes 'Assets', 'User', 'Organization', 'Settings', 'Log', and 'Related Service'. The 'User' tab is active. On the left sidebar, the 'List' button is highlighted with a red box and the number '1'. The main content area shows a list of users, with the 'Administrator' user selected and highlighted by a red box. To the right of the list, the 'Edit' button for the selected user is highlighted with a red box and the number '2'.

Optimal Biz Assets User Organization Settings Log Related Service testcompany user1

List

Customizing Input Items

Add with CSV

Edit with CSV

Download CSV

Search: User Name
Asc: User Name

Administrator

User

User

Admin Apps and Books Setting Access Control Others Actions

Management Information

Name

Phonetic Name (None)

Last Name (None)

First Name (None)

User ID

E-mail Address (None)

User Classification Administrator

Organization (None)

note (Uncategorized)

Limit Device Authentication No Restriction

Password

Current Password *****

Edit

Assets

Number of Devices 0

SaaS ID Federation

Office 365 (None)

G Suite (None)

Manual

ver. 1.0.0 | ©2011 OPTIM | Terms of Service | Privacy Policy | Site Map

[3] From the Organization pull-down menu, specify an organization you want to link the user with.

[4] Click [Save].

⇒ This will link the user with the organization.

The screenshot shows a user management interface with the following sections:

- Management Information - Editing:**
 - Name: [Text Field]
 - Phonetic Name: [Text Field]
 - Last Name: [Text Field]
 - First Name: [Text Field]
 - User ID: [Text Field]
 - E-mail Address: [Text Field]
 - User Classification:
 - ☐ Administrator (All operations are permitted)
 - ☐ Operator
 - ☒ Reader (Unable to edit)
 - ☐ Lock/Wipe only
 - ☐ Login only (Select permissions)
 - ☐ User (Unable to log in)
 - Organization: [Dropdown Menu] (Highlighted with red box and '3')
 - note: (Uncategorized) [Dropdown Menu]
 - Device Authentication Limit:
 - ☒ No Restriction
 - ☐ Restricted [Text Field] devices
 - ☐ Prohibit authentication
- Password:**
 - Current Password: [Text Field]
 - [Edit Button]
- Assets:**
 - Number of Devices: 0
- SaaS ID Federation:**
 - Office 365: (None)
 - G Suite: (None)

At the bottom right, there are two buttons: [Cancel] and [Save] (Highlighted with red box and '4').

2.2 Force installing apps

To force install an app (silent installation) on a device within "App Distribution", carry out the following steps.

- ✎ If the account registered in the integration settings between Optimal Biz and Google is a Google Workspace (formerly known as G Suite) account, a forced (silent) installation may not work.

In that case, you must accept the terms of use of managed Google Play store. Log in to Google as an administrator of Google Workspace (formerly G Suite) from the following URL, and accept the terms of use.


👉 <https://play.google.com/work/termservice>

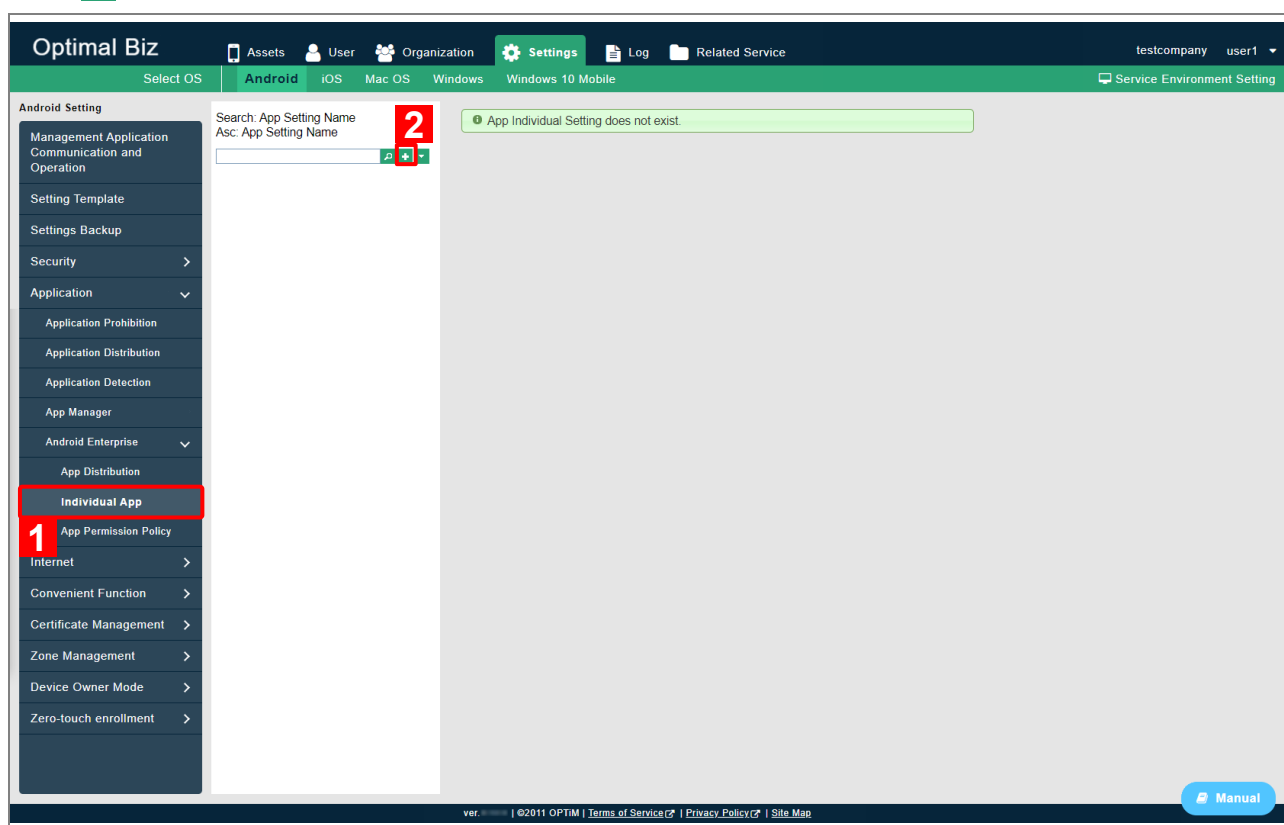
- ✎ Note that screens on Google are subject to change without prior notice.

2.2.1 Creating an app individual setting

From "Individual App", create a configuration set that registers apps to be installed (App Individual Setting).

- ✎ You cannot set more than one app to one configuration set.

- [1] Click [Settings]→[Android]→[Application]→[Android Enterprise]→[Individual App].**
- [2] Click .**



[3] Enter an arbitrary name in "App Setting Name".

[4] Click [Select App].

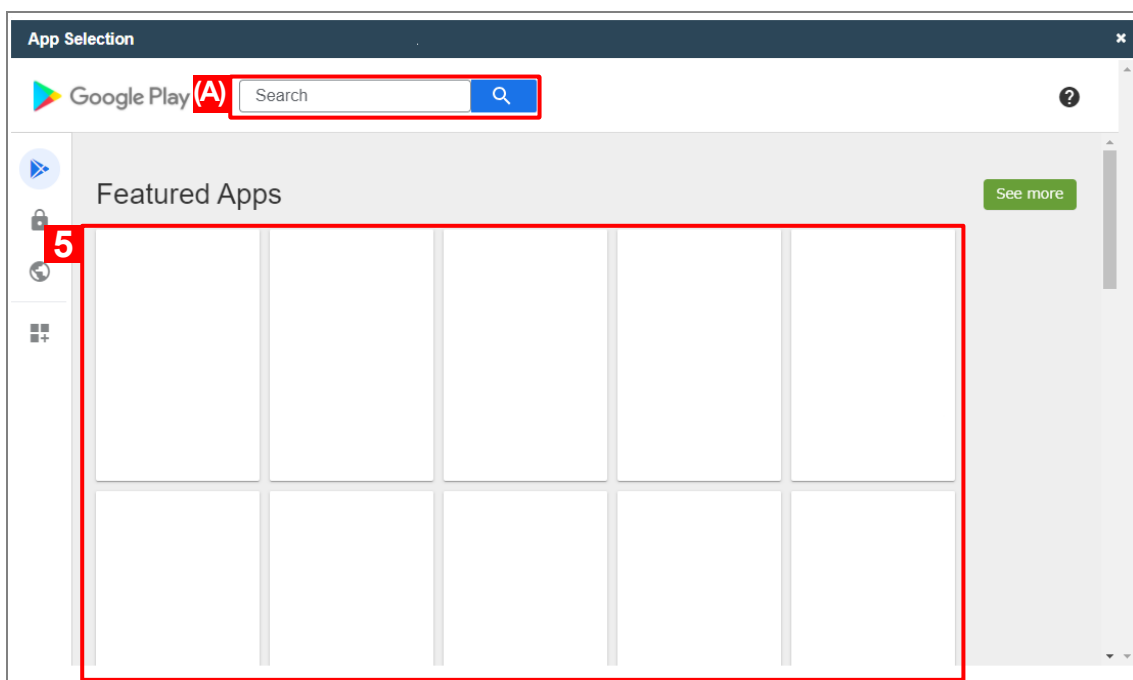
⇒ The "App Selection" screen of the managed Google Play store is displayed.



[5] Click an app you want to force install.

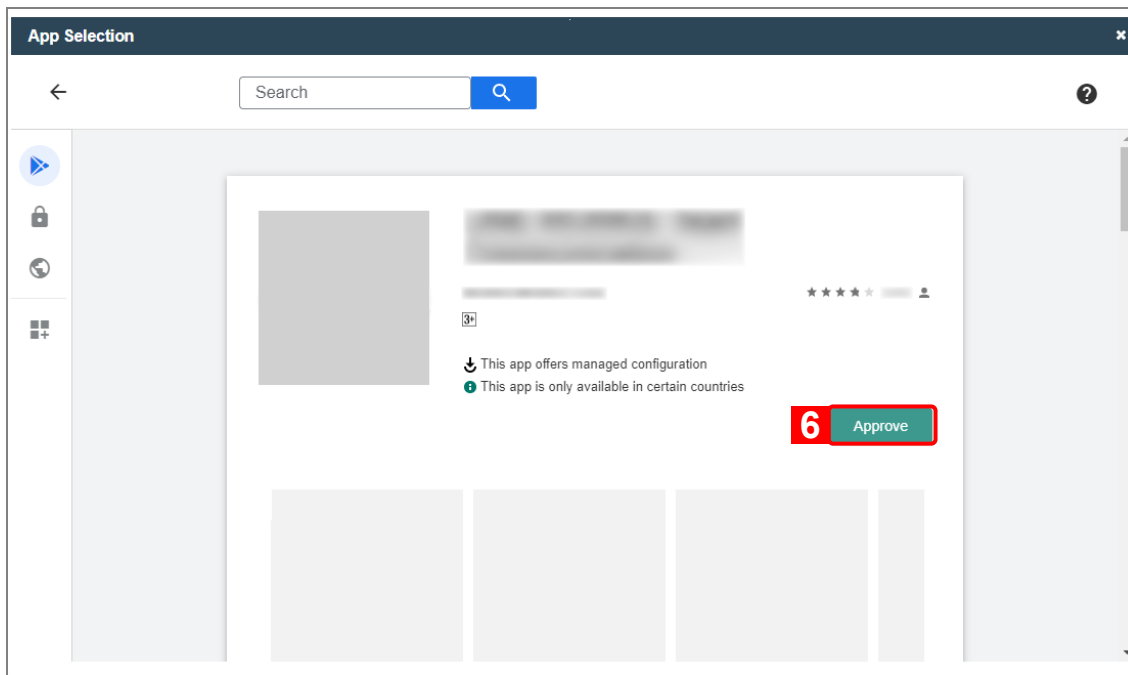
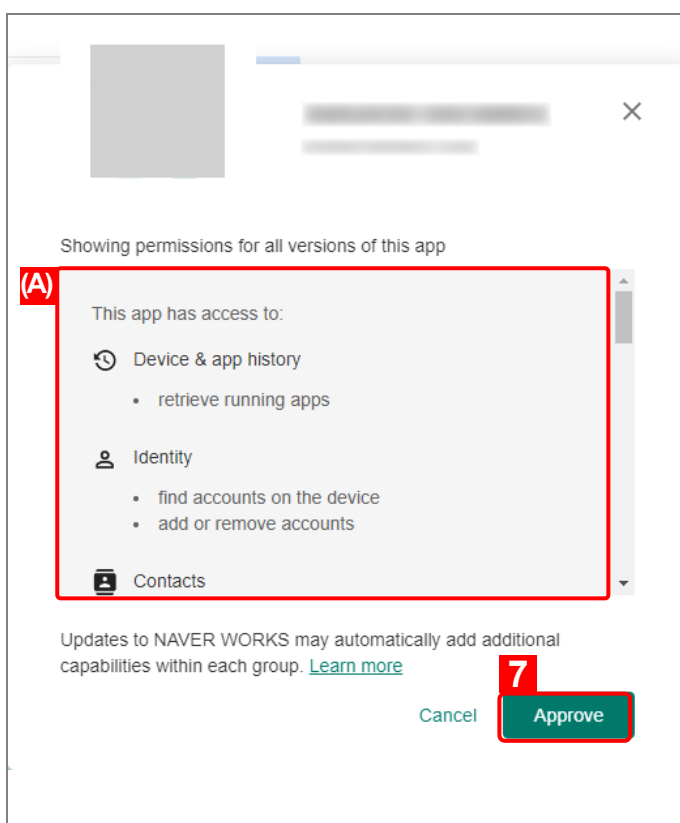
☑ If you do not see the app, search for it from "Search" (A).

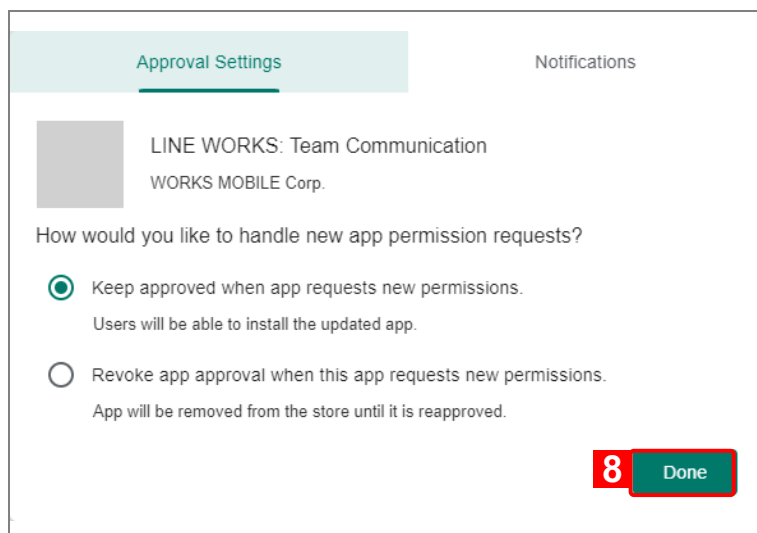
☑ If you want to automatically update an app that is installed or pre-installed on your device, click the app on this screen.



[6] Click [Approve].

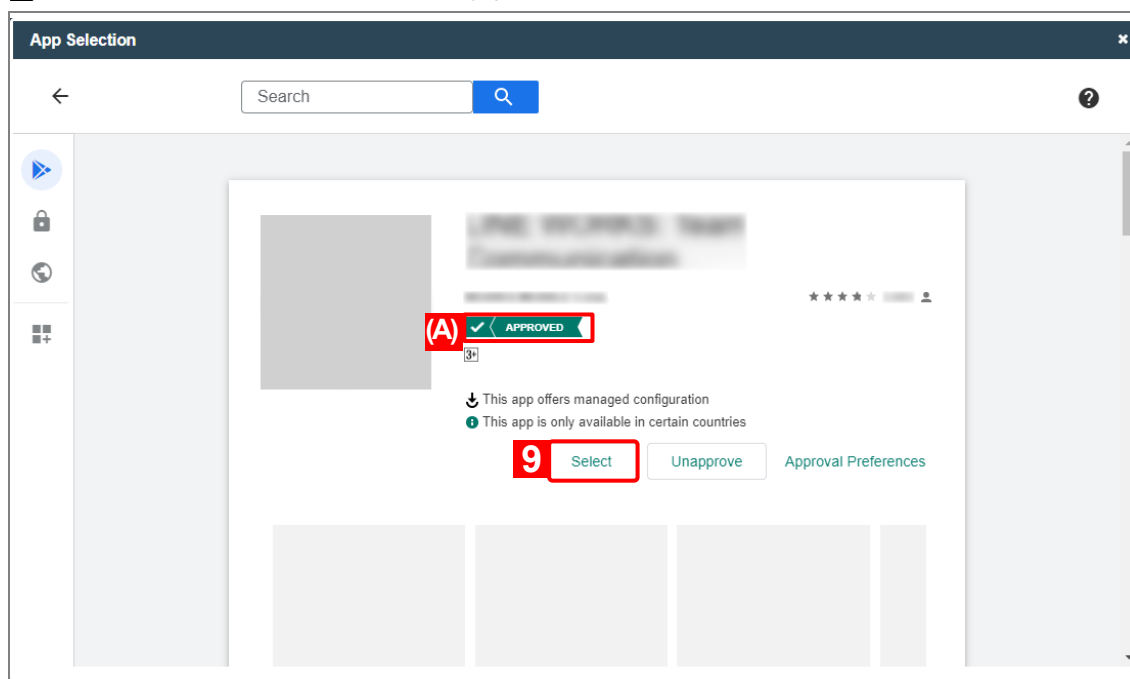
✎ If the app has already been approved, [Approve] will not appear. Continue with step **[9]**.

**[7] Check permissions (A), and click [Approve].**

[8] Click [Done].**[9] Click [Select].**

⇒ The "App Selection" screen of the managed Google Play store will close.

☑ An approved app shows the mark (A).




[10] Click [Save].

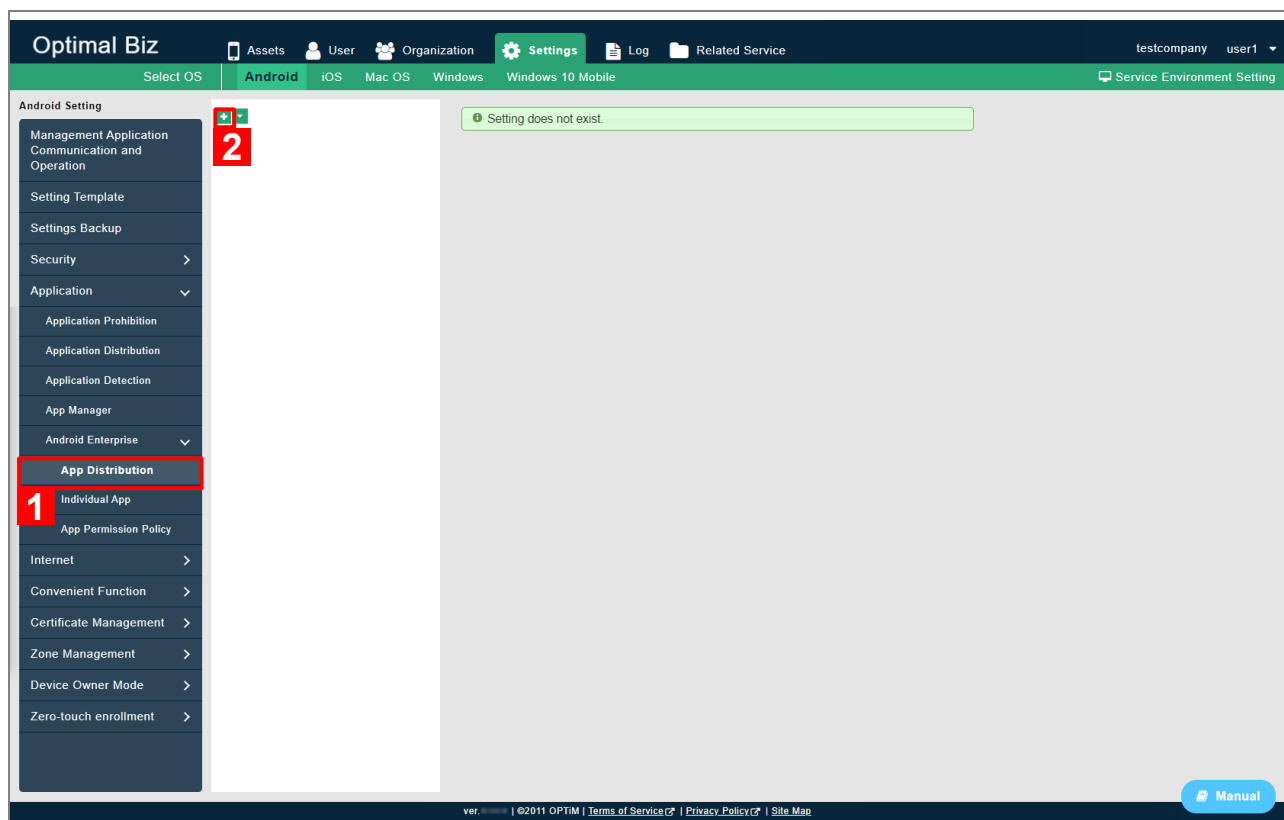
☑ Selected App (A) shows the package name of the app.


⇒ An app individual setting is created (B).

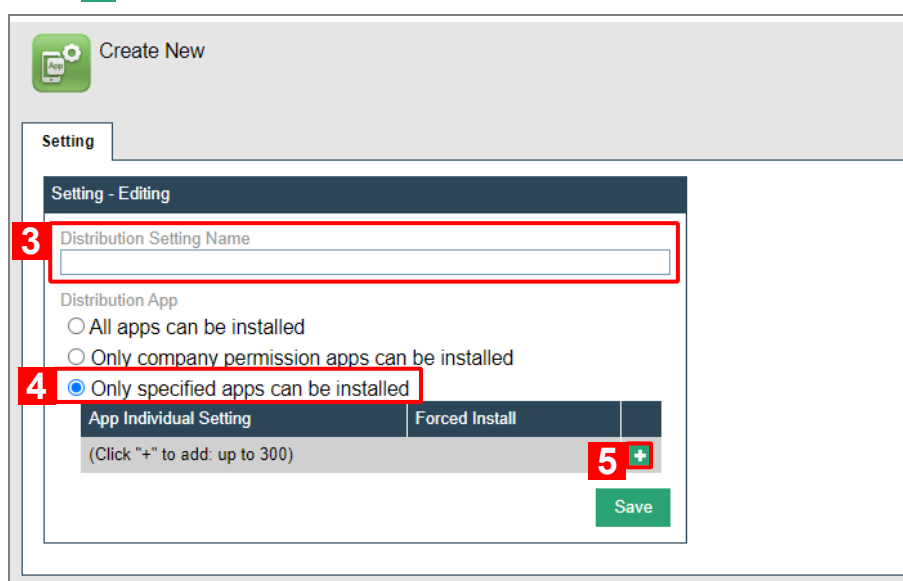
2.2.2 Creating an app distribution setting

From "App Distribution", create a configuration set that combines app individual settings (App Distribution Settings) using the following steps.

- [1]** Click [Settings]→[Android]→[Application]→[Android Enterprise]→[App Distribution].
- [2]** Click .



- [3]** Enter an arbitrary name in "Distribution Setting Name".
- [4]** Select "Only specified apps can be installed".
- [5]** Click .




- [6]** From the pull-down menu of "App Individual Setting", specify the app setting name you set in step **[3]** of "Creating an app individual setting".
- [7]** Select "Execute" of "Forced Install".
- [8]** Click [Save].

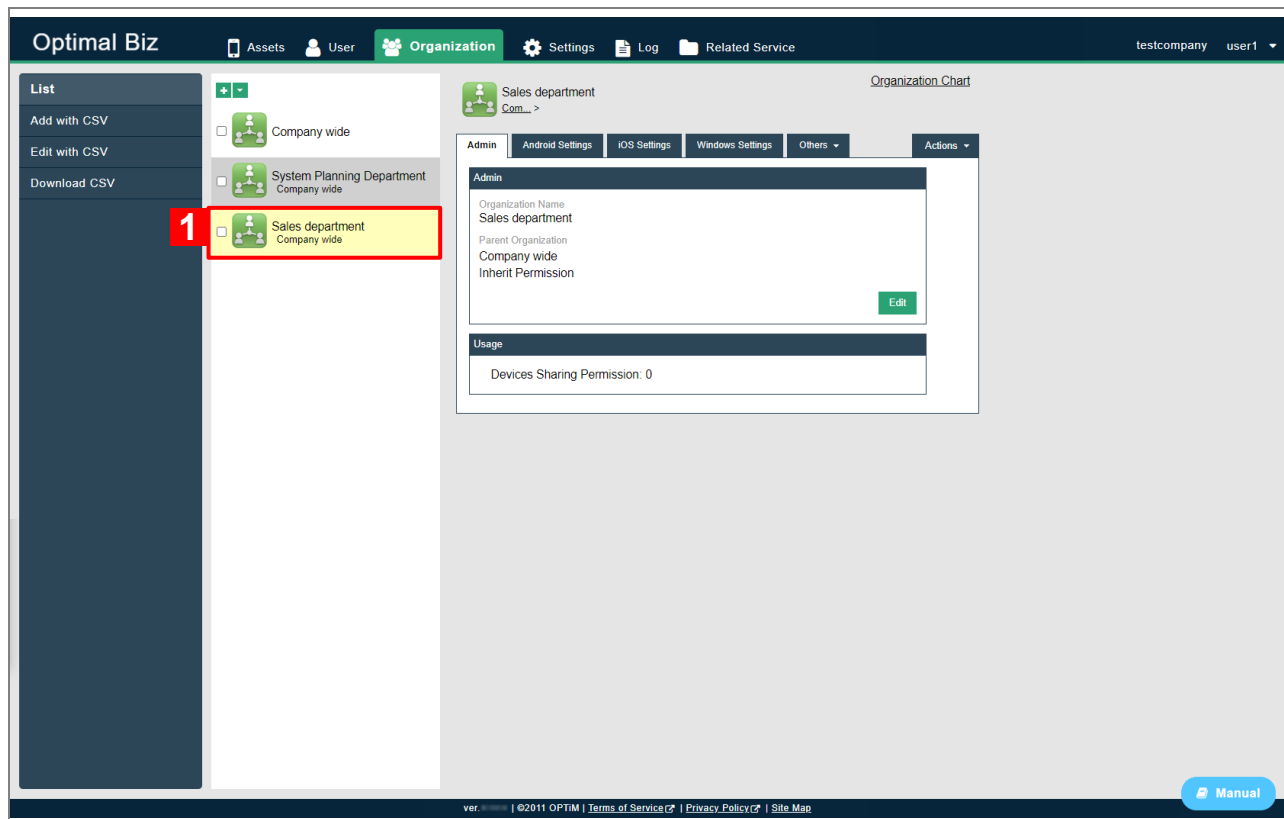
⇒ An app distribution setting is created (A).

2.2.3 Allocating an app distribution setting to an organization (a user).


Use the following procedure to allocate an app distribution setting to an organization (a user).

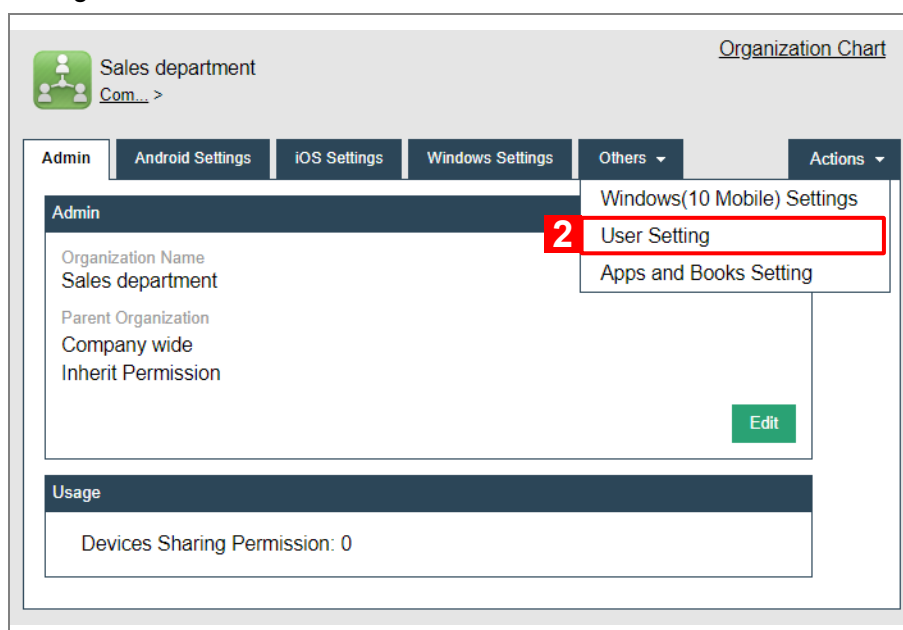
[1] Go to [Organization]→[List], and select a target organization from the list.

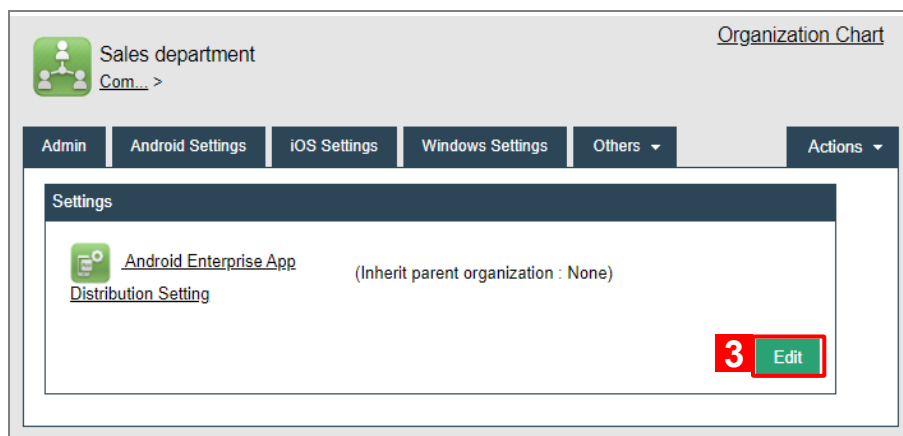
 If you want to allocate a setting to a user, go to [User]→[List], and select a target user from the list.



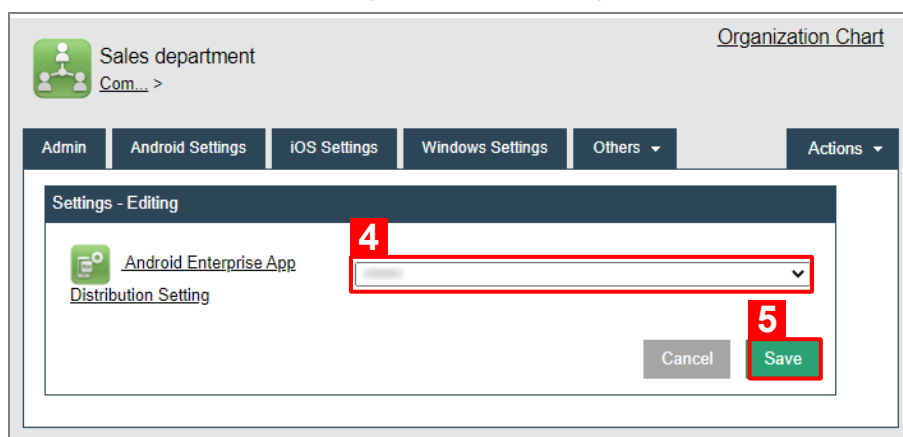
[2] Click the [Others ▼] tab→[User Setting].

 If you want to allocate settings to a user, select the [Others ▼] tab→[Settings] when selecting a target user.



[3] Click [Edit].**[4] From the pull-down menu, specify the distribution setting name you set in step [3] of "Creating an app distribution setting".****[5] Click [Save].**

⇒ The app distribution setting for force installing apps will be allocated to the organization.



2.2.4 Allocating a user to the device

Use the following steps to allocate a user to the device to which apps will be installed, and perform a sync. After performing these steps, apps will be force installed on the device.

- [1]** Go to [Assets]→[List], and select a target device from the list.
- [2]** Click [Edit admin information].

The screenshot displays the Optimal Biz web application interface. The top navigation bar includes links for Assets, User, Organization, Settings, Log, and Related Service. The left sidebar contains a 'List' menu with options like Network Map, Authentication Procedure, and Download CSV. The main content area is titled 'Assets' and shows a table of 14 devices. A red box labeled '1' highlights a device in the table. The right sidebar contains a 'Settings' section with buttons for 'Setting Allocation' and 'Setting Template Allocation', and an 'Actions' section with buttons for 'Change screen lock password' and 'Remote Lock'. A red box labeled '2' highlights the 'Edit admin information' button in the right sidebar.

Asset Name	OS	Phone Number	User	Organization	Communication Date	Details
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	about 2 years ago	[Details]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	27 days ago	[Details]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	19 days ago	[Details]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	about 4 years ago	[Details]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	about 1 month ago	[Details]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	about 1 hour ago	[Details]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	for over 2 years ago	[Details]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	almost 2 years ago	[Details]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	almost 2 years ago	[Details]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	about 1 year ago	[Details]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	for over a year ago	[Details]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	about 2 years ago	[Details]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	about 1 year ago	[Details]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	almost 2 years ago	[Details]

- [3]** Select "User" in "Division", and specify the user you selected in step **[1]** of "Linking a user with an organization" from the pull-down menu.
- [4]** Click [Save].

Optimal Biz

Assets User Organization Settings Log Related Service

Use by old design + Create New

Assets

Asset Name Search Engine Add filter

Search Condition:

1 / 1 Page (14 Devices)

Asset Name	OS	Phone Number	User	Organization	Communication Date	Details
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	about 2 years ago	[Redacted]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	27 days ago	[Redacted]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	19 days ago	[Redacted]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	about 4 years ago	[Redacted]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	about 1 month ago	[Redacted]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	about 1 hour ago	[Redacted]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	for over 2 years ago	[Redacted]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	almost 2 years ago	[Redacted]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	almost 2 years ago	[Redacted]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	about 1 year ago	[Redacted]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	for over a year ago	[Redacted]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	about 2 years ago	[Redacted]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	about 1 year ago	[Redacted]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	almost 2 years ago	[Redacted]

Management Information

Communication Date: 27 Aug 2021 09:11:59 Sync

Asset Name

Division

User

Organization

Note

Save Cancel

©2011 OPTIM | Terms of Service | Privacy Policy | Site Map

- [5]** Click [Sync].
- [6]** Click [OK].

Optimal Biz

Assets User Organization Settings Log Related Service

Use by old design + Create New

Assets

Asset Name Search Engine Add filter

Search Condition:

1 / 1 Page (14 Devices)

Asset Name	OS	Phone Number	User	Organization	Communication Date	Details
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	about 2 years ago	[Redacted]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	27 days ago	[Redacted]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	19 days ago	[Redacted]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	about 4 years ago	[Redacted]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	about 1 month ago	[Redacted]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	about 1 hour ago	[Redacted]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	for over 2 years ago	[Redacted]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	almost 2 years ago	[Redacted]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	almost 2 years ago	[Redacted]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	about 1 year ago	[Redacted]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	for over a year ago	[Redacted]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	about 2 years ago	[Redacted]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	about 1 year ago	[Redacted]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	almost 2 years ago	[Redacted]

Management Information

Communication Date: 27 Aug 2021 09:11:59 Sync

Changed asset information.

OS

Phone Number

User

Organization

Note

Edit admin information

Settings

Setting Allocation

Setting Template Allocation

Show other settings

Actions

Change screen lock password

Remote Lock

Show other operations

Information

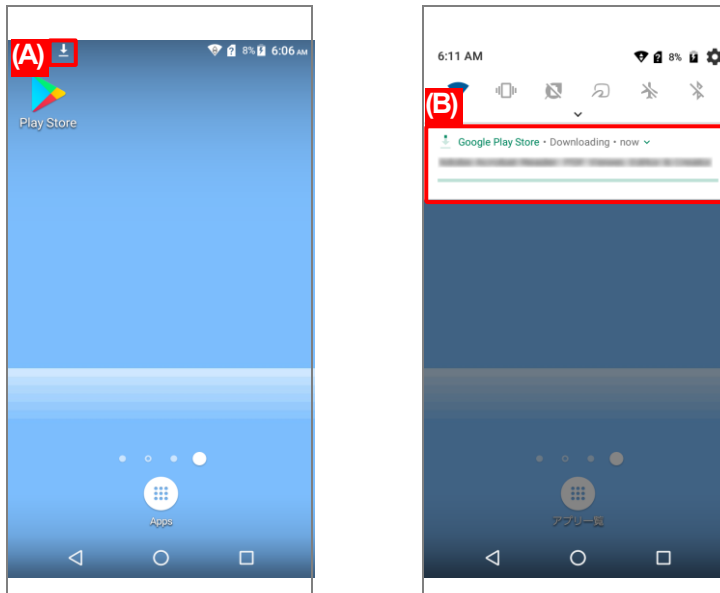
Sync will start. Depending on device, it may take significant amount of time until the setting is applied. Click on [OK] button to proceed.

OK Cancel

©2011 OPTIM | Terms of Service | Privacy Policy | Site Map

⇒ Apps will begin to be installed on the device. Wait until an app icon appears on the device's screen.

- ✎ It may take a while until apps are installed on the device.
- ✎ If the app distribution setting includes many apps, it will take a significant amount of time until apps are installed on the device.
- ✎ Apps that are installed or pre-installed on the device will be automatically updated if the latest version of the app is available. If "Do not auto-update apps" is selected in "Auto-update apps" in the Play store settings, apps will not be automatically updated.
- ✎ Depending on the device model and OS, the symbol (A) will appear at the top of the device screen during installation. You can check the status of the installation from the notification area (B).



2.3 Installing original apps

To install a self-developed original app (a private app) on a device by using "App Distribution", follow the steps below.

- ✎ Such apps must satisfy requirements for publishing apps on Google Play even if you use the managed Google Play store. If you cannot upload an app to managed Google Play store, check "Publish your app" in Google Play Console Help.

👉 https://support.google.com/googleplay/android-developer/answer/9859751?hl=ja&ref_topic=7072031&visit_id=637447420079028238-1407887779&rd=1

- ✎ You cannot upload more than one application with the same package name to the managed Google Play store due to the Google Play specifications. You cannot upload an app whose package name exists in the managed Google Play store.

- ✎ If multiple developing companies use the same original app and each use a different management site, one of the companies should obtain a Developer Account (paid account), log in to Google Play Console, and then carry out the settings to privately publish the app for the user company. For more information on how to publish private apps in the Google Play Console, see the help page below.

👉 <https://support.google.com/googleplay/work/answer/6145139?hl=ja>

- ✎ You cannot upload multiple versions of an application, and different organizations cannot distribute different versions of an application.

If you want to distribute a new version to some devices for internal verification, create a test version release. For information on how to set up an open, closed, or internal test, check the help page below.

👉 <https://support.google.com/googleplay/android-developer/answer/3131213?hl=ja>

- ✎ Google Play does not allow you to delete an app after you upload it. If you have the Optimal Biz environment for pre-validation (management site), be careful not to upload original apps that are scheduled to be distributed in a production environment.

- ✎ If you have any questions regarding uploading apps to the managed Google Play store, consult Google Play Console Help.

👉 <https://support.google.com/googleplay/android-developer>

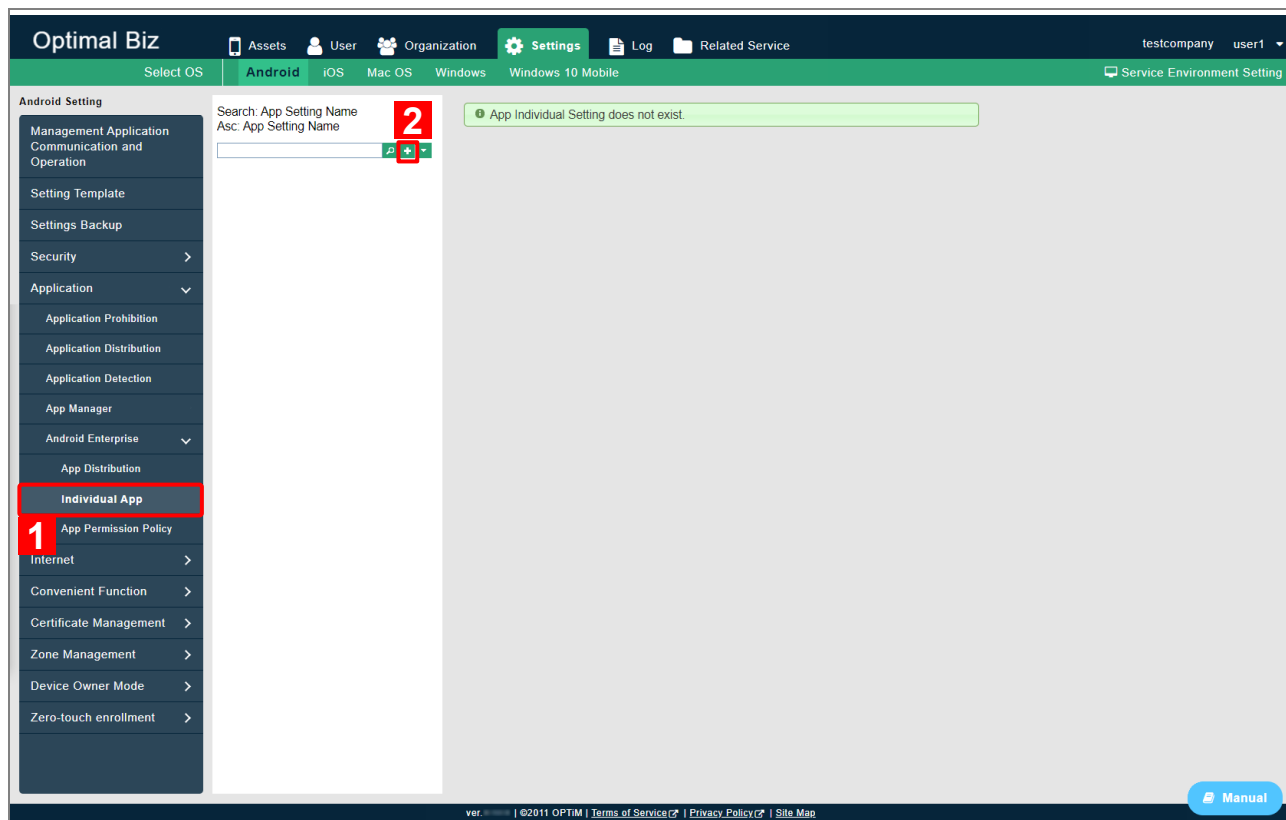
2.3.1 Creating an app individual setting

From "Individual App", create a configuration set that registers apps to be installed (App Individual Setting).

✗ You cannot set more than one app to one configuration set.

[1] Click [Settings]→[Android]→[Application]→[Android Enterprise]→[Individual App].

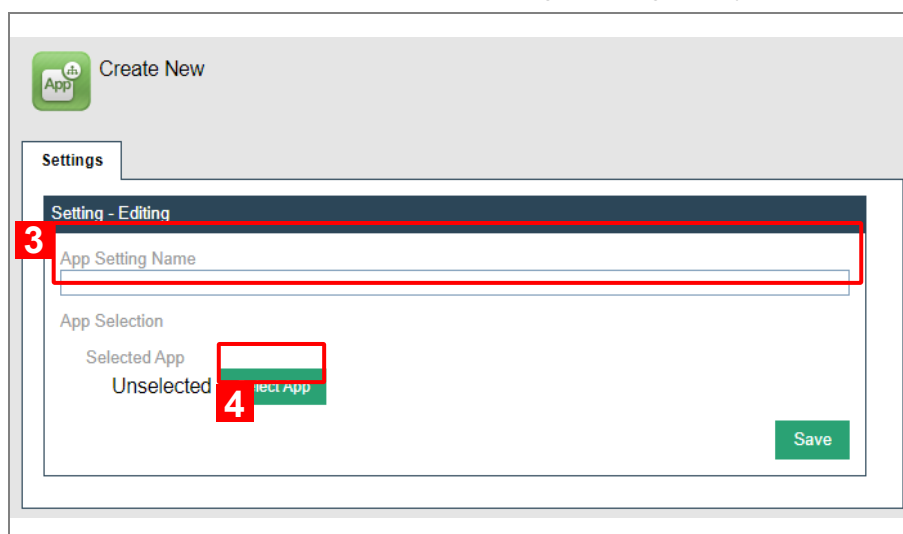
[2] Click .



[3] Enter an arbitrary name in "App Setting Name".

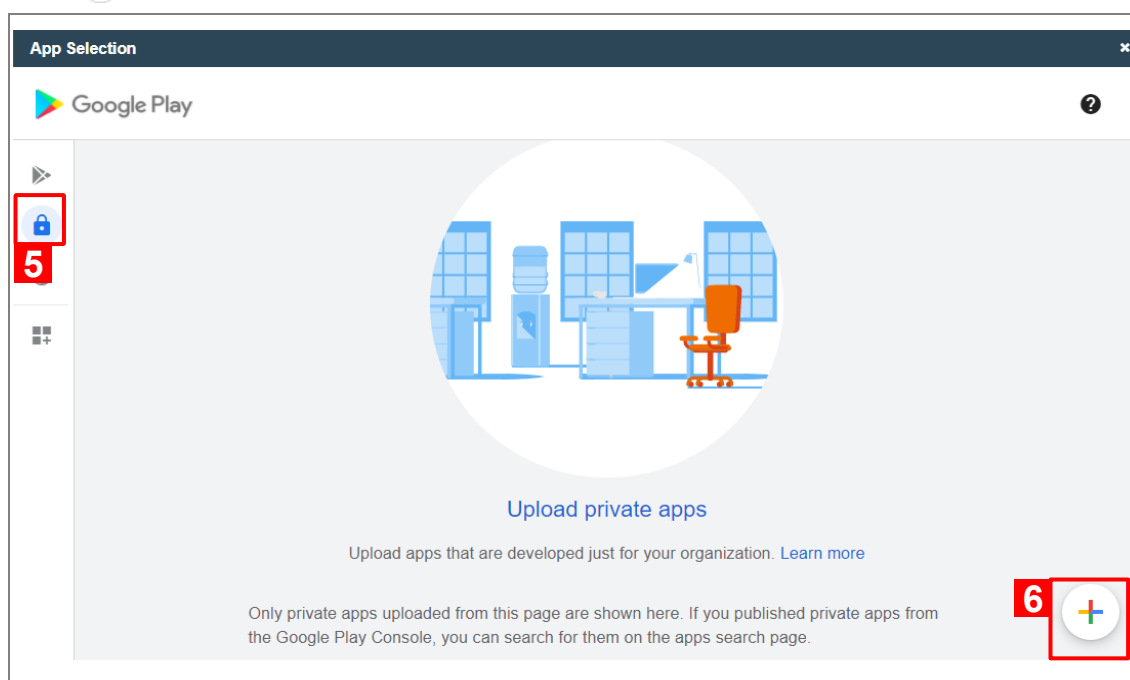
[4] Click [Select App].

⇒ The "App Selection" screen of the managed Google Play store is displayed.



[5] Click  (private app).

[6] Click .



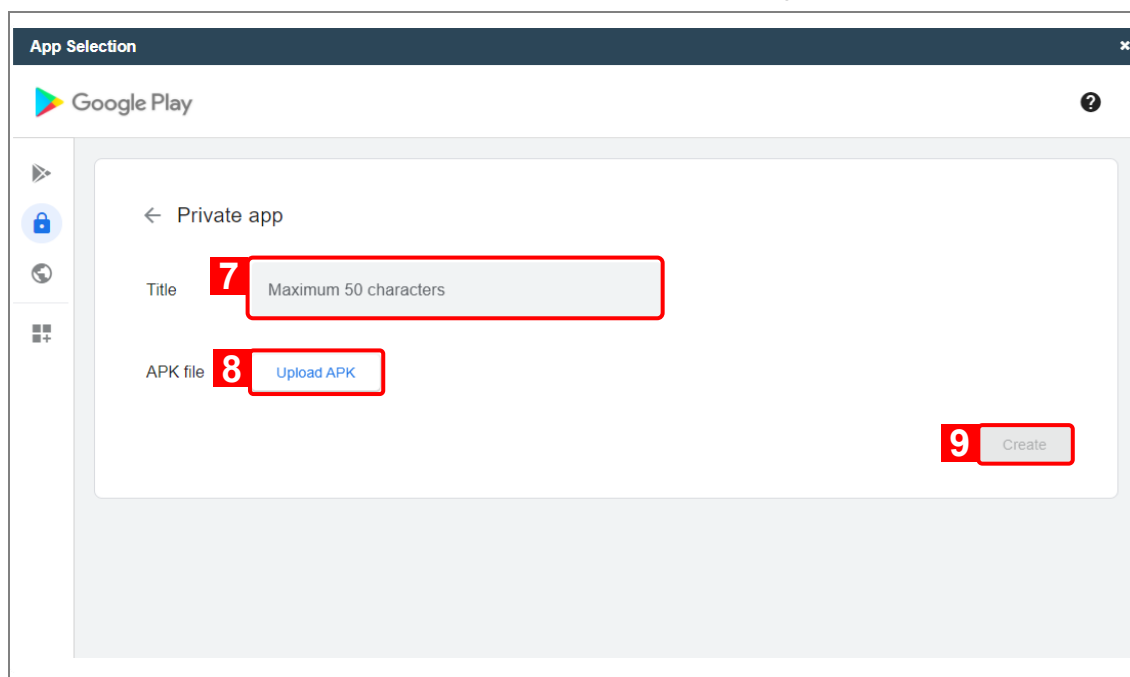
[7] Enter an arbitrary name in "Title".

[8] Click [Upload APK] to upload the APK file of an original app.

[9] Click [Create].

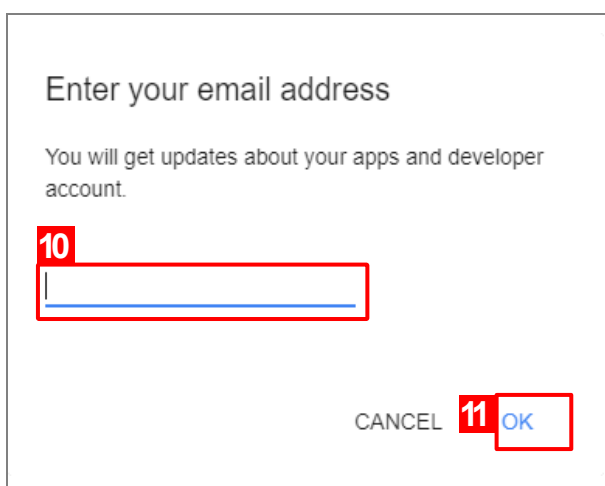
⇒ The email address entry screen appears.

☒ If the package name has already been registered on Google Play, an error message will be displayed and the app cannot be uploaded. For details, contact the original app developer.



[10] Enter your email address.

[11] Click [OK].




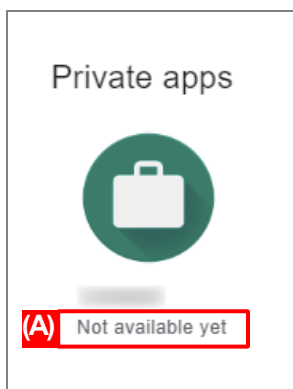
Enter your email address

You will get updates about your apps and developer account.

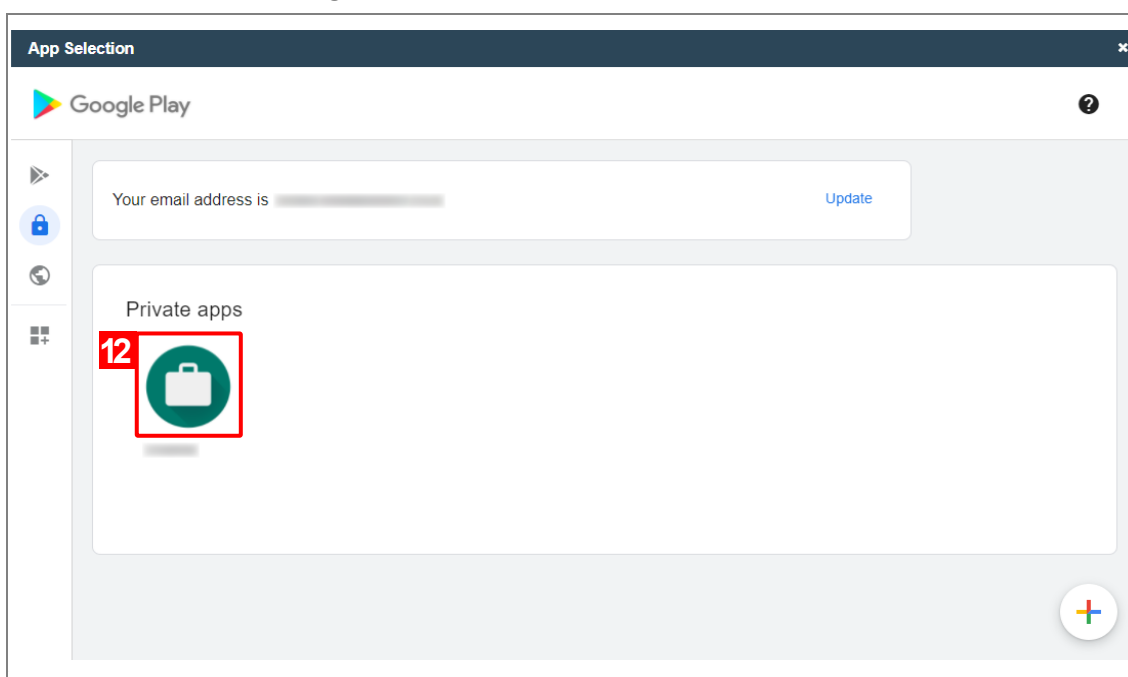
10

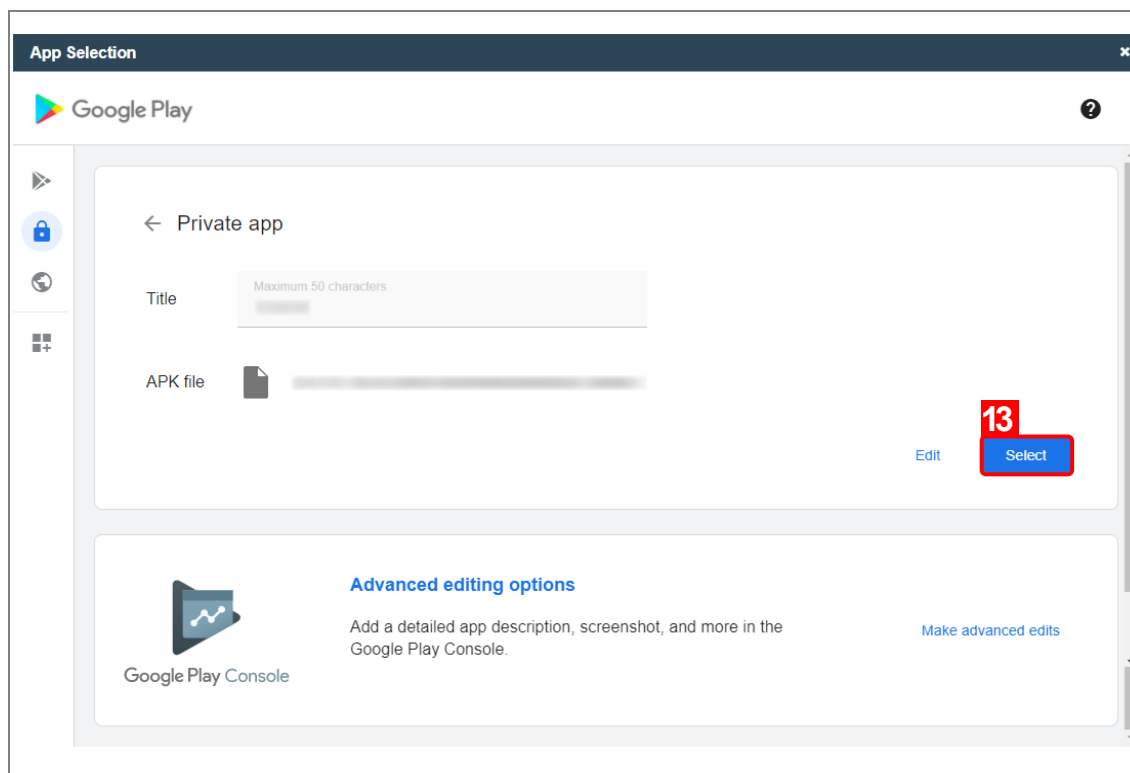
CANCEL **11** OK

 Wait approx. 10 minutes until the original app (private app) is published. Once published, the message (A) "Not available yet" will disappear.

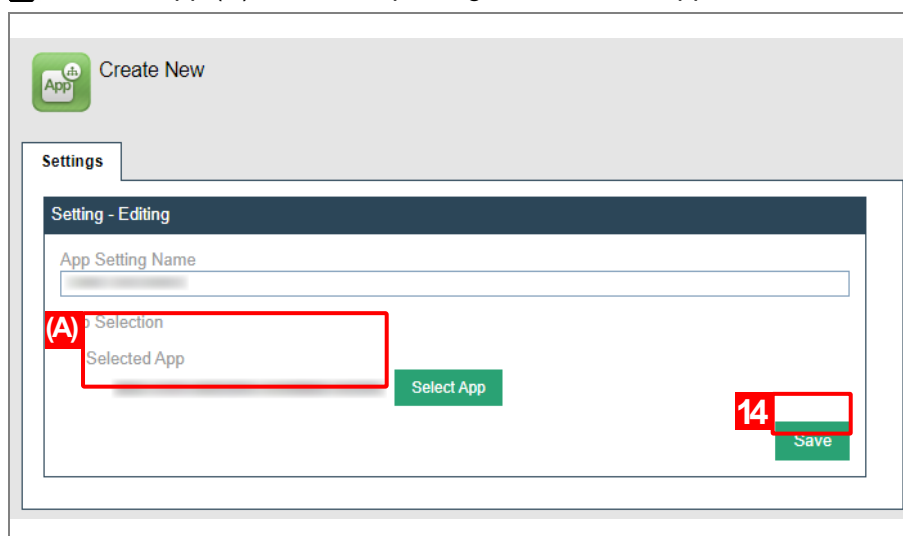


[12] Click the published original app (private app).

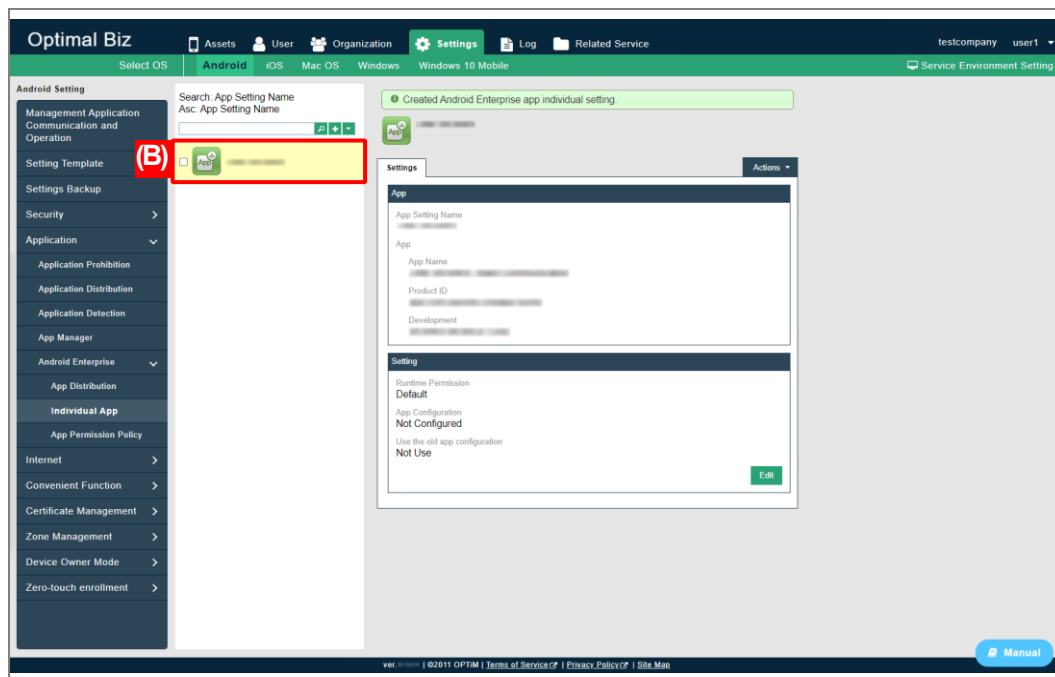


[13] Click [Select].**[14] Click [Save].**

☑ Selected App (A) shows the package name of the app.




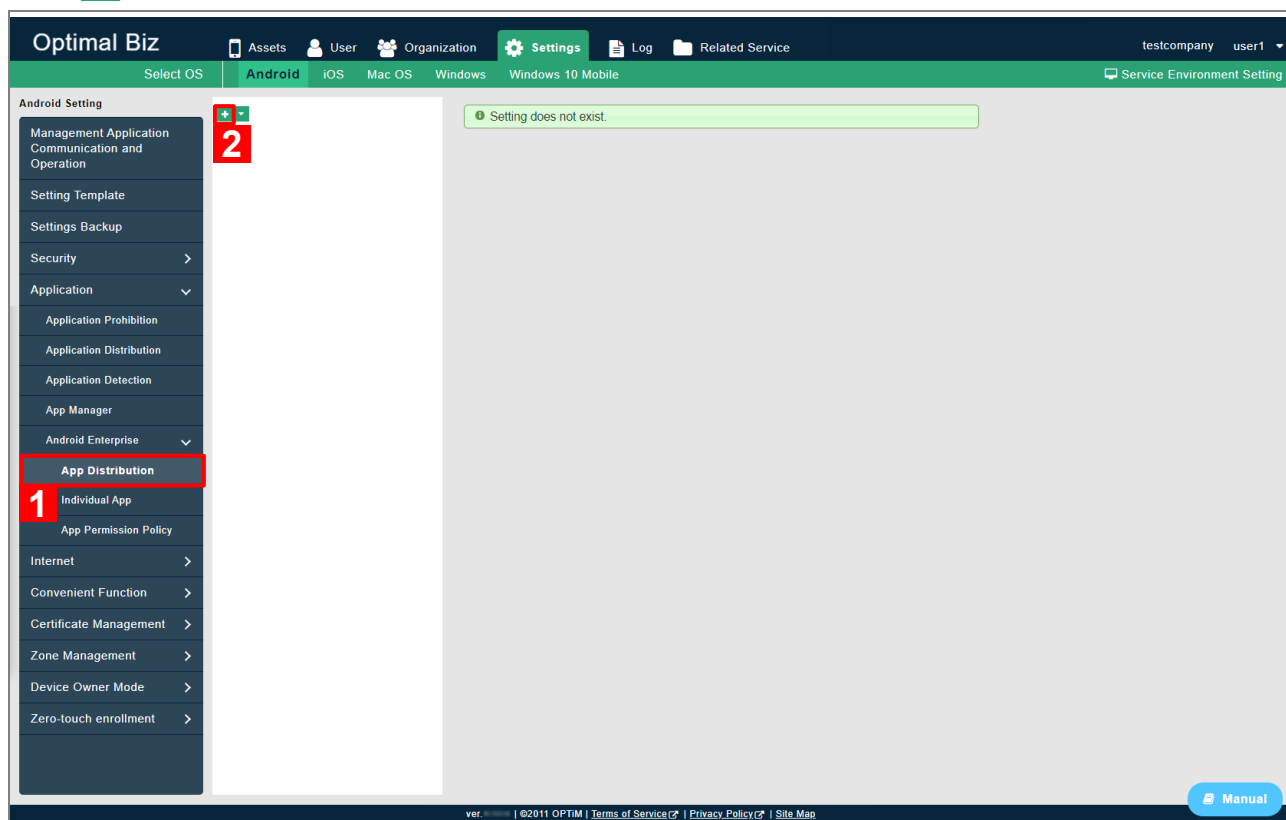
⇒ An app individual setting is created (B).




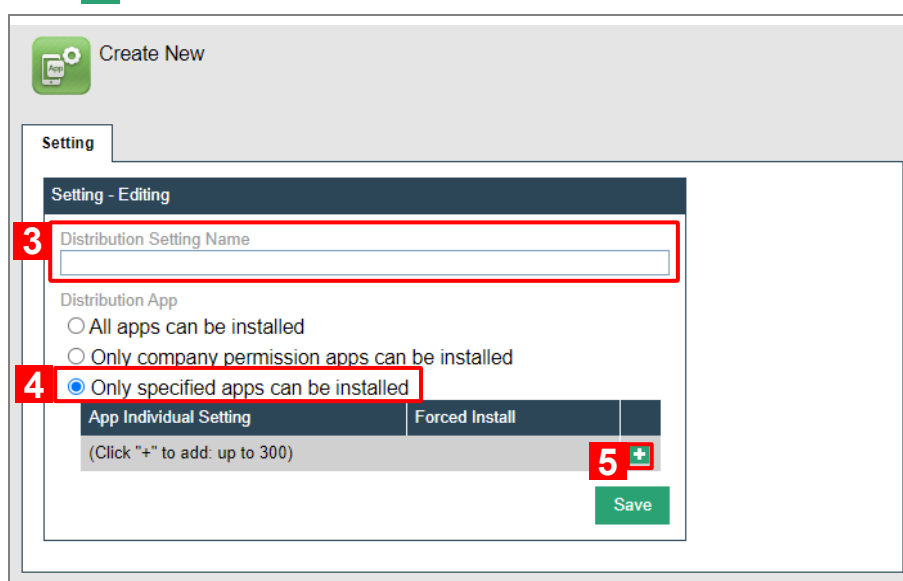
2.3.2 Creating an app distribution setting

From "App Distribution", create a configuration set that combines app individual settings (App Distribution Settings) using the following steps.

- [1]** Click [Settings]→[Android]→[Application]→[Android Enterprise]→[App Distribution].
- [2]** Click .



- [3]** Enter an arbitrary name in "Distribution Setting Name".
- [4]** Select "Only specified apps can be installed".
- [5]** Click .




- [6]** From the pull-down menu of "App Individual Setting", specify the app setting name you set in step **[3]** of "Creating an app individual setting".
- [7]** Click [Save].

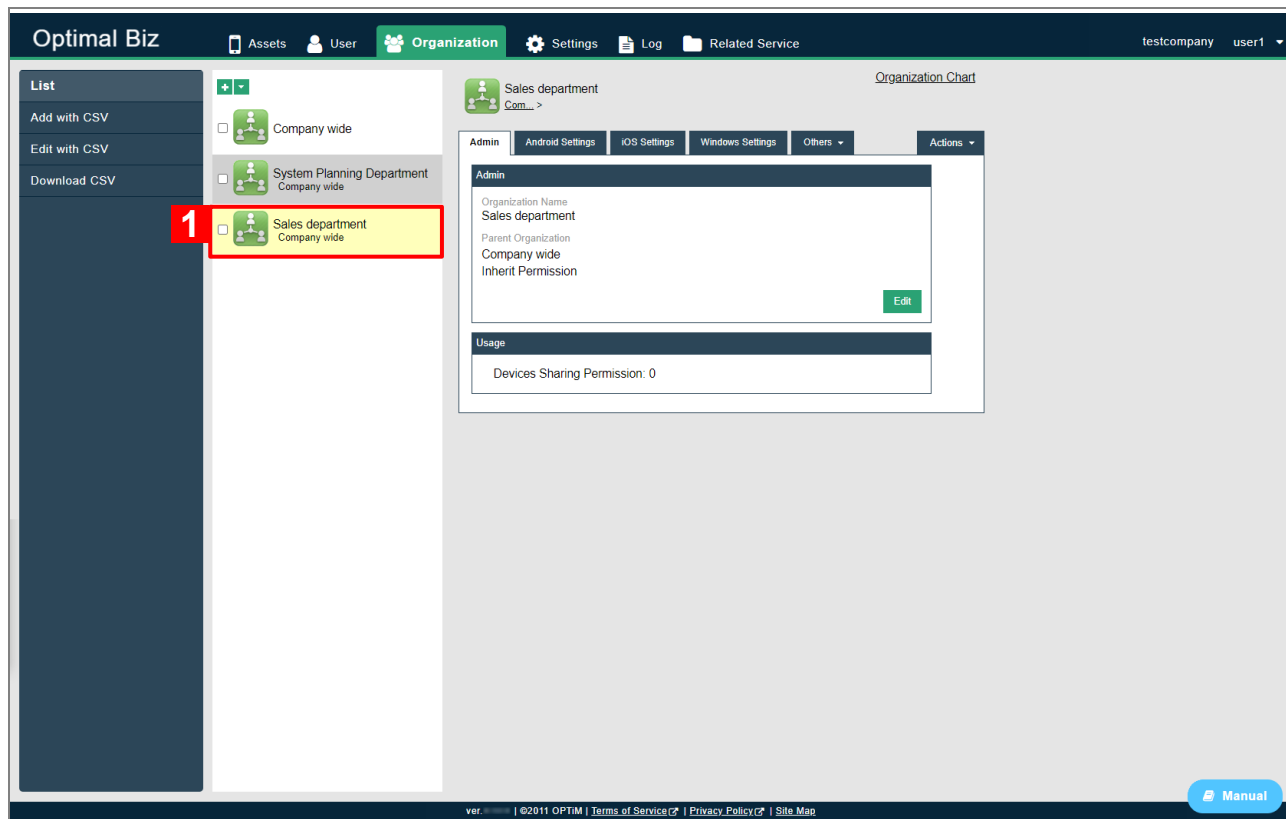
⇒ An app distribution setting is created (A).

2.3.3 Allocating an app distribution setting to an organization (a user).


Use the following procedure to allocate an app distribution setting to an organization (a user).

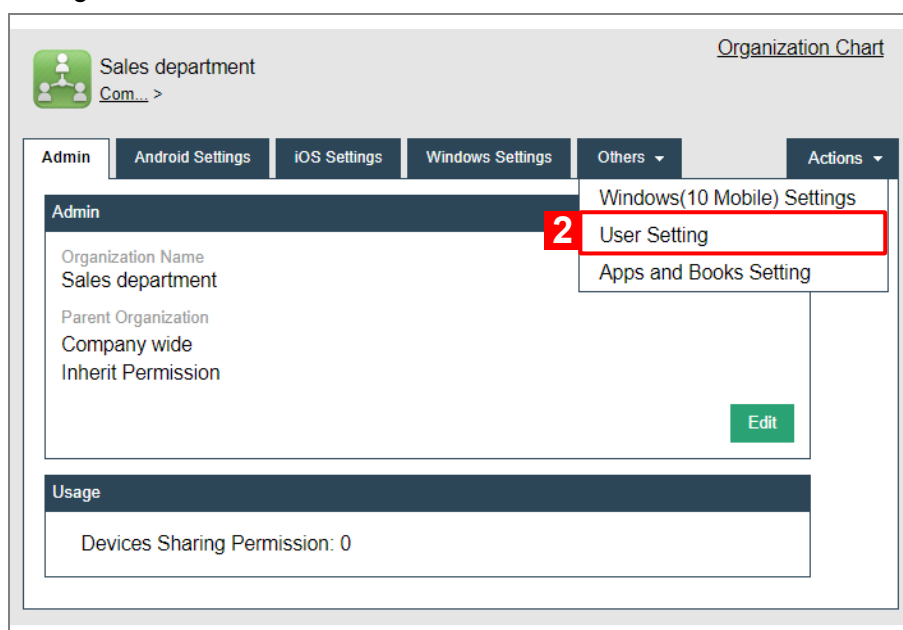
[1] Go to [Organization]→[List], and select a target organization from the list.

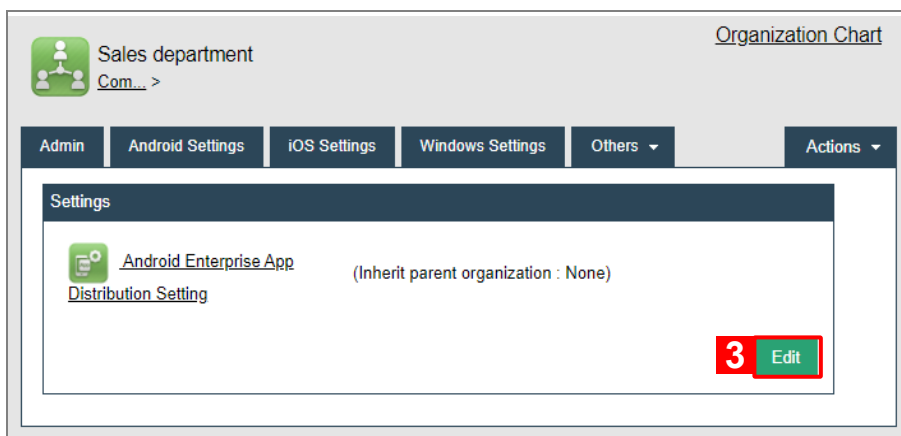
 If you want to allocate a setting to a user, go to [User]→[List], and select a target user from the list.



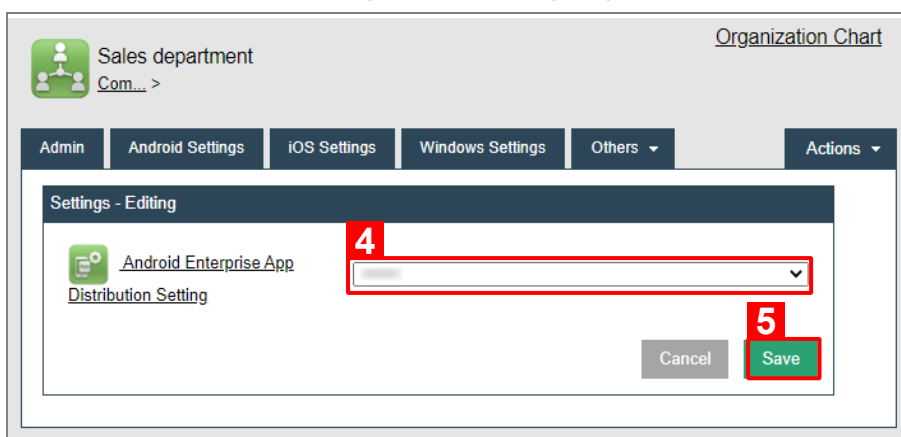
[2] Click the [Others ▼] tab→[User Setting].

 If you want to allocate settings to a user, select the [Others ▼] tab→[Settings] when selecting a target user.



[3] Click [Edit].**[4] From the pull-down menu, specify the distribution setting name you set in step [3] of "Creating an app distribution setting".****[5] Click [Save].**

⇒ The app distribution setting for distributing original apps will be allocated to the organization.



2.3.4 Allocating a user to the device

Use the following steps to allocate a user to the device to which apps will be installed, and perform a sync. After performing these steps, you can install original apps on the device.

[1] Go to [Assets]→[List], and select a target device from the list.

[2] Click [Edit admin information].

The screenshot displays the 'Optimal Biz' web application interface. The top navigation bar includes 'Assets', 'User', 'Organization', 'Settings', 'Log', and 'Related Service'. The left sidebar contains a 'List' menu with options like 'Network Map', 'Authentication Procedure', and 'Download CSV'. The main content area is titled 'Assets' and features a search bar and a table of 14 devices. A red box labeled '1' highlights a row in the table. The right sidebar shows a 'Communication Date' of 27 Aug 2021 09:11:59 and a 'Sync' button. Below this, there are sections for 'Settings' (including 'Setting Allocation' and 'Setting Template Allocation') and 'Actions' (including 'Change screen lock password' and 'Remote Lock'). A red box labeled '2' highlights the 'Edit admin information' button in the 'Settings' section.

Asset Name	OS	Phone Number	User	Organization	Communication Date	Details
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	about 2 years ago	[Details]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	27 days ago	[Details]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	19 days ago	[Details]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	about 4 years ago	[Details]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	about 1 month ago	[Details]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	about 1 hour ago	[Details]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	for over 2 years ago	[Details]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	almost 2 years ago	[Details]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	almost 2 years ago	[Details]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	about 1 year ago	[Details]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	for over a year ago	[Details]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	about 2 years ago	[Details]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	about 1 year ago	[Details]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	almost 2 years ago	[Details]

- [3]** Select "User" in "Division", and specify the user you selected in step **[1]** of "Linking a user with an organization" from the pull-down menu.
- [4]** Click [Save].

Optimal Biz

Assets

Management Information

Communication Date: 27 Aug 2021 09:11:59

Asset Name

Division

User

Organization

Note

Save

Cancel

Asset Name	OS	Phone Number	User	Organization	Communication Date	Details
Asset Name	OS	Phone Number	User	Organization	about 2 years ago	Details
Asset Name	OS	Phone Number	User	Organization	27 days ago	Details
Asset Name	OS	Phone Number	User	Organization	19 days ago	Details
Asset Name	OS	Phone Number	User	Organization	about 4 years ago	Details
Asset Name	OS	Phone Number	User	Organization	about 1 month ago	Details
Asset Name	OS	Phone Number	User	Organization	about 1 hour ago	Details
Asset Name	OS	Phone Number	User	Organization	for over 2 years ago	Details
Asset Name	OS	Phone Number	User	Organization	almost 2 years ago	Details
Asset Name	OS	Phone Number	User	Organization	almost 2 years ago	Details
Asset Name	OS	Phone Number	User	Organization	about 1 year ago	Details
Asset Name	OS	Phone Number	User	Organization	for over a year ago	Details
Asset Name	OS	Phone Number	User	Organization	about 2 years ago	Details
Asset Name	OS	Phone Number	User	Organization	about 1 year ago	Details
Asset Name	OS	Phone Number	User	Organization	almost 2 years ago	Details

[5] Click [Sync].

[6] Click [OK].

⇒ The original app will be distributed to the Play Store of the device. The rest of the steps are carried out on the destination device.

Optimal Biz

Assets

Sync will start. Depending on device, it may take significant amount of time until the setting is applied. Click on [OK] button to proceed.

OK

Cancel

Management Information

Communication Date: 27 Aug 2021 09:11:59

Sync

Changed asset information

OS

Phone Number

User

Organization

Note

Edit admin information

Settings

Setting Allocation

Setting Template Allocation

Show other settings

Actions

Change screen lock password

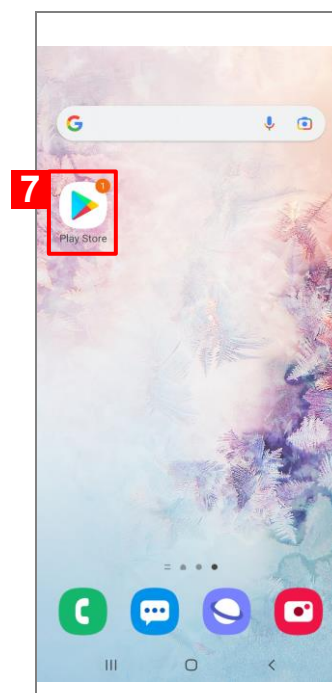
Remote Lock

Show other operations

Information

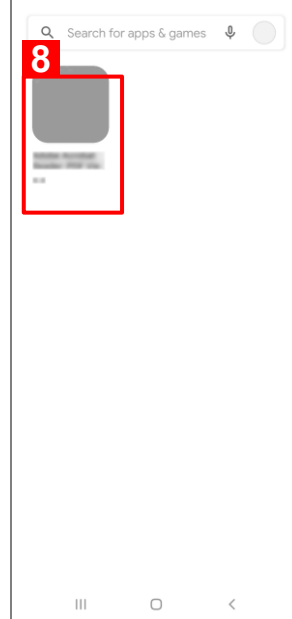
Asset Name	OS	Phone Number	User	Organization	Communication Date	Details
Asset Name	OS	Phone Number	User	Organization	about 2 years ago	Details
Asset Name	OS	Phone Number	User	Organization	27 days ago	Details
Asset Name	OS	Phone Number	User	Organization	19 days ago	Details
Asset Name	OS	Phone Number	User	Organization	about 4 years ago	Details
Asset Name	OS	Phone Number	User	Organization	about 1 month ago	Details
Asset Name	OS	Phone Number	User	Organization	about 1 hour ago	Details
Asset Name	OS	Phone Number	User	Organization	for over 2 years ago	Details
Asset Name	OS	Phone Number	User	Organization	almost 2 years ago	Details
Asset Name	OS	Phone Number	User	Organization	almost 2 years ago	Details
Asset Name	OS	Phone Number	User	Organization	about 1 year ago	Details
Asset Name	OS	Phone Number	User	Organization	for over a year ago	Details
Asset Name	OS	Phone Number	User	Organization	about 2 years ago	Details
Asset Name	OS	Phone Number	User	Organization	about 1 year ago	Details
Asset Name	OS	Phone Number	User	Organization	almost 2 years ago	Details

[7] Tap [Play Store].



[8] Tap the original app.

⇒ Tapping it will start installing the original app. Wait until an app icon appears on the device's screen.




2.4 Installing a web app (shortcut)

To install a shortcut to a website as a web app on your device with App Distribution, carry out the following steps.

 To use a web app, install Google Chrome on your device.

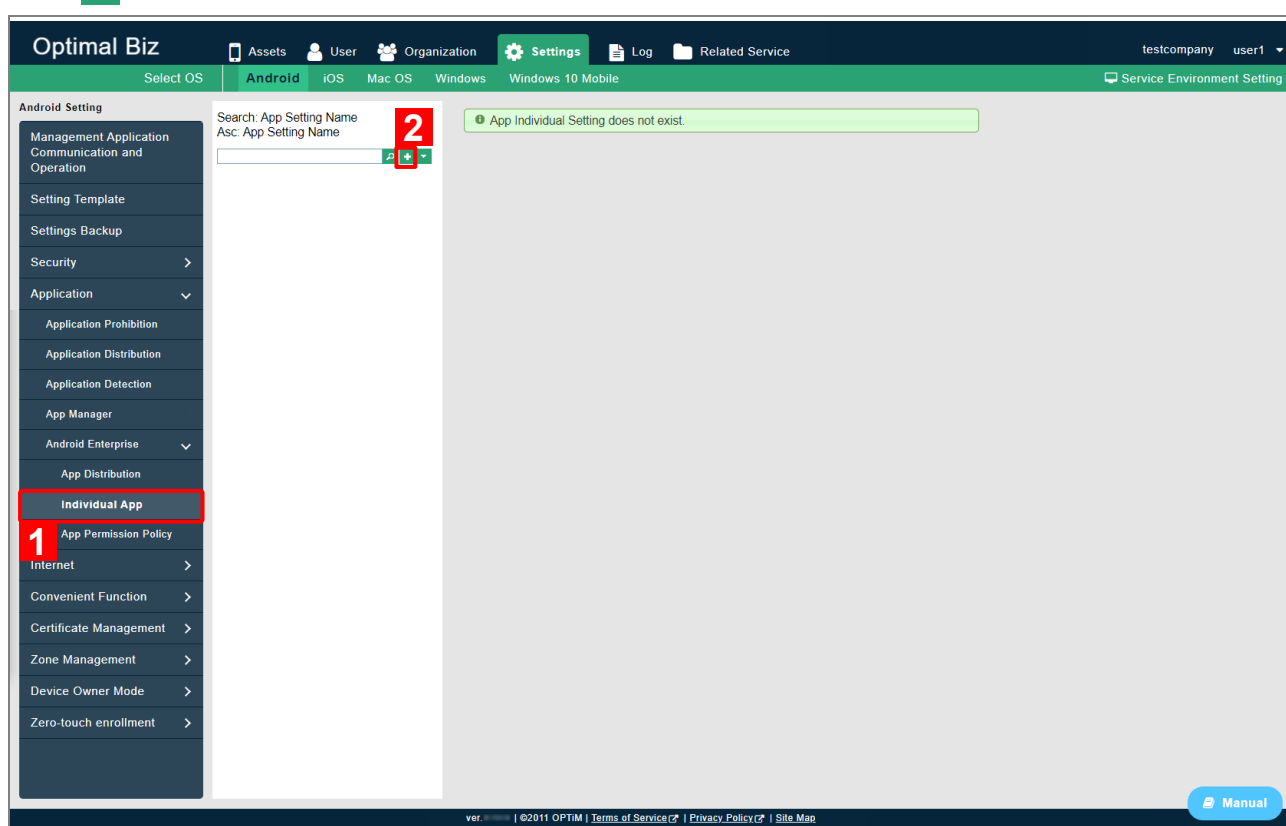
2.4.1 Creating an app individual setting

From "Individual App", create a configuration set that registers apps to be installed (App Individual Setting).

 You cannot set more than one app to one configuration set.

[1] Click [Settings]→[Android]→[Application]→[Android Enterprise]→[Individual App].

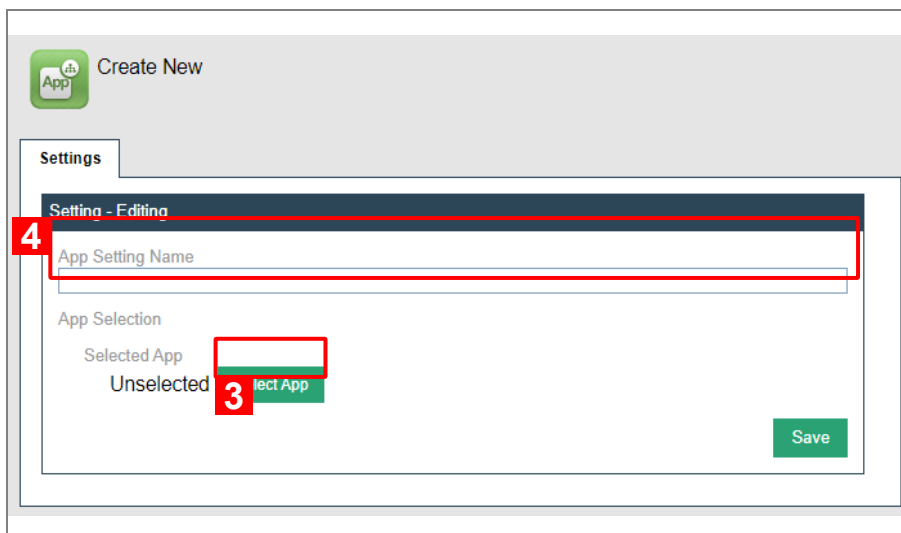
[2] Click .



[3] Enter an arbitrary name in "App Setting Name".

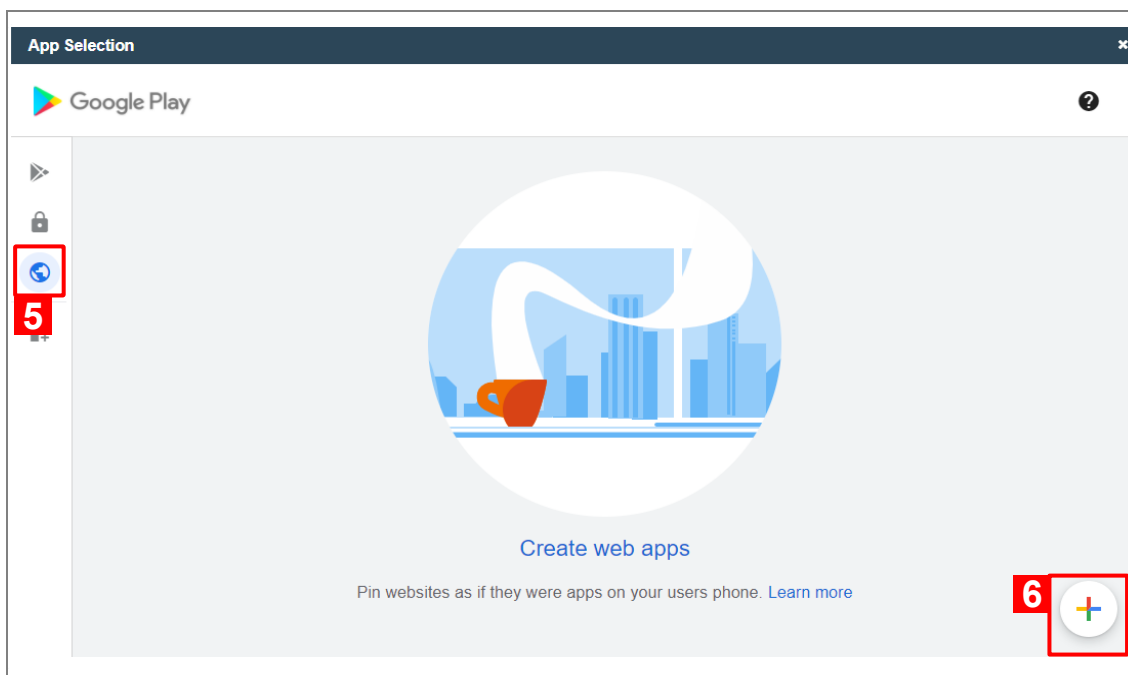
[4] Click [Select App].

⇒ The "App Selection" screen of the managed Google Play store is displayed.



[5] Click  (web app).

[6] Click .



[7] Enter an arbitrary name in "Title".

[8] Enter the URL of a website you want to view.

[9] Select a display mode from the choices below.

- Full screen: Web app will use the entire screen. The device's status bar and navigation bar are not displayed.

- Standalone: Web app shows the device's status and navigation bars.

- Minimal UI: Web app shows the device's status and navigation bars, the URL bar, and the refresh button. If you use a HTTP URL, you can only select this.

☒ The display mode applies only to pages that belong to the specified URL. If the URL redirects to another website, the site will be displayed in Google Chrome.

[10] Click [Upload icon] to specify a picture file to use as an icon.

☒ Icons should be 512*512 pixels in size, and either png or jpeg format.

[11] Click [Create].

☒ Web apps must comply with the Google Play Developer Program Policies. If the title or icon of a web app contains a brand, title, logo, or name of another app or entity, it may be denied from being published.

App Selection

Google Play

← New web app

Title * **7**

URL * **8** https://

Display **9**

☒ Full screen
 ☐ Standalone
 ☐ Minimal UI

Web app will use the entire screen
 Web app shows the phone's navigation and status bars
 Web app shows the phone's navigation and status bars, the URL bar, and the Refresh button

Icon **10** Upload icon

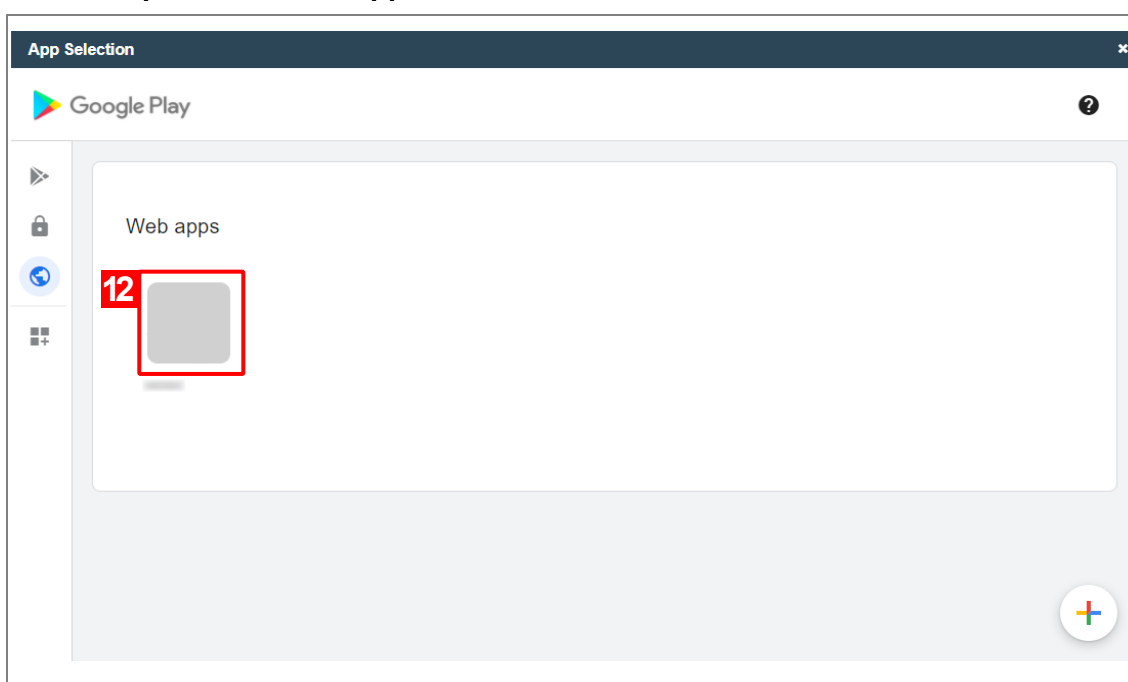
Icons should be 512px square, png or jpeg. Your app title and image must follow the Google Play Developer Program Policies.

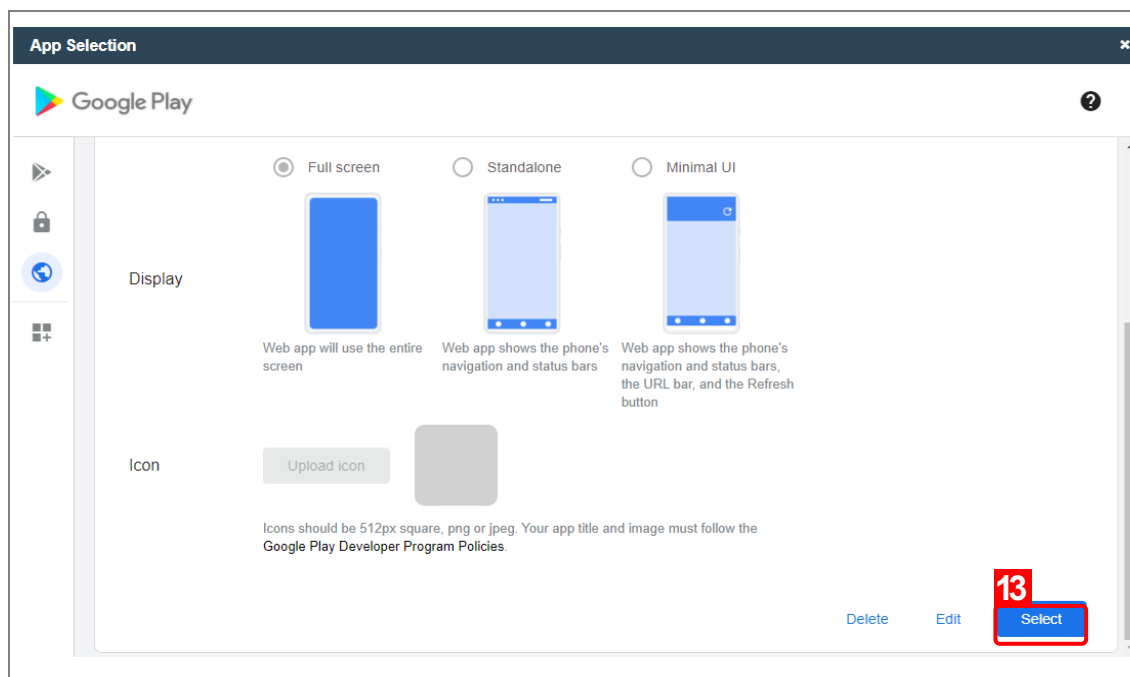
11 Create

- ✍️ Wait approx. 10 minutes until the web app is published. Once published, the message (A) "Not available yet" will disappear.

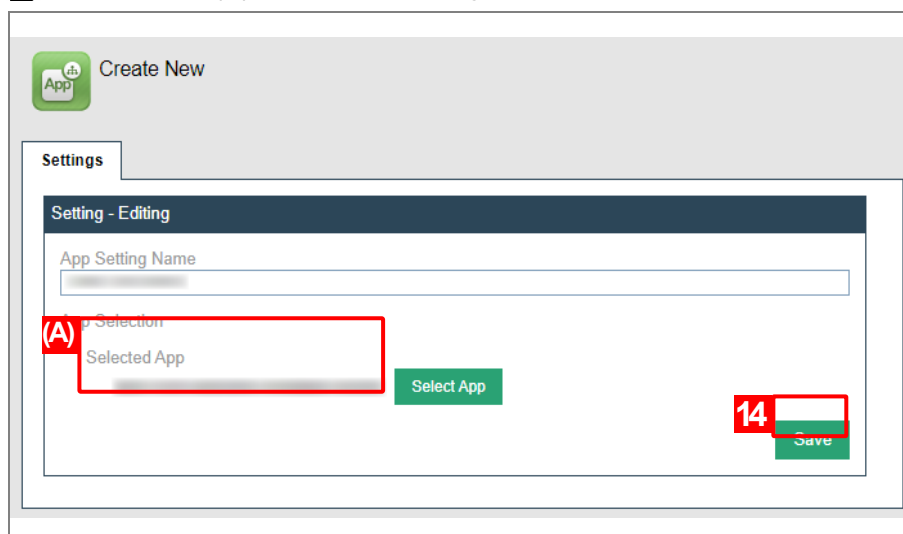


- [12]** Click the published web app.

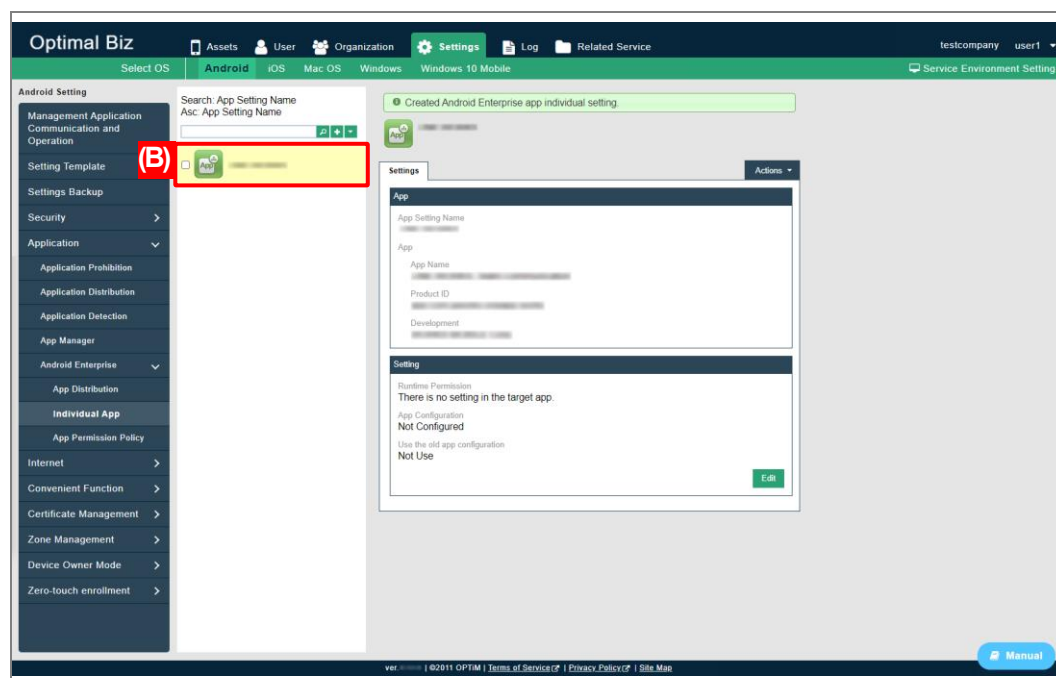


[13] Click [Select].**[14] Click [Save].**

✎ Selected App (A) shows the package name of the app.




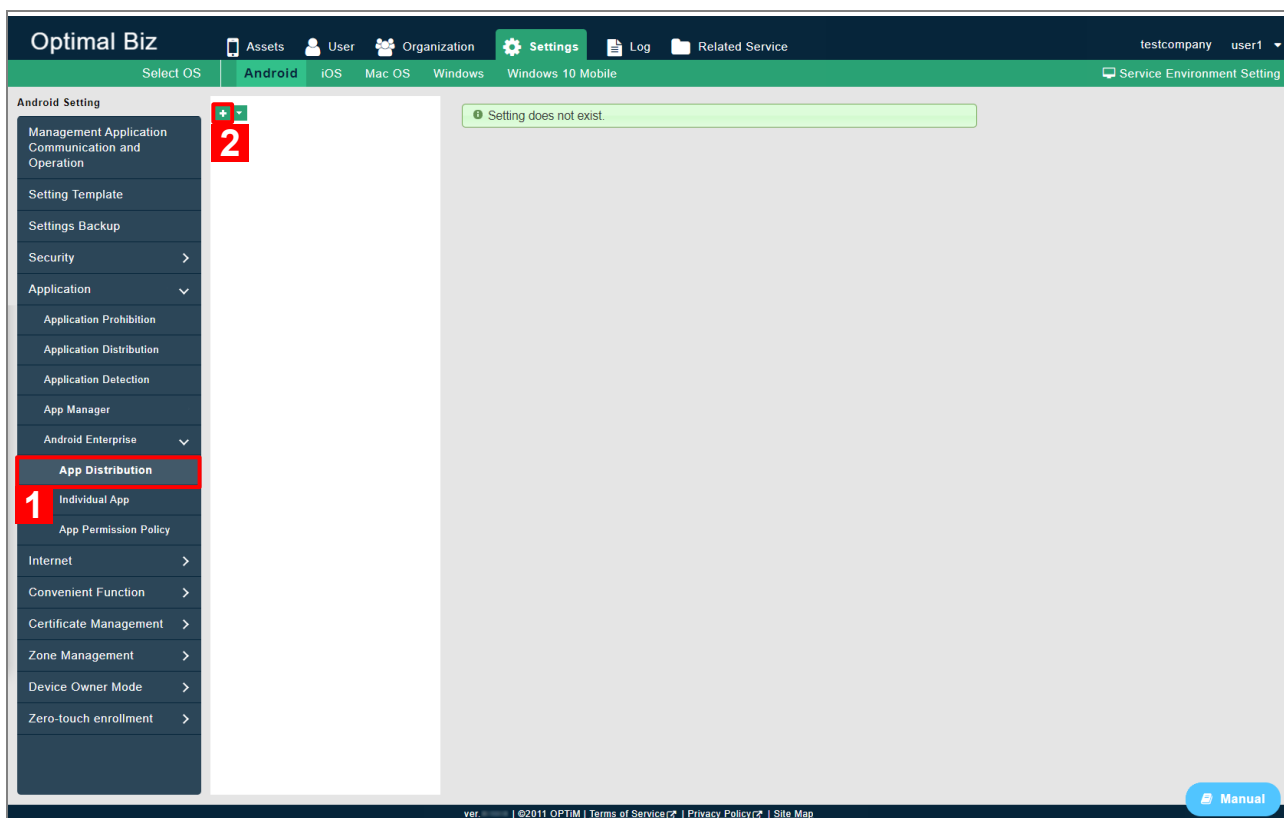
⇒ An app individual setting is created (B).




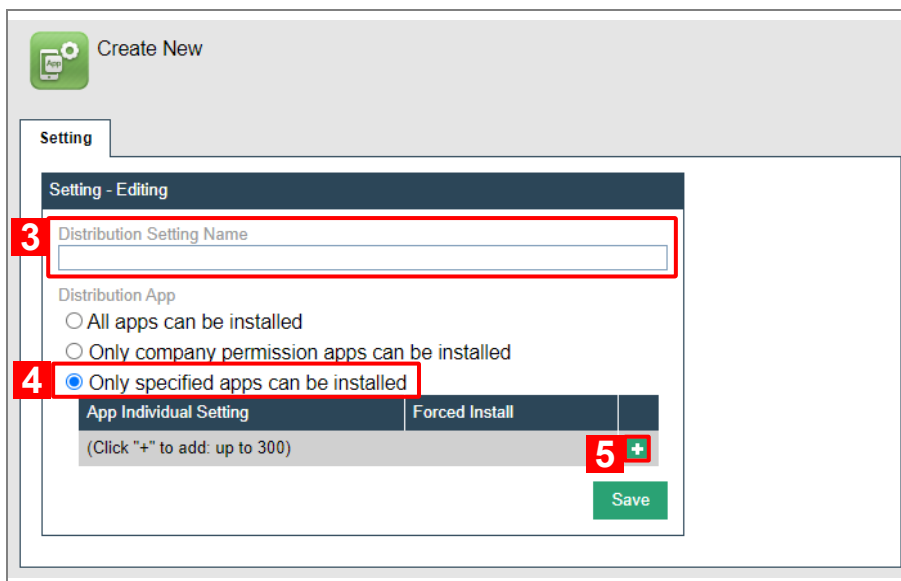
2.4.2 Creating an app distribution setting

From "App Distribution", create a configuration set that combines app individual settings (App Distribution Settings) using the following steps.

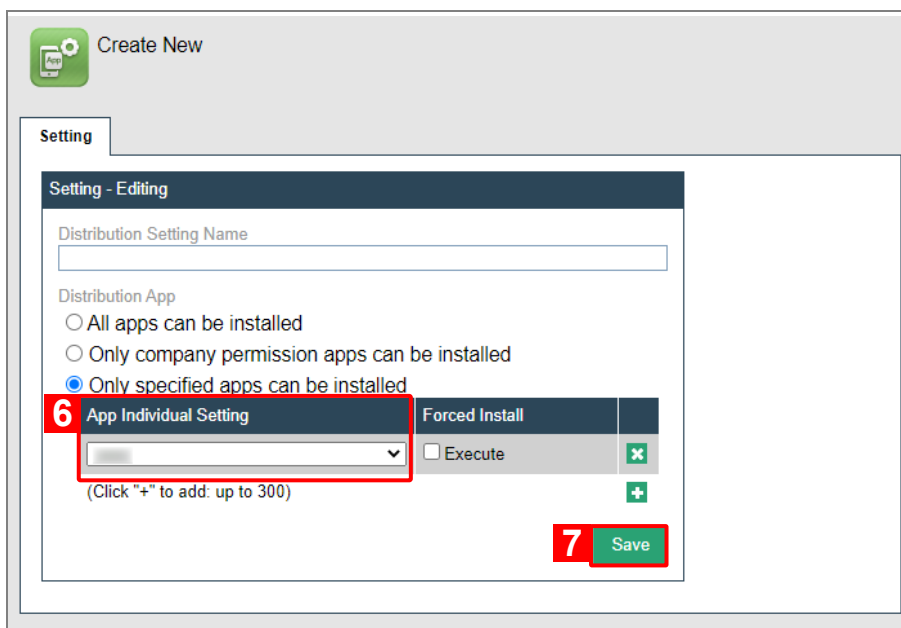
- [1]** Click [Settings]→[Android]→[Application]→[Android Enterprise]→[App Distribution].
- [2]** Click .



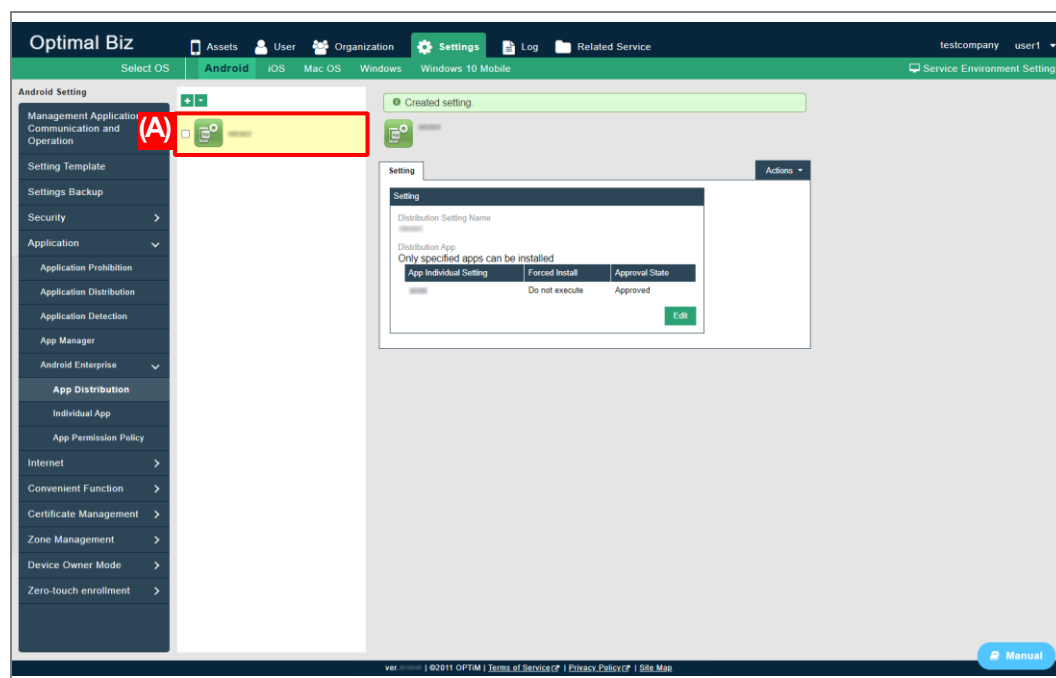
- [3]** Enter an arbitrary name in "Distribution Setting Name".
- [4]** Select "Only specified apps can be installed".
- [5]** Click .



- [6]** From the pull-down menu of "App Individual Setting", specify the app setting name you set in step [3] of "Creating an app individual setting".
- [7]** Click [Save].



⇒ An app distribution setting is created (A).

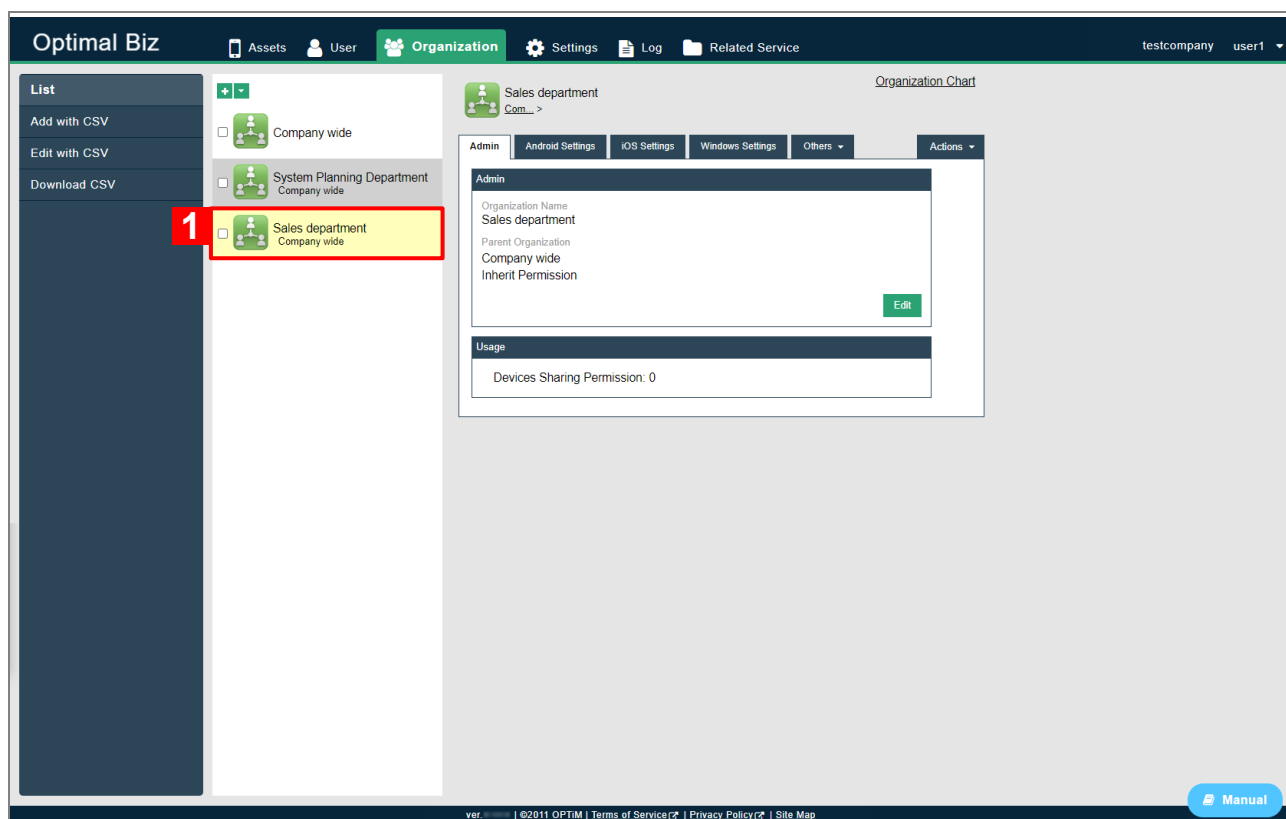


2.4.3 Allocating an app distribution setting to an organization (a user).

Use the following procedure to allocate an app distribution setting to an organization (a user).

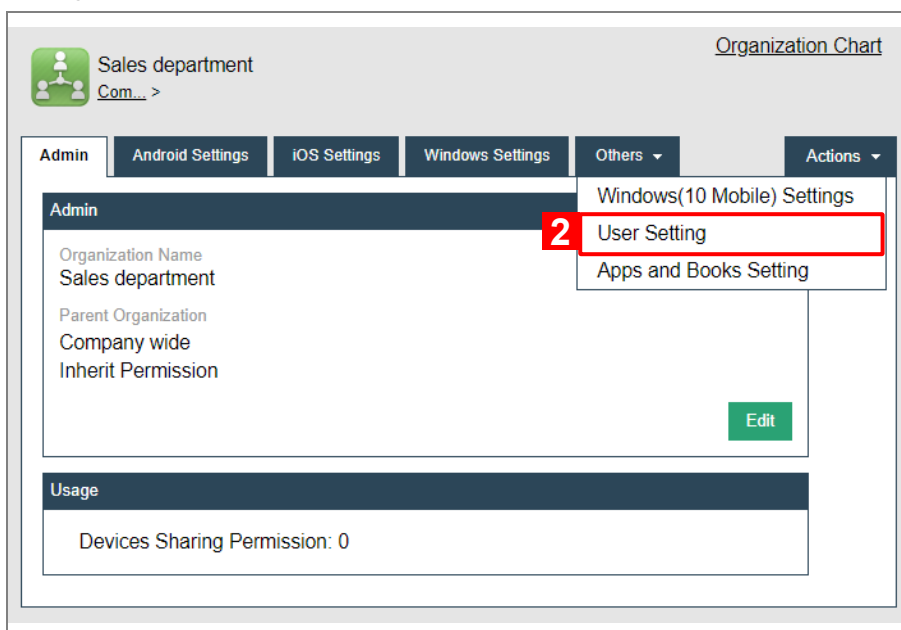
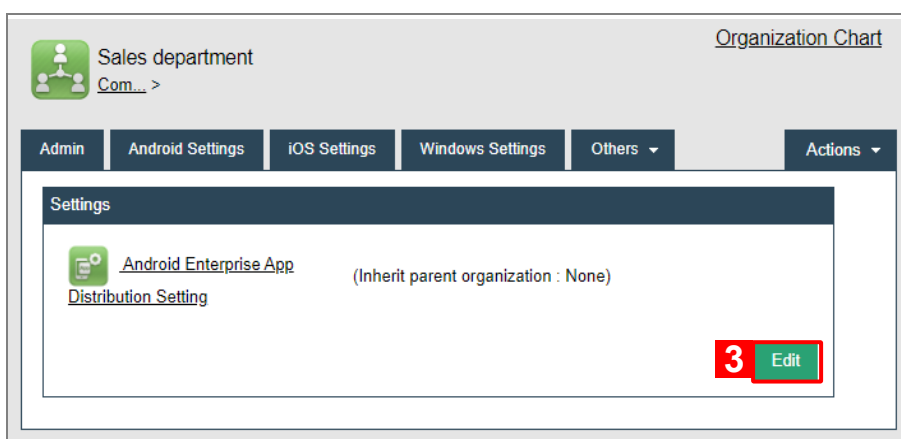
[1] Go to [Organization]→[List], and select a target organization from the list.

✎ If you want to allocate a setting to a user, go to [User]→[List], and select a target user from the list.

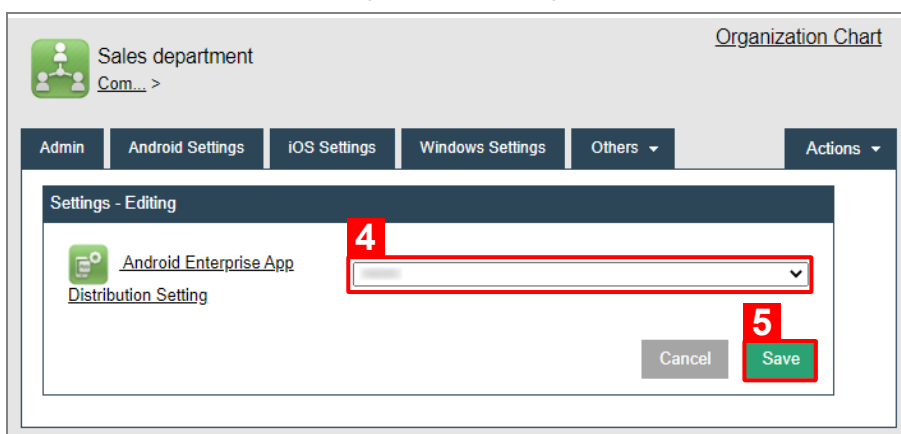


[2] Click the [Others ▼] tab→[User Setting].

✎ If you want to allocate settings to a user, select the [Others ▼] tab→[Settings] when selecting a target user.

**[3] Click [Edit].****[4] From the pull-down menu, specify the distribution setting name you set in step [3] of "Creating an app distribution setting".****[5] Click [Save].**

⇒ The app distribution setting for distributing web apps will be allocated to the organization.



2.4.4 Allocating a user to the device

Use the following steps to allocate a user to the device to which apps will be installed, and perform a sync. After performing these steps, you can install web apps on the device.

[1] Go to [Assets]→[List], and select a target device from the list.

[2] Click [Edit admin information].

The screenshot displays the 'Optimal Biz' web application interface. The top navigation bar includes 'Assets', 'User', 'Organization', 'Settings', 'Log', and 'Related Service'. The left sidebar contains a 'List' menu with options like 'Network Map', 'Authentication Procedure', and 'Download CSV'. The main content area is titled 'Assets' and features a search bar and a table of 14 devices. A red box labeled '1' highlights a row in the table. The right sidebar contains a 'Communication Date' field, a 'Sync' button, and sections for 'OS', 'Phone Number', 'User', 'Organization', and 'Note'. A red box labeled '2' highlights the 'Edit admin information' button in the 'Settings' section of the right sidebar.

Asset Name	OS	Phone Number	User	Organization	Communication Date	Details
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	about 2 years ago	[Details]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	27 days ago	[Details]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	19 days ago	[Details]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	about 4 years ago	[Details]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	about 1 month ago	[Details]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	about 1 hour ago	[Details]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	for over 2 years ago	[Details]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	almost 2 years ago	[Details]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	almost 2 years ago	[Details]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	about 1 year ago	[Details]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	for over a year ago	[Details]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	about 2 years ago	[Details]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	about 1 year ago	[Details]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	almost 2 years ago	[Details]

©2011 OPTIM | Terms of Service | Privacy Policy | Site Map

- [3]** Select "User" in "Division", and specify the user you selected in step **[1]** of "Linking a user with an organization" from the pull-down menu.
- [4]** Click [Save].

Optimal Biz

Assets

Management Information

Communication Date: 27 Aug 2021 09:11:59

Asset Name

Division

User

Organization

Note

Save

Cancel

Asset Name	OS	Phone Number	User	Organization	Communication Date	Details
					about 2 years ago	
					27 days ago	
					19 days ago	
					about 4 years ago	
					about 1 month ago	
					about 1 hour ago	
					for over 2 years ago	
					almost 2 years ago	
					almost 2 years ago	
					about 1 year ago	
					for over a year ago	
					about 2 years ago	
					about 1 year ago	
					almost 2 years ago	

[5] Click [Sync].

[6] Click [OK].

⇒ The web app will be distributed to the Play Store of the device. The rest of the steps are carried out on the destination device.

Optimal Biz

Assets

Management Information

Communication Date: 27 Aug 2021 09:11:59

Sync

Changed asset information.

OS

Phone Number

User

Organization

Note

Edit admin information

Settings

Setting Allocation

Setting Template Allocation

Show other settings

Actions

Change screen lock password

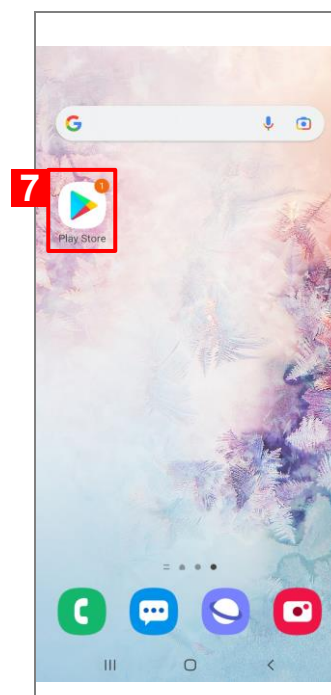
Remote Lock

Show other operations

Information

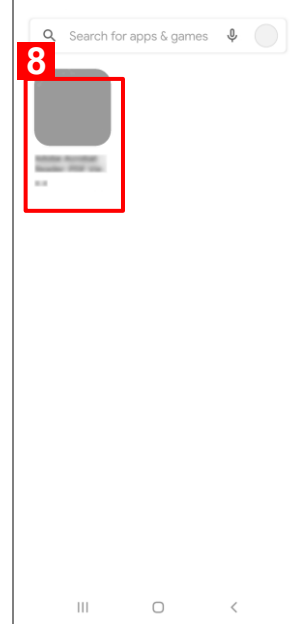
Asset Name	OS	Phone Number	User	Organization	Communication Date	Details
					about 2 years ago	
					27 days ago	
					19 days ago	
					about 4 years ago	
					about 1 month ago	
					about 1 hour ago	
					for over 2 years ago	
					almost 2 years ago	
					almost 2 years ago	
					about 1 year ago	
					for over a year ago	
					about 2 years ago	
					about 1 year ago	
					almost 2 years ago	

[7] Tap [Play Store].




[8] Tap the web app.

⇒ Tapping it will start installing the web app. Wait until an app icon appears on the device's screen.




2.5 Installing apps using App Configuration

You can use "App Configuration" in "Individual App" to add various settings to and install supported apps. To install an app using "App Configuration", carry out the following steps.

 The settings you can add in "App Configuration" vary by app. Contact the app developer for the availability of "App Configuration" and for setting specifications.

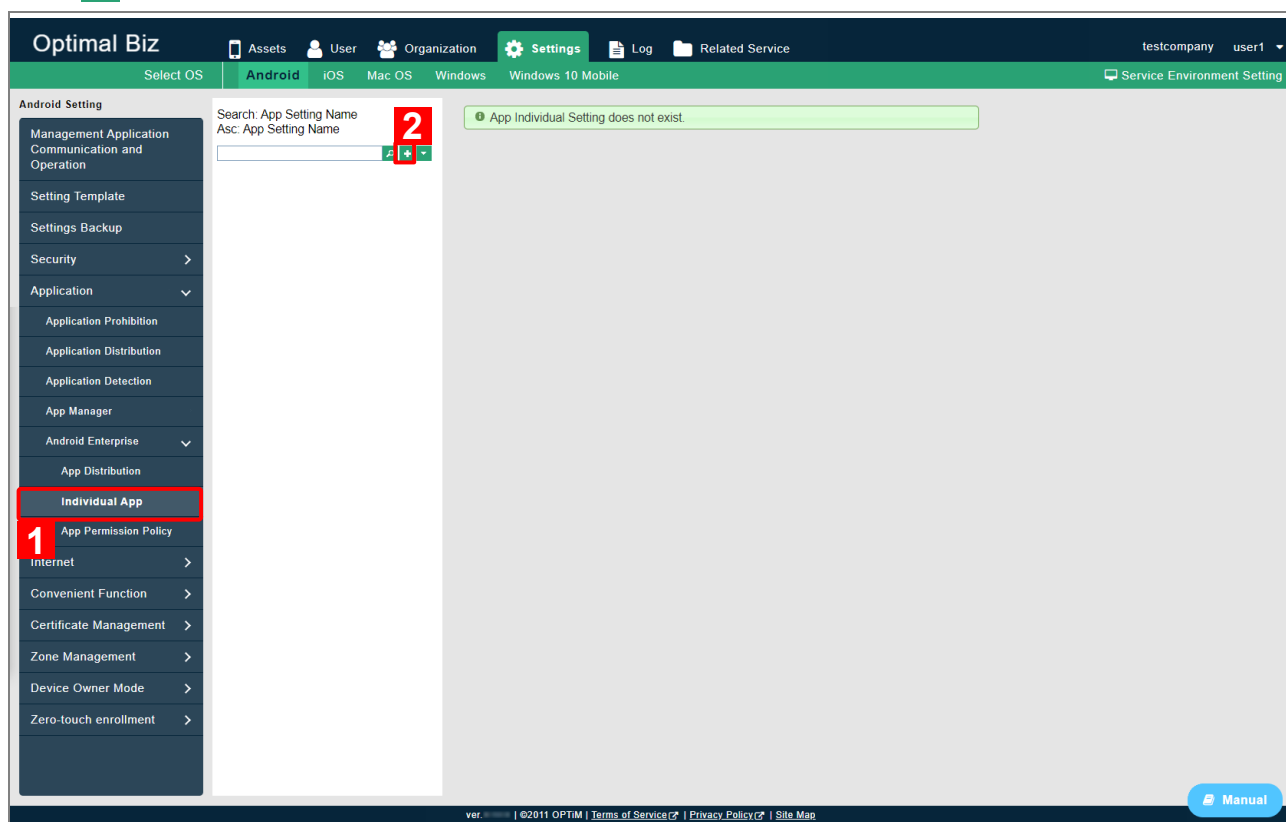
2.5.1 Creating an app individual setting

From "Individual App", create a configuration set that registers apps to be installed (App Individual Setting).

 You cannot set more than one app to one configuration set.

[1] Click [Settings]→[Android]→[Application]→[Android Enterprise]→[Individual App].

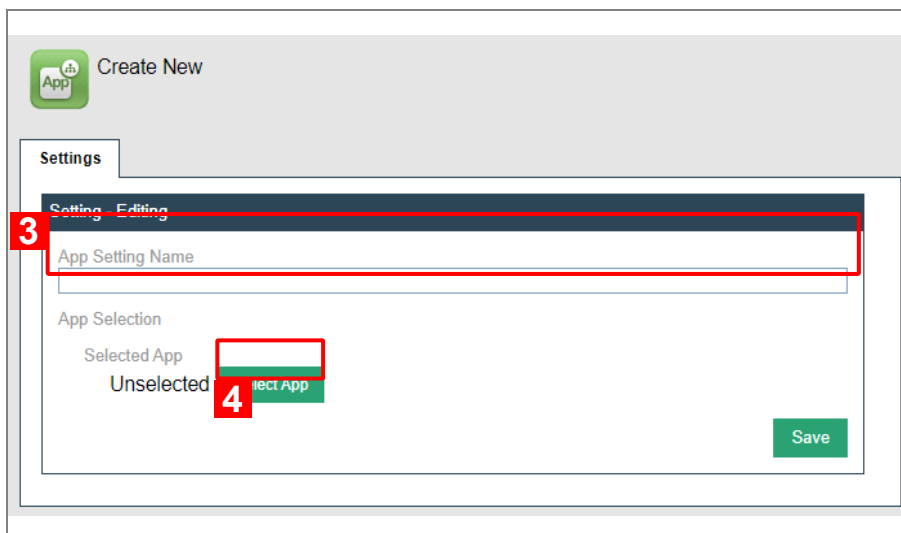
[2] Click .



[3] Enter an arbitrary name in "App Setting Name".

[4] Click [Select App].

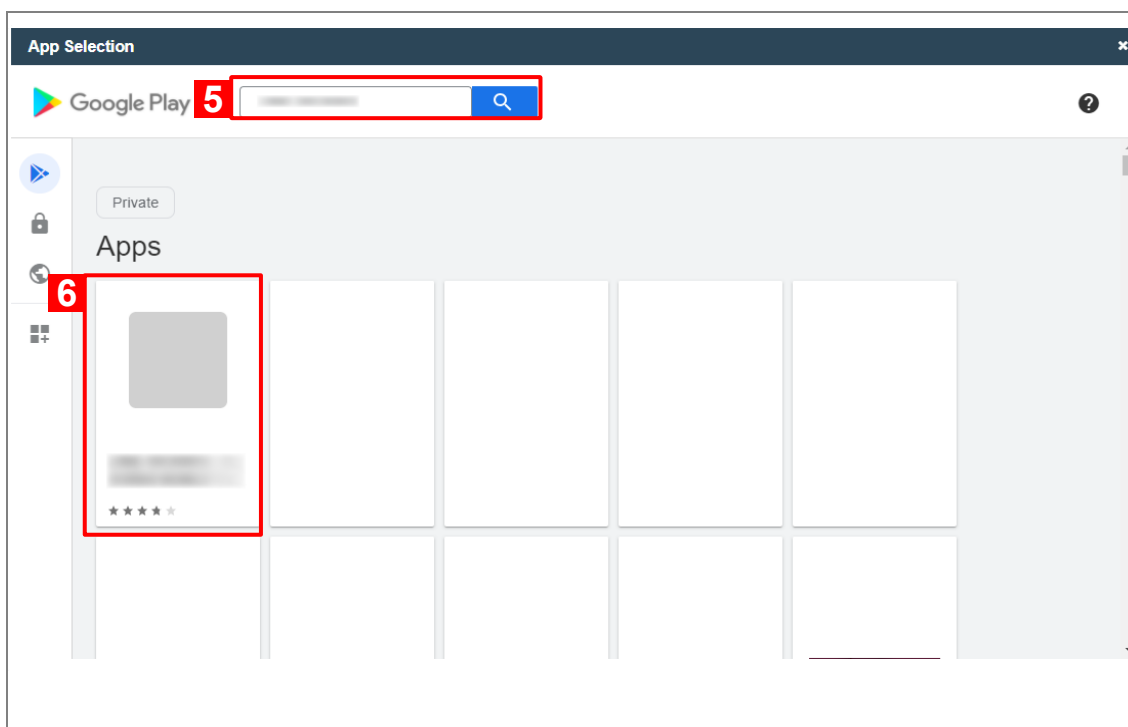
⇒ The "App Selection" screen of the managed Google Play store is displayed.



[5] Search for the app you want to install.

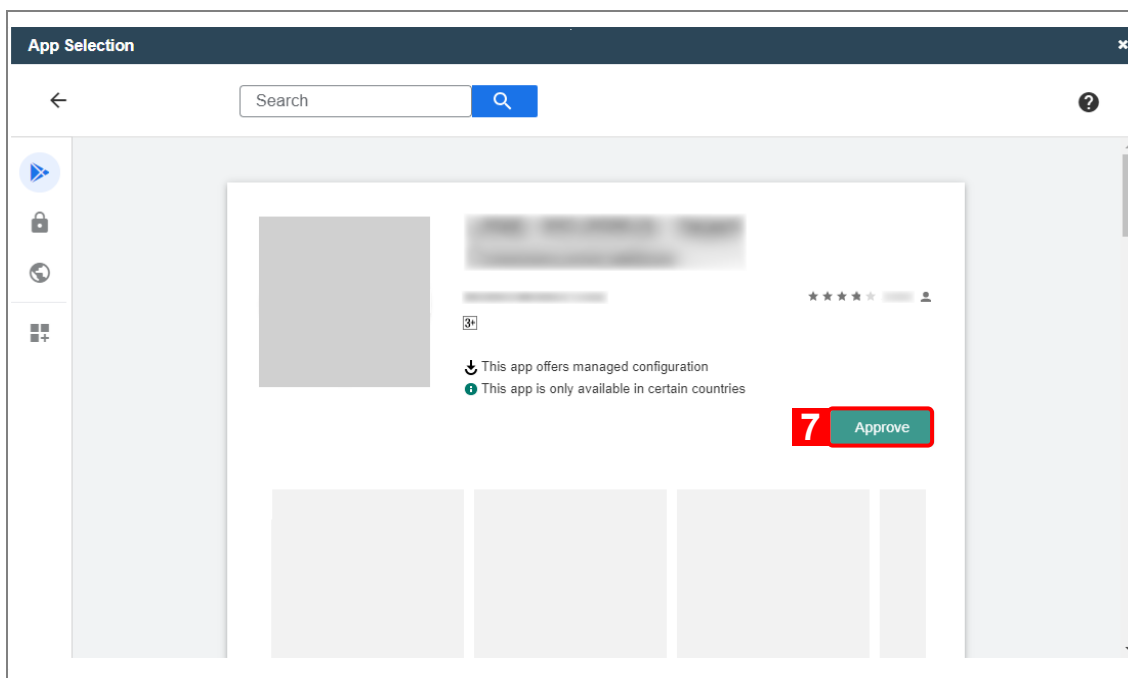
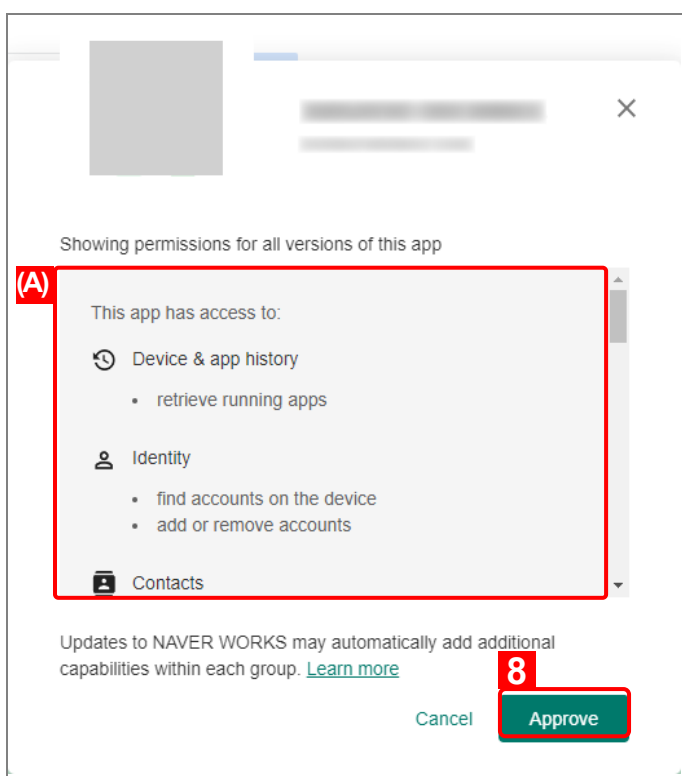
⇒ Search results will be displayed.

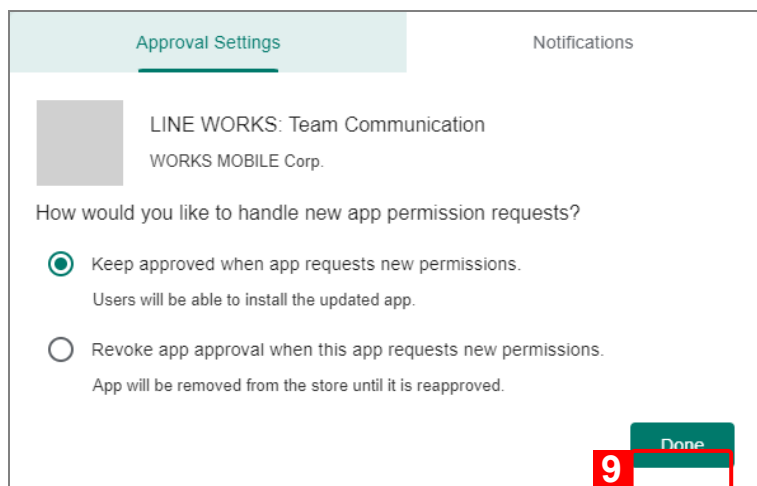
[6] Click the app.



【7】 Click [Approve].

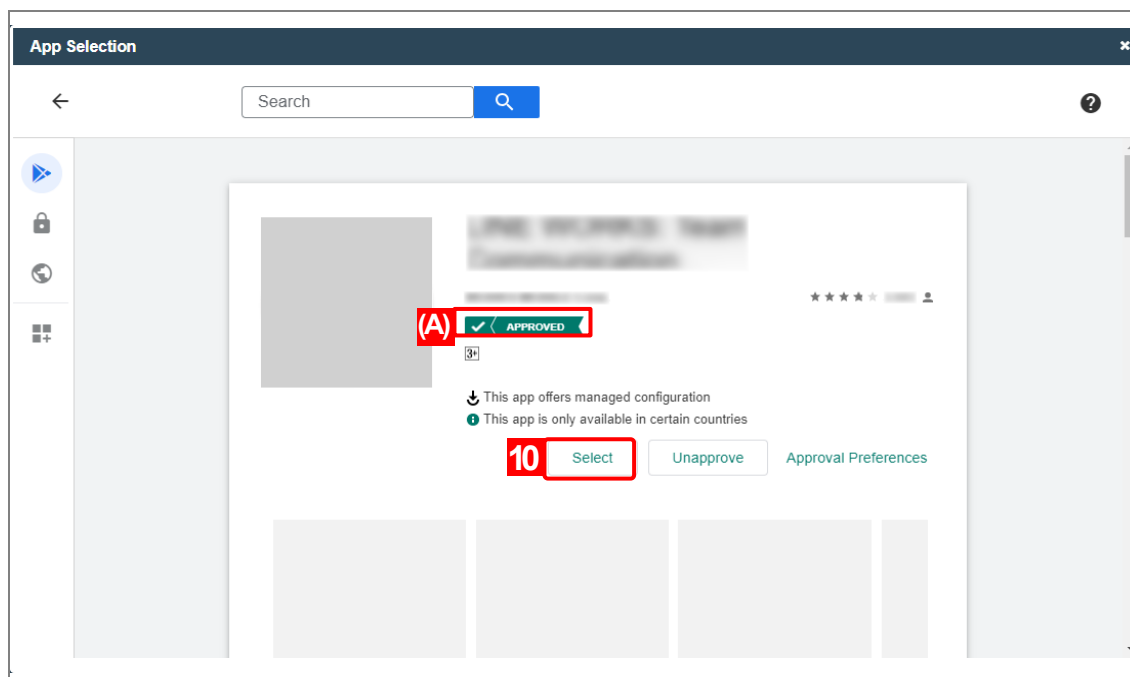
✎ If the app has already been approved, [Approve] will not appear. Continue with step 【10】 .

**【8】 Check permissions (A), and click [Approve].**

[9] Click [Done].**[10] Click [Select].**

⇒ The "App Selection" screen of the managed Google Play store will close.

✍️ An approved app shows the mark (A).



[11] Click [Save].

⇒ An app individual setting is created.

☑ Selected App (A) shows the package name of the app.

Create New

Settings

Setting - Editing

App Setting Name

(A) Selection
Selected App

Select App

11 Save

[12] Click [Edit].

App

Settings

App Setting Name

App

App Name

Product ID

Development

Setting

Runtime Permission
Default

App Configuration
Not Configured

Use the old app configuration
Not Use

12 Edit

[13] Click [Not Configured] under "App Configuration".

Setting - Editing

Runtime Permission

☒ Default
 ☐ Individual Setting

Permission Name	Allow
android.permission.ACCESS_COARSE_LOCATION	Default ▾
android.permission.ACCESS_FINE_LOCATION	Default ▾
android.permission.CALL_PHONE	Default ▾
android.permission.CAMERA	Default ▾
android.permission.GET_ACCOUNTS	Default ▾
android.permission.READ_CONTACTS	Default ▾
android.permission.READ_EXTERNAL_STORAGE	Default ▾
android.permission.READ_PHONE_STATE	Default ▾
android.permission.RECORD_AUDIO	Default ▾
android.permission.WRITE_CONTACTS	Default ▾
android.permission.WRITE_EXTERNAL_STORAGE	Default ▾

App Configuration

Not Configured

13

The following wild cards can be used.
 %email_address%: User's E-mail Address
 %user_name%: User Name

⚠ When you create, update, or delete an app configuration, the settings in the middle of editing are saved.

Use the old app configuration ☐

There is no setting in the target app.


Cancel

Save

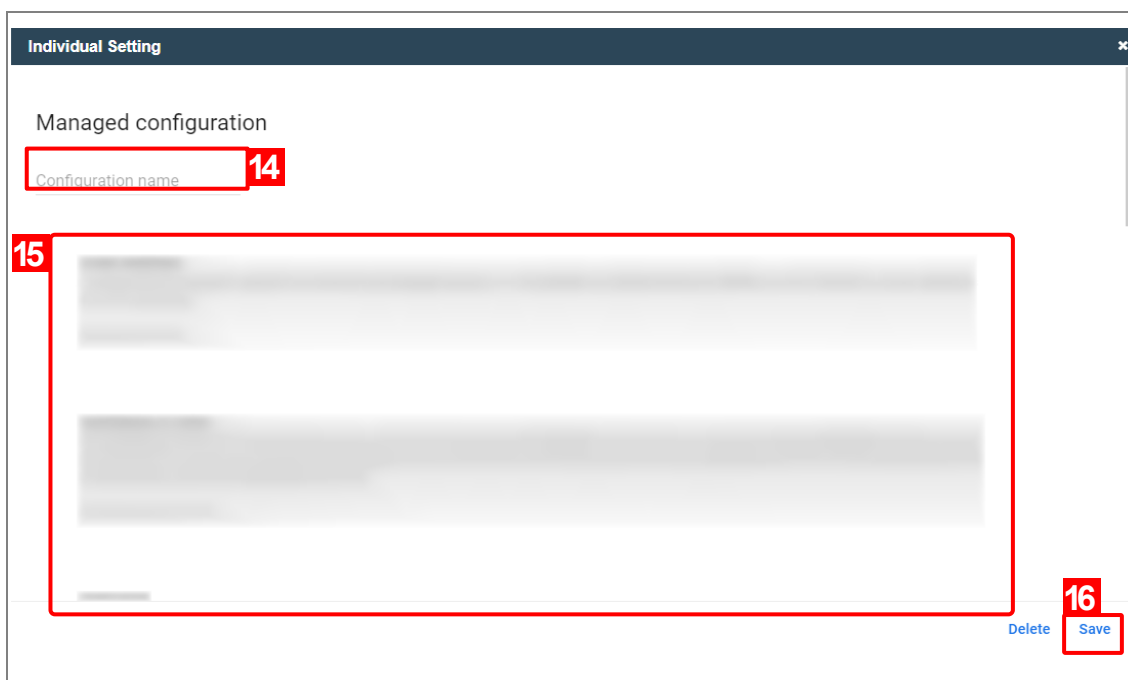
[14] Enter an arbitrary name in "Configuration name".

[15] Enter the settings you want to add to the app.

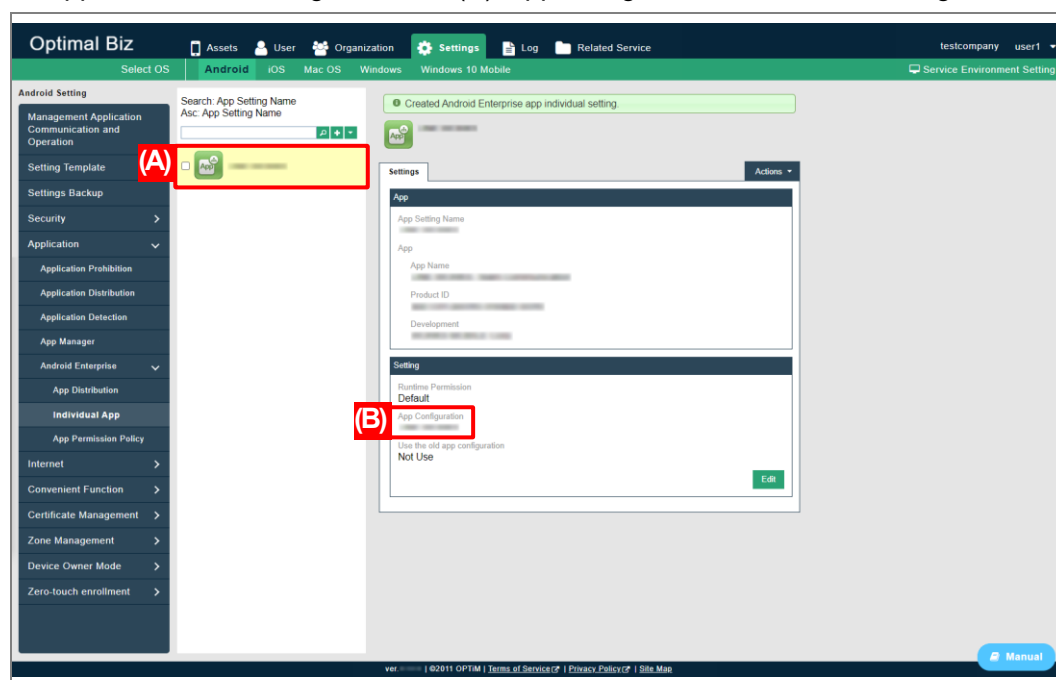
 The settings you can add vary by app. For details, contact the app developer.

 For some apps, you can use the wildcards "\$username\$" and "\$emailaddress\$" as settings for two pieces of user data that are set in the management site, "Name" and "Email Address", respectively. These wildcards allow you to automatically set a user name and e-mail address for each user when he/she installs an app such as an e-mail app.

[16] Click [Save].



⇒ An app distribution setting is created (A). App configuration reflects the setting name entered in [14] .

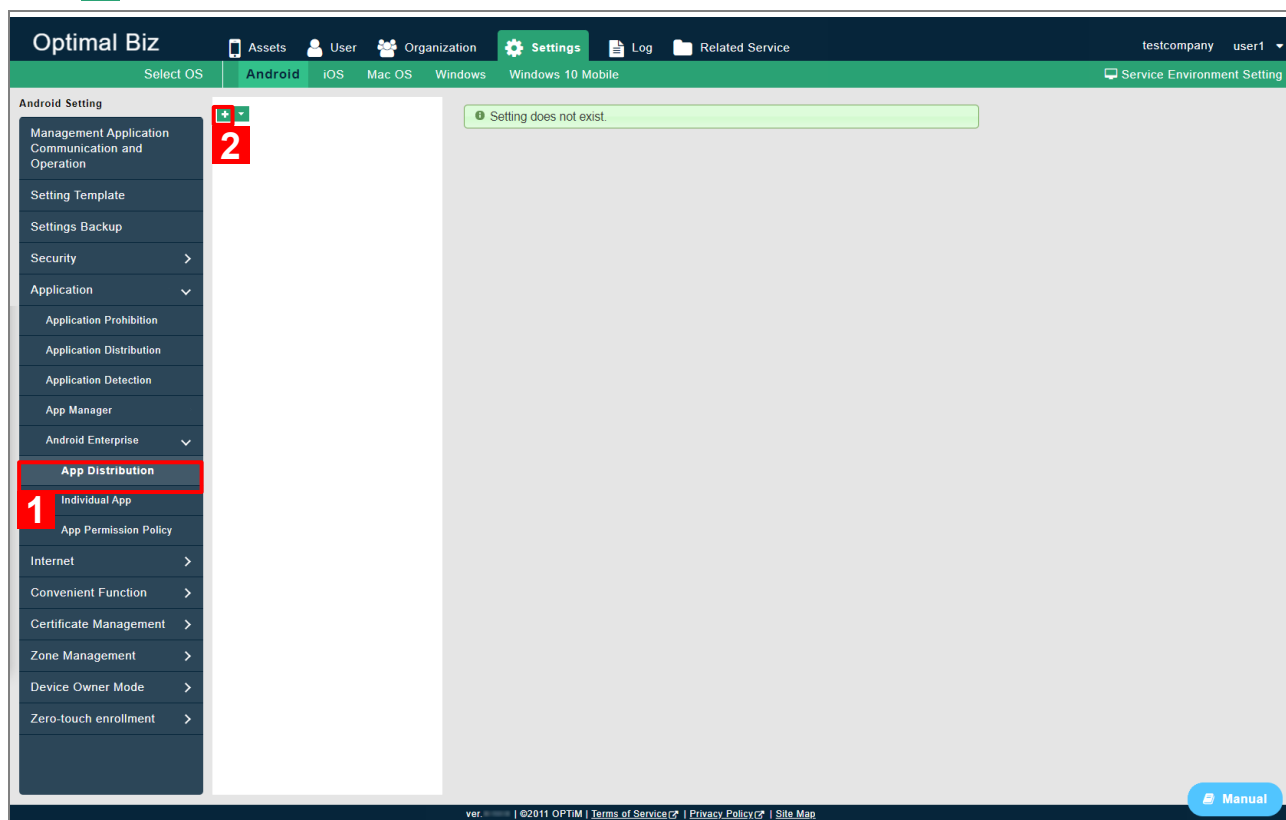


2.5.2 Creating an app distribution setting

From "App Distribution", create a configuration set that combines app individual settings (App Distribution Settings) using the following steps.

[1] Click [Settings]→[Android]→[Application]→[Android Enterprise]→[App Distribution].

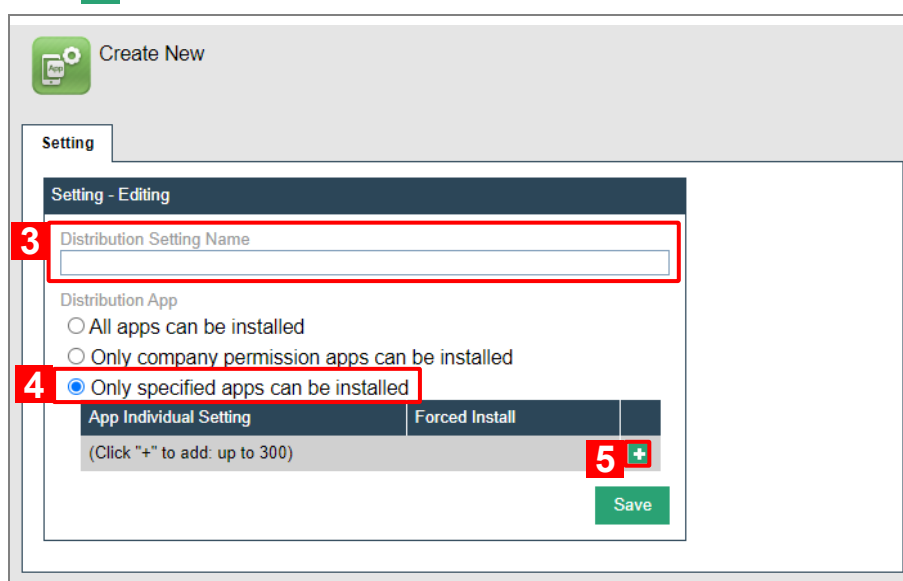
[2] Click .



[3] Enter an arbitrary name in "Distribution Setting Name".

[4] Select "Only specified apps can be installed".

[5] Click .



- [6]** From the pull-down menu of "App Individual Setting", specify the app setting name you set in step **[3]** of "Creating an app individual setting".
- [7]** Click [Save].

Create New

Setting

Setting - Editing

Distribution Setting Name

Distribution App

☐ All apps can be installed

☐ Only company permission apps can be installed

☒ Only specified apps can be installed

6 App Individual Setting

Forced Install

☐ Execute

(Click "+" to add: up to 300)

7 Save

⇒ An app distribution setting is created (A).

Optimal Biz

Assets User Organization Settings Log Related Service

Select OS Android iOS Mac OS Windows Windows 10 Mobile

Service Environment Setting

Android Setting

Management Application Communication and Operation

(A)

Setting Template

Settings Backup

Security

Application

Application Prohibition

Application Distribution

Application Detection

App Manager

Android Enterprise

App Distribution

Individual App

App Permission Policy

Internet

Convenient Function

Certificate Management

Zone Management

Device Owner Mode

Zero-touch enrollment

Created setting

Setting

Distribution Setting Name

Distribution App

Only specified apps can be installed

App Individual Setting	Forced Install	Approval State
Do not execute	Approved	


Edit

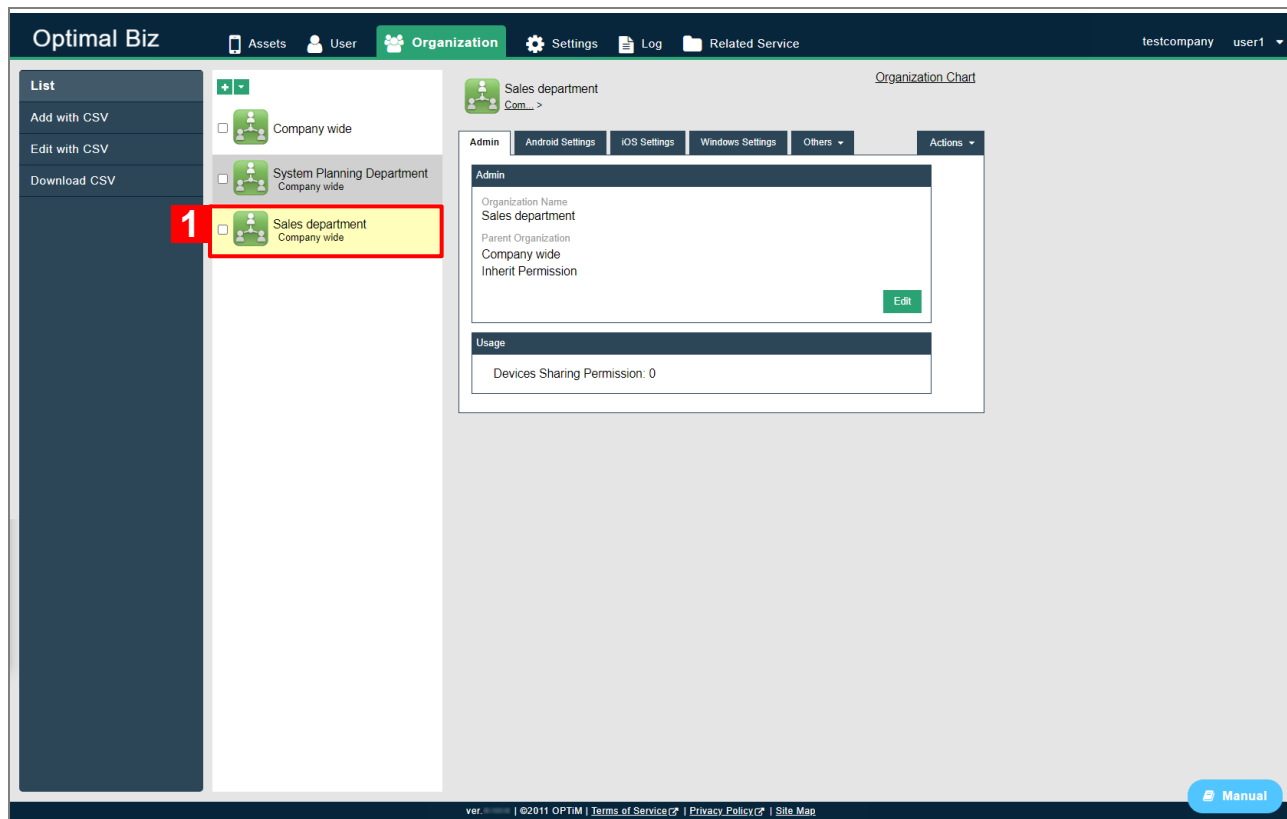
Manual

2.5.3 Allocating an app distribution setting to an organization (a user).


Use the following procedure to allocate an app distribution setting to an organization (a user).

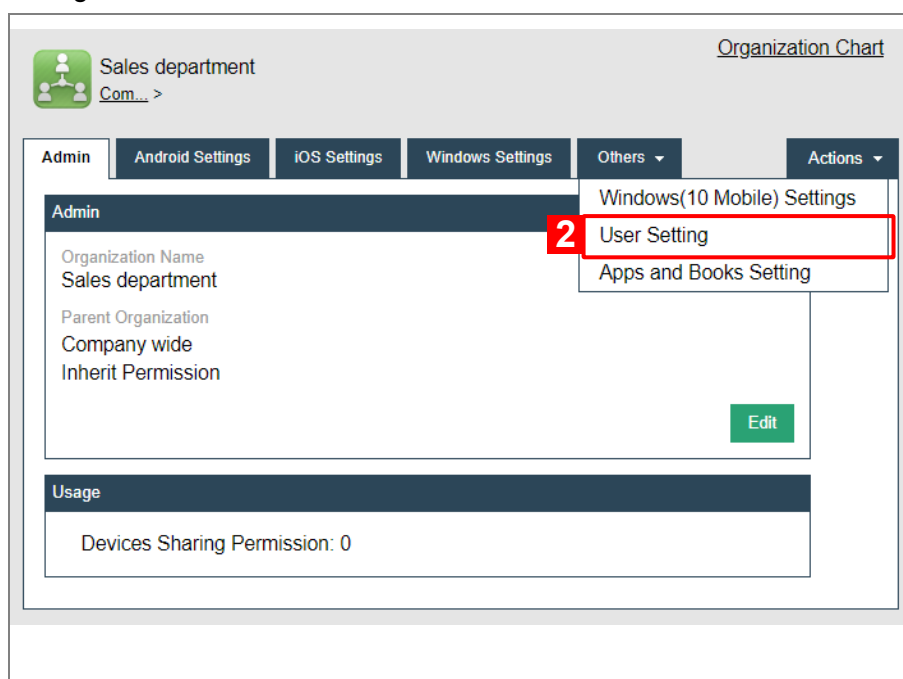
[1] Go to [Organization]→[List], and select a target organization from the list.

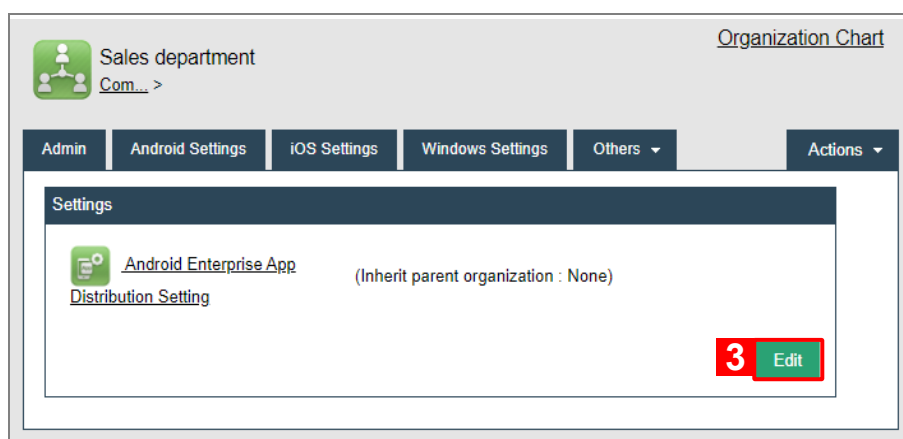
 If you want to allocate a setting to a user, go to [User]→[List], and select a target user from the list.



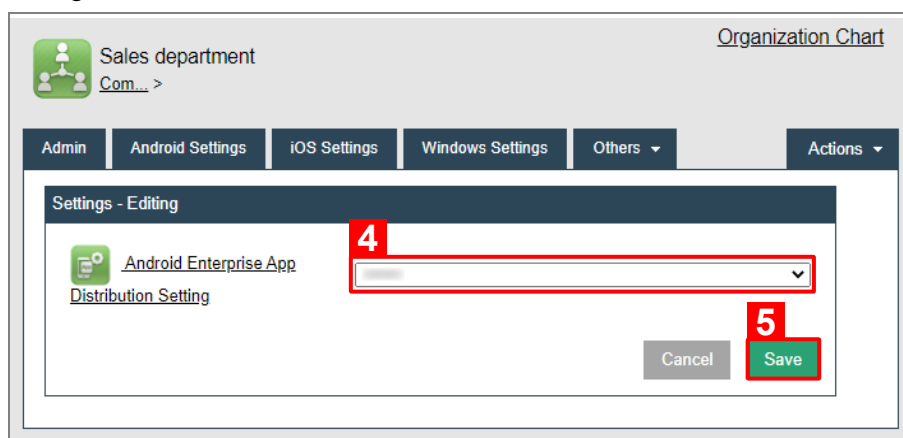
[2] Click the [Others ▼] tab→[User Setting].

 If you want to allocate settings to a user, select the [Others ▼] tab→[Settings] when selecting a target user.



[3] Click [Edit].**[4] From the pull-down menu, specify the distribution setting name you set in step [3] of "Creating an app distribution setting".****[5] Click [Save].**

⇒ With "App Configuration", the app distribution setting for distributing apps will be allocated to the organization.



2.5.4 Allocating a user to the device

Use the following steps to allocate a user to the device to which apps will be installed, and perform a sync. After performing these steps, you can install the app on the device.

[1] Go to [Assets]→[List], and select a target device from the list.

[2] Click [Edit admin information].

The screenshot displays the Optimal Biz web application interface. The top navigation bar includes 'Assets', 'User', 'Organization', 'Settings', 'Log', and 'Related Service'. The left sidebar contains a 'List' menu with options like 'Network Map', 'Authentication Procedure', and 'Download CSV'. The main content area is titled 'Assets' and shows a table of 14 devices. A red box labeled '1' highlights a row in the table. The right sidebar contains a 'Settings' section with buttons for 'Setting Allocation' and 'Setting Template Allocation', and an 'Actions' section with buttons for 'Change screen lock password' and 'Remote Lock'. A red box labeled '2' highlights the 'Edit admin information' button in the right sidebar.

Asset Name	OS	Phone Number	User	Organization	Communication Date	Details
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	about 2 years ago	[Details]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	27 days ago	[Details]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	19 days ago	[Details]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	about 4 years ago	[Details]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	about 1 month ago	[Details]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	about 1 hour ago	[Details]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	for over 2 years ago	[Details]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	almost 2 years ago	[Details]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	almost 2 years ago	[Details]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	about 1 year ago	[Details]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	for over a year ago	[Details]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	about 2 years ago	[Details]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	about 1 year ago	[Details]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	almost 2 years ago	[Details]

- [3]** Select "User" in "Division", and specify the user you selected in step **[1]** of "Linking a user with an organization" from the pull-down menu.
- [4]** Click [Save].

Optimal Biz

Assets

Search Condition:

1 / 1 Page (14 Devices)

Asset Name	OS	Phone Number	User	Organization	Communication Date	Details
[Asset Name]	[OS]	[Phone Number]	[User]	[Organization]	about 2 years ago	[Details]
[Asset Name]	[OS]	[Phone Number]	[User]	[Organization]	27 days ago	[Details]
[Asset Name]	[OS]	[Phone Number]	[User]	[Organization]	19 days ago	[Details]
[Asset Name]	[OS]	[Phone Number]	[User]	[Organization]	about 4 years ago	[Details]
[Asset Name]	[OS]	[Phone Number]	[User]	[Organization]	about 1 month ago	[Details]
[Asset Name]	[OS]	[Phone Number]	[User]	[Organization]	about 1 hour ago	[Details]
[Asset Name]	[OS]	[Phone Number]	[User]	[Organization]	for over 2 years ago	[Details]
[Asset Name]	[OS]	[Phone Number]	[User]	[Organization]	almost 2 years ago	[Details]
[Asset Name]	[OS]	[Phone Number]	[User]	[Organization]	almost 2 years ago	[Details]
[Asset Name]	[OS]	[Phone Number]	[User]	[Organization]	about 1 year ago	[Details]
[Asset Name]	[OS]	[Phone Number]	[User]	[Organization]	for over a year ago	[Details]
[Asset Name]	[OS]	[Phone Number]	[User]	[Organization]	about 2 years ago	[Details]
[Asset Name]	[OS]	[Phone Number]	[User]	[Organization]	about 1 year ago	[Details]
[Asset Name]	[OS]	[Phone Number]	[User]	[Organization]	almost 2 years ago	[Details]

Management Information

Communication Date: 27 Aug 2021 09:11:59

Asset Name

Division

User

Organization

Note

Save

Cancel

- [5]** Click [Sync].
- [6]** Click [OK].

⇒ The app will be distributed to the device's Play store. The rest of the steps are carried out on the destination device.

Optimal Biz

Assets

Search Condition:

1 / 1 Page (14 Devices)

Asset Name	OS	Phone Number	User	Organization	Communication Date	Details
[Asset Name]	[OS]	[Phone Number]	[User]	[Organization]	about 2 years ago	[Details]
[Asset Name]	[OS]	[Phone Number]	[User]	[Organization]	27 days ago	[Details]
[Asset Name]	[OS]	[Phone Number]	[User]	[Organization]	19 days ago	[Details]
[Asset Name]	[OS]	[Phone Number]	[User]	[Organization]	about 4 years ago	[Details]
[Asset Name]	[OS]	[Phone Number]	[User]	[Organization]	about 1 month ago	[Details]
[Asset Name]	[OS]	[Phone Number]	[User]	[Organization]	about 1 hour ago	[Details]
[Asset Name]	[OS]	[Phone Number]	[User]	[Organization]	for over 2 years ago	[Details]
[Asset Name]	[OS]	[Phone Number]	[User]	[Organization]	almost 2 years ago	[Details]
[Asset Name]	[OS]	[Phone Number]	[User]	[Organization]	almost 2 years ago	[Details]
[Asset Name]	[OS]	[Phone Number]	[User]	[Organization]	about 1 year ago	[Details]
[Asset Name]	[OS]	[Phone Number]	[User]	[Organization]	for over a year ago	[Details]
[Asset Name]	[OS]	[Phone Number]	[User]	[Organization]	about 2 years ago	[Details]
[Asset Name]	[OS]	[Phone Number]	[User]	[Organization]	about 1 year ago	[Details]
[Asset Name]	[OS]	[Phone Number]	[User]	[Organization]	almost 2 years ago	[Details]

Sync will start. Depending on device, it may take significant amount of time until the setting is applied. Click on [OK] button to proceed.

OK

Cancel

Management Information

Communication Date: 27 Aug 2021 09:11:59

Asset Name

OS

Phone Number

User

Organization

Note

Edit admin information

Setting Allocation

Setting Template Allocation

Show other settings

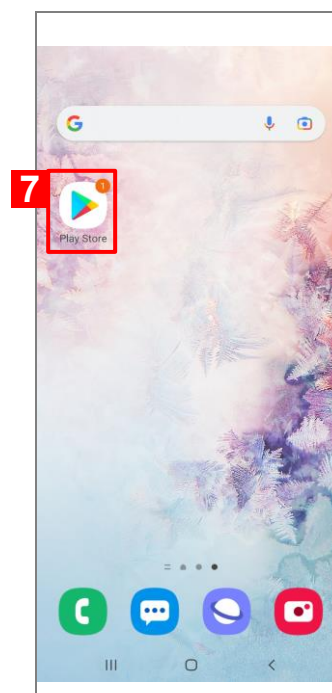
Change screen lock password

Remote Lock

Show other operations

Information

[7] Tap [Play Store].



[8] Tap the app.

⇒ Tapping it will start installing the app. Wait until an app icon appears on the device's screen.




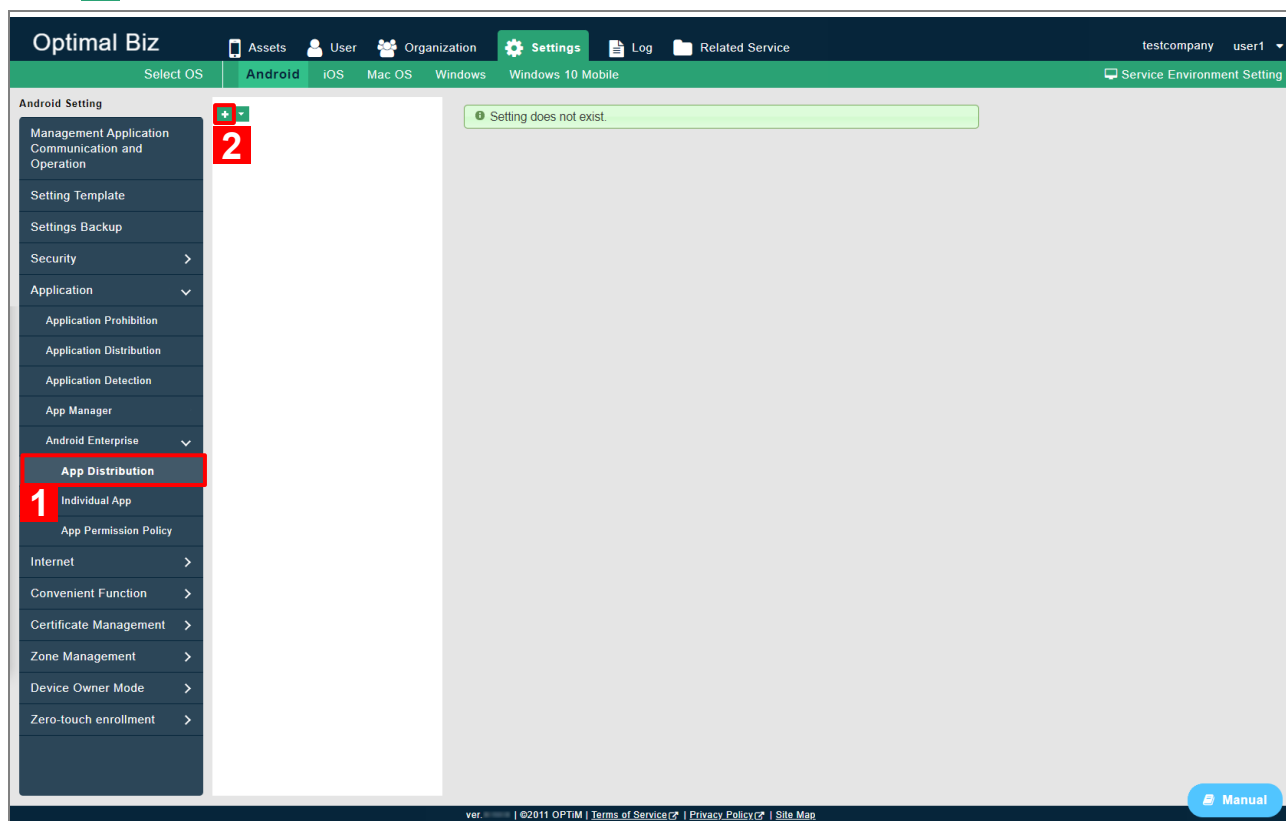
2.6 Allowing all apps to be installed

To allow all apps published in the Play store to be installed on your device, carry out the following steps.

2.6.1 Creating an app distribution setting

Create an app distribution setting from "App Distribution" using the following steps.

- [1]** Click [Settings]→[Android]→[Application]→[Android Enterprise]→[App Distribution].
- [2]** Click .



- [3]** Enter an arbitrary name in "Distribution Setting Name".
- [4]** Select "All apps can be installed".
- [5]** Click [Save].

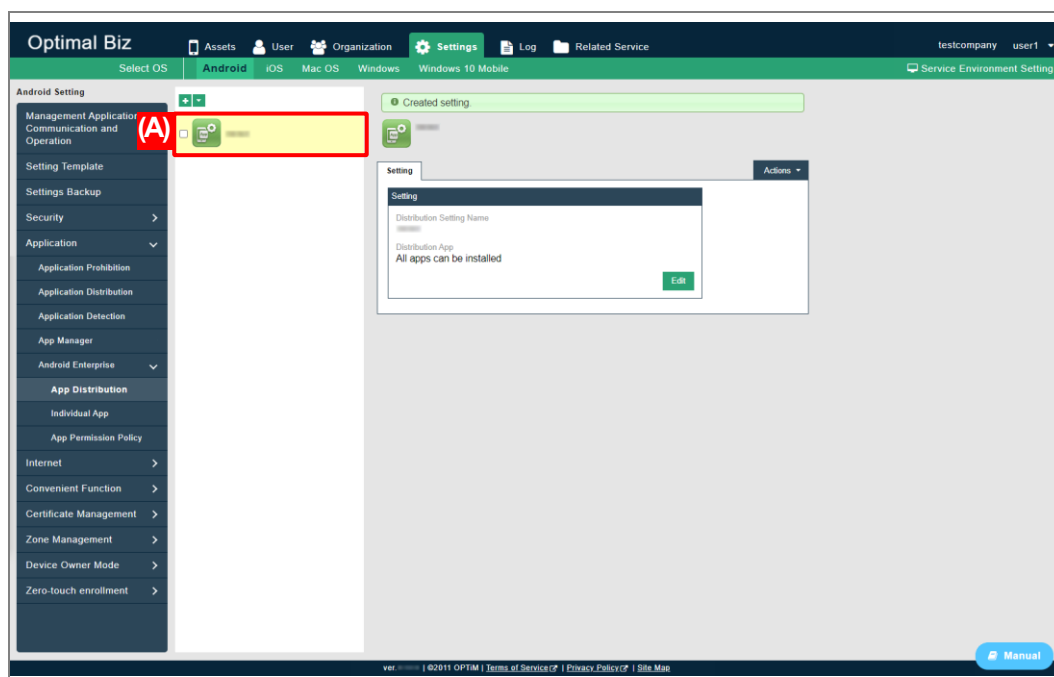
Setting - Editing

3 Distribution Setting Name

4 ☒ All apps can be installed
☐ Only company permission apps can be installed
☐ Only specified apps can be installed

5 Save


⇒ An app distribution setting is created (A).

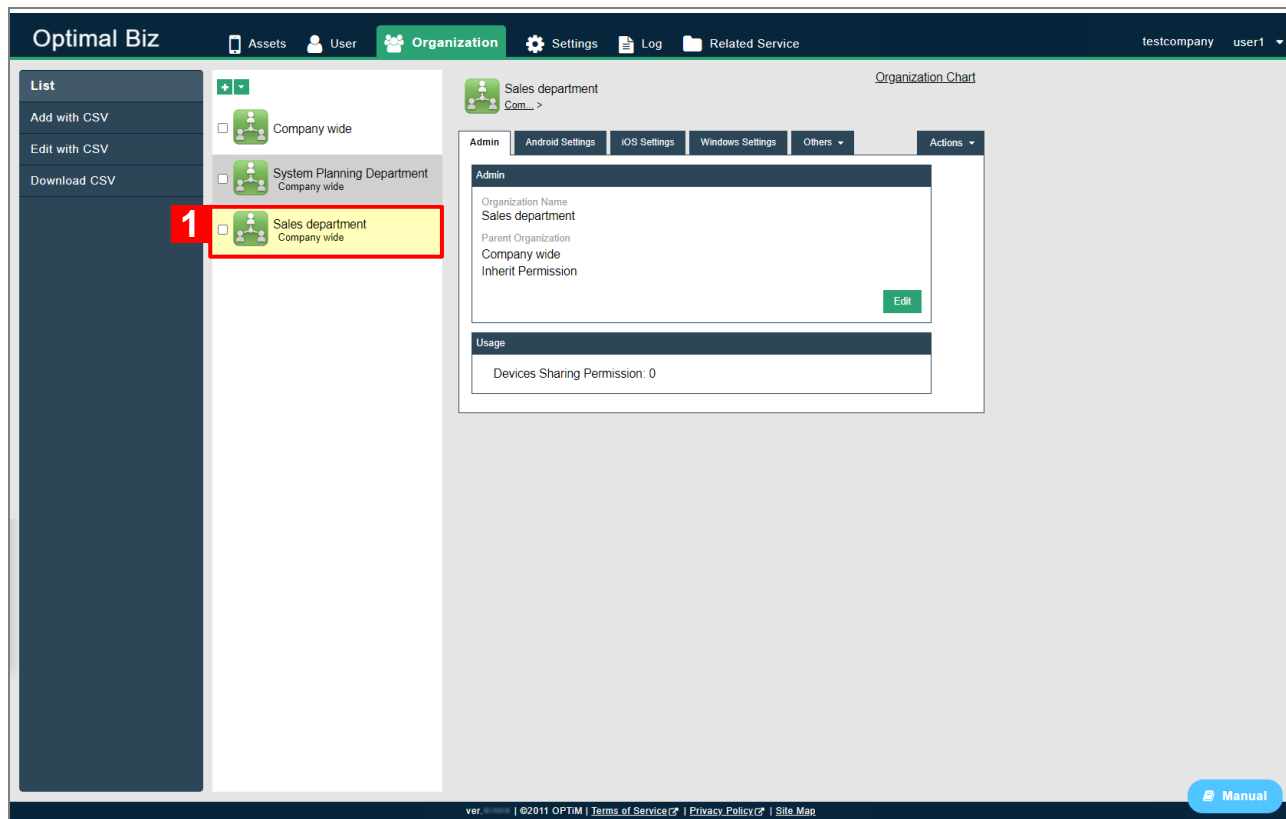


2.6.2 Allocating an app distribution setting to an organization (a user).


Use the following procedure to allocate an app distribution setting to an organization (a user).

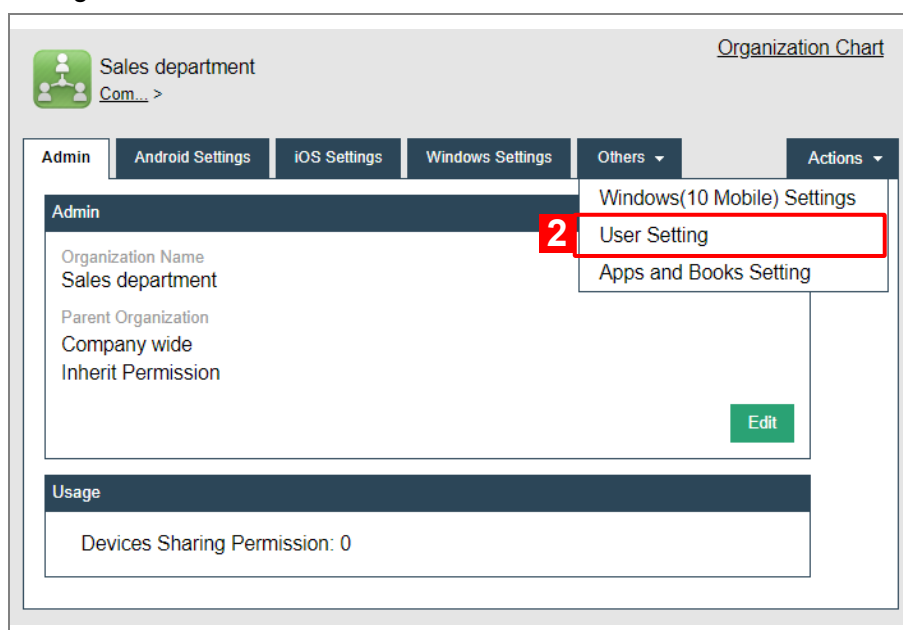
[1] Go to [Organization]→[List], and select a target organization from the list.

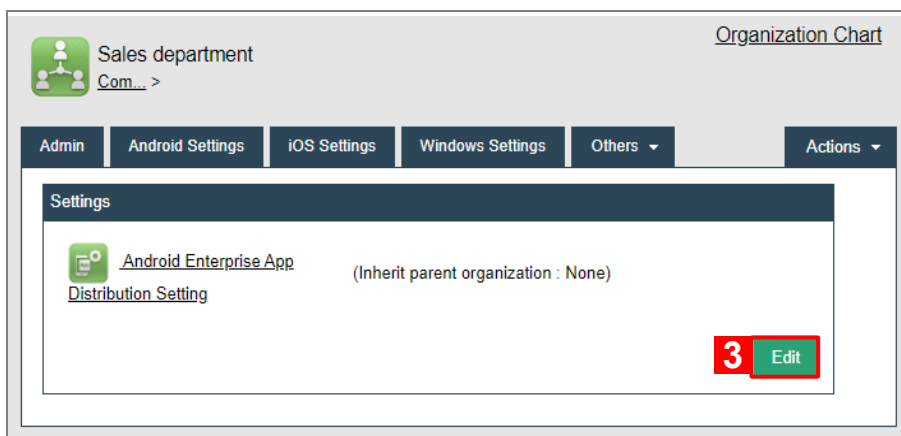
 If you want to allocate a setting to a user, go to [User]→[List], and select a target user from the list.



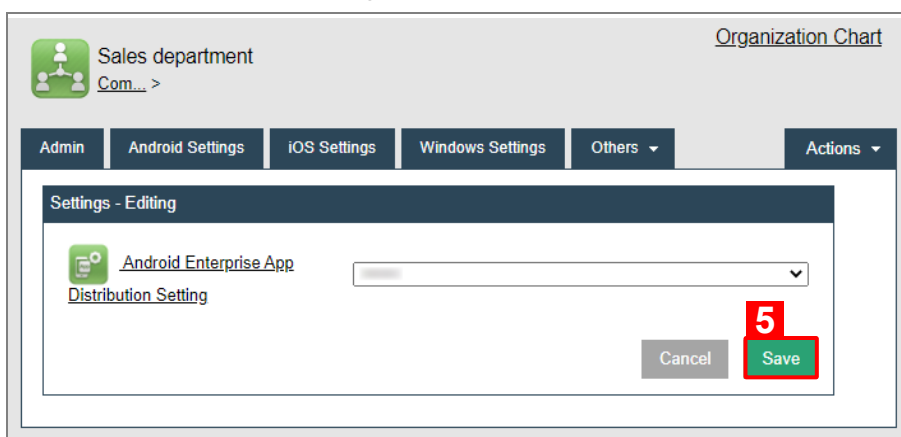
[2] Click the [Others ▼] tab→[User Setting].

 If you want to allocate settings to a user, select the [Others ▼] tab→[Settings] when selecting a target user.



[3] Click [Edit].**[4] From the pull-down menu, specify the distribution setting name you set in step [3] of "Creating an app distribution setting".****[5] Click [Save].**

⇒ The app distribution setting that allows all apps to be installed will be allocated to the organization.



2.6.3 Allocating a user to the device

Use the following steps to allocate a user to the device, and perform a sync. After performing these steps, you can install all apps on the device.

[1] Go to [Assets]→[List], and select a target device from the list.

[2] Click [Edit admin information].

The screenshot displays the Optimal Biz web interface. The top navigation bar includes 'Assets', 'User', 'Organization', 'Settings', 'Log', and 'Related Service'. The left sidebar contains a 'List' menu with options like 'Network Map', 'Authentication Procedure', and 'Download CSV'. The main area shows the 'Assets' list with a search bar and a table of 14 devices. A red box labeled '1' highlights a row in the table. The right sidebar shows the 'Edit admin information' button, which is highlighted with a red box labeled '2'. Below this button are sections for 'Settings' (including 'Setting Allocation' and 'Setting Template Allocation') and 'Actions' (including 'Change screen lock password' and 'Remote Lock').

Asset Name	OS	Phone Number	User	Organization	Communication Date	Details
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	about 2 years ago	[Details]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	27 days ago	[Details]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	19 days ago	[Details]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	about 4 years ago	[Details]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	about 1 month ago	[Details]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	about 1 hour ago	[Details]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	for over 2 years ago	[Details]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	almost 2 years ago	[Details]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	almost 2 years ago	[Details]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	about 1 year ago	[Details]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	for over a year ago	[Details]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	about 2 years ago	[Details]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	about 1 year ago	[Details]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	almost 2 years ago	[Details]

- [3]** Select "User" in "Division", and specify the user you selected in step **[1]** of "Linking a user with an organization" from the pull-down menu.
- [4]** Click [Save].

The screenshot shows the Optimal Biz interface. On the left is a sidebar with a 'List' menu. The main area is titled 'Assets' and contains a table with 14 devices. The table columns are Asset Name, OS, Phone Number, User, Organization, and Communication Date. On the right, the 'Management Information' sidebar is open, showing fields for Asset Name, Division (with a dropdown menu highlighted by a red box labeled '3'), Organization, and Note. At the bottom of this sidebar, there are 'Save' and 'Cancel' buttons, with the 'Save' button highlighted by a red box labeled '4'.

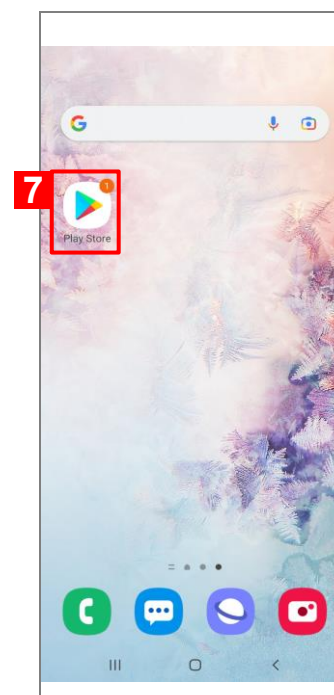
- [5]** Click [Sync].
- [6]** Click [OK].

⇒ The rest of the steps are carried out on the destination device.

This screenshot shows the same Optimal Biz interface, but with a sync confirmation dialog box in the center. The dialog says 'Sync will start. Depending on device, it may take significant amount of time until the setting is applied. Click on [OK] button to proceed.' and has 'OK' and 'Cancel' buttons. The 'OK' button is highlighted with a red box labeled '6'. In the 'Management Information' sidebar on the right, the 'Sync' button is highlighted with a red box labeled '5'. Below the dialog, the sidebar shows a green notification bar that says 'Changed asset information.' and various settings and actions buttons like 'Edit admin information', 'Setting Allocation', 'Setting Template Allocation', 'Change screen lock password', and 'Remote Lock'.

[7] Tap [Play Store], and select an app you want to install.

⇒ Tapping it will start installing the app.




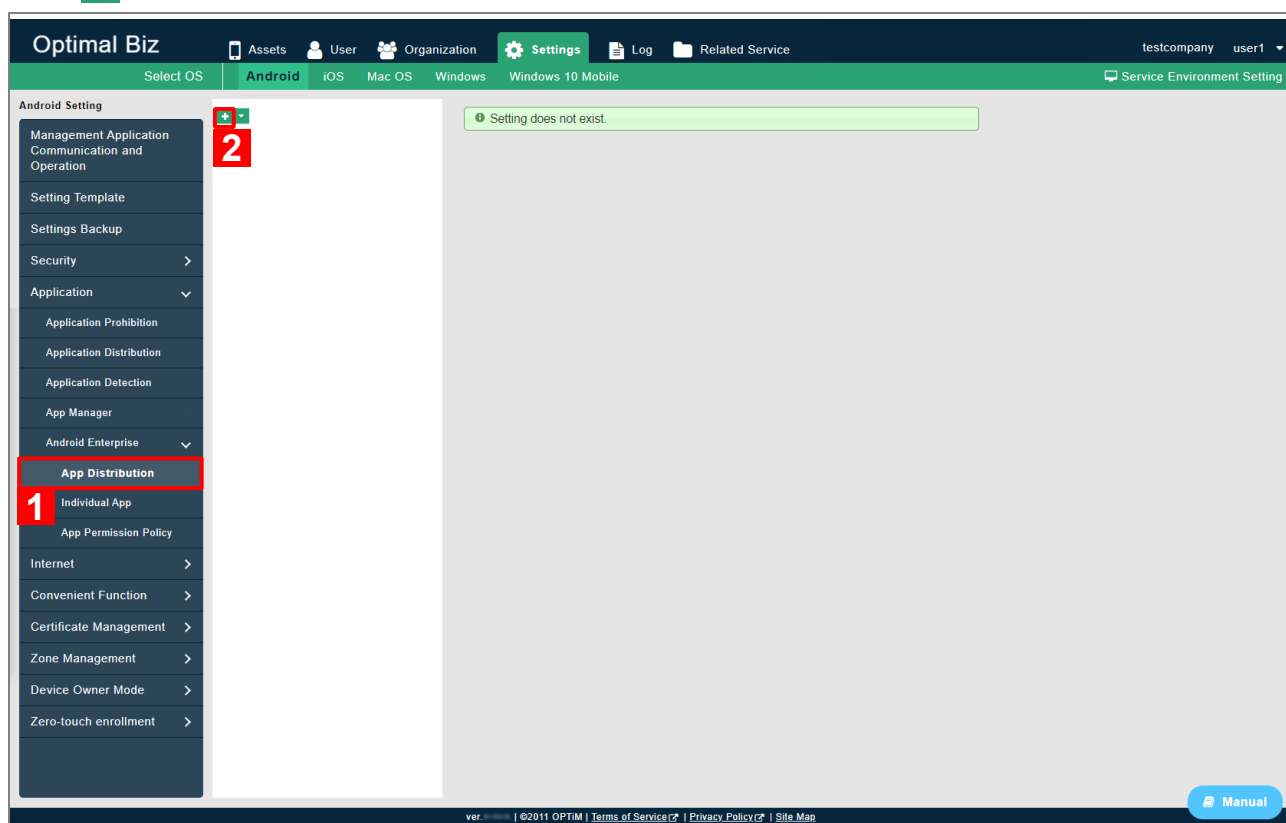
2.7 Allowing installation of only apps approved by the administrator

To ensure that only apps published to the managed Google Play store and approved by the administrator can be installed on the device, carry out the following steps.

2.7.1 Creating an app distribution setting

Create an app distribution setting from "App Distribution" using the following steps.

- [1]** Click [Settings]→[Android]→[Application]→[Android Enterprise]→[App Distribution].
- [2]** Click .



- [3]** Enter an arbitrary name in "Distribution Setting Name".
- [4]** Select "Only company permission apps can be installed".
- [5]** Click [Save].

Create New

Setting

Setting - Editing

3 Distribution Setting Name

Distribution App

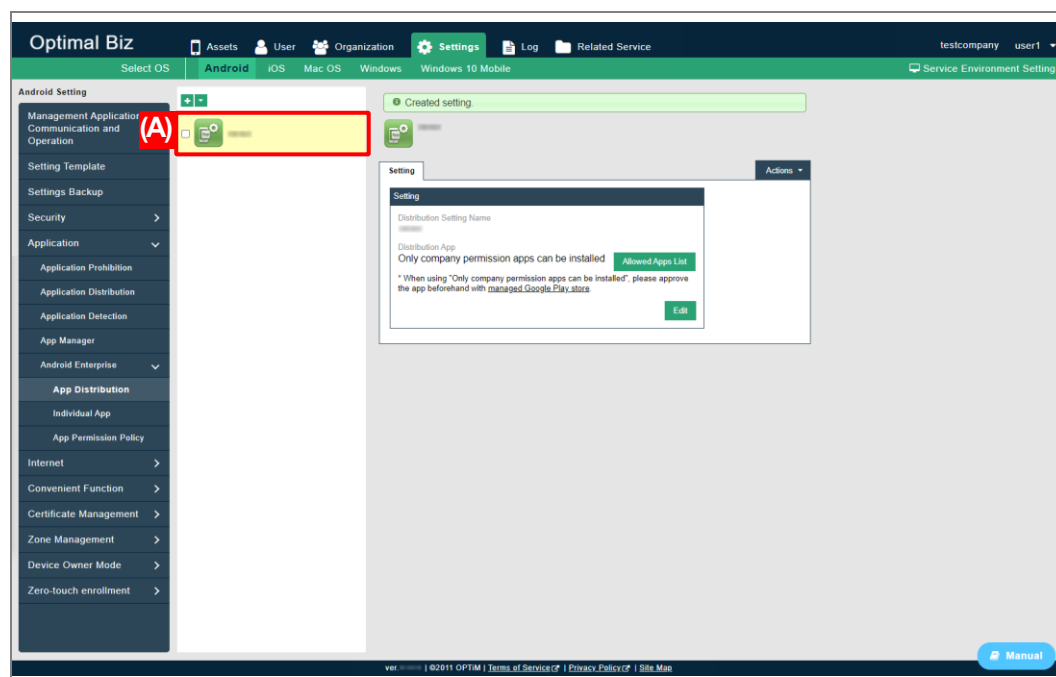
4 ☒ Only company permission apps can be installed

☐ Only specified apps can be installed

* When using "Only company permission apps can be installed", please approve the app beforehand with [managed Google Play store](#)

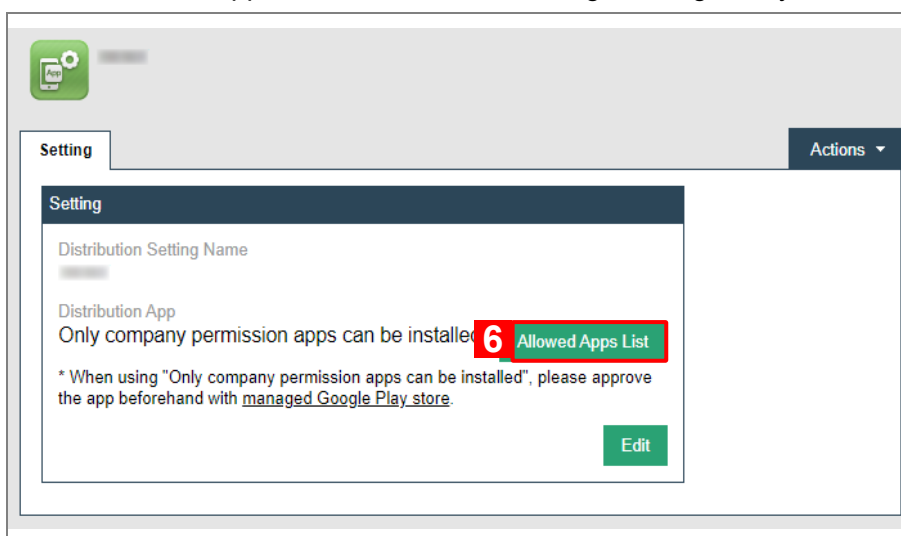
5 Save

⇒ An app distribution setting is created (A).

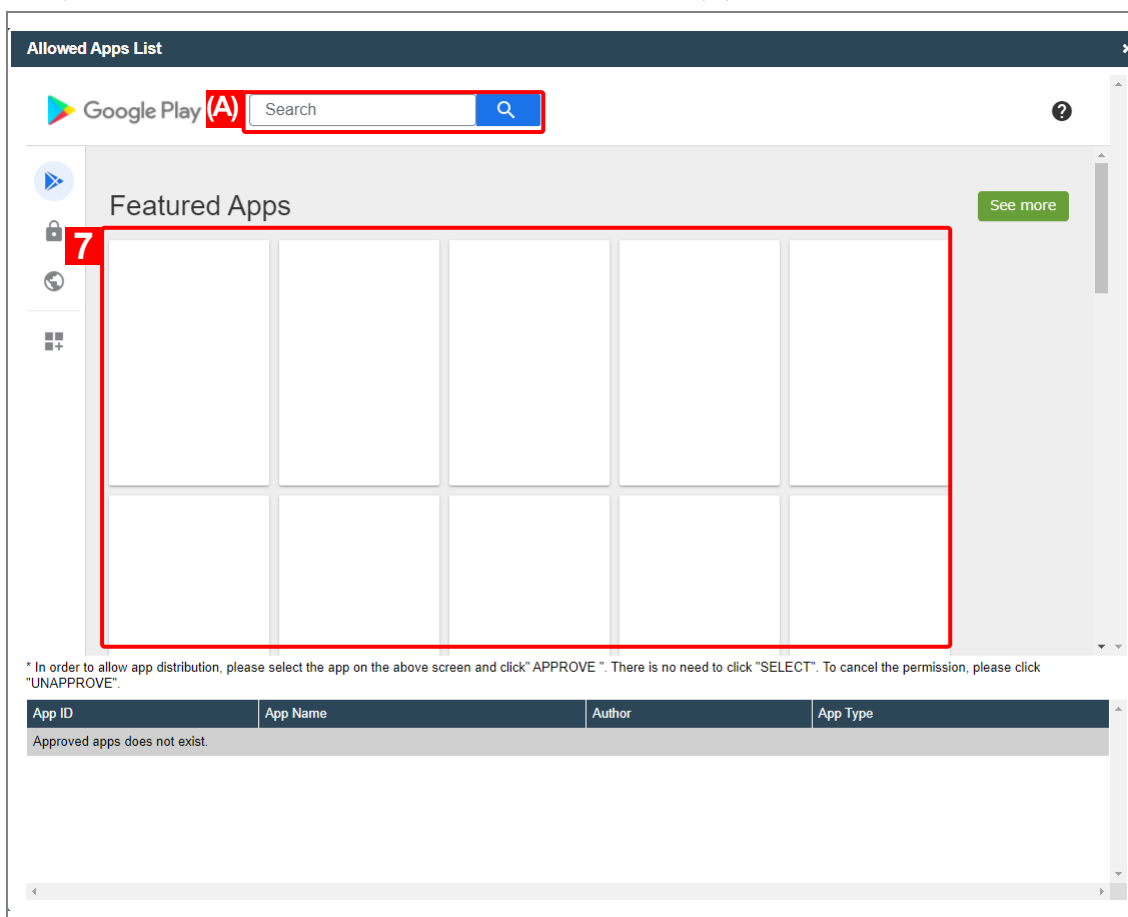


[6] Click [Allowed Apps List].

⇒ The "Allowed Apps List" screen of the managed Google Play store will be displayed.

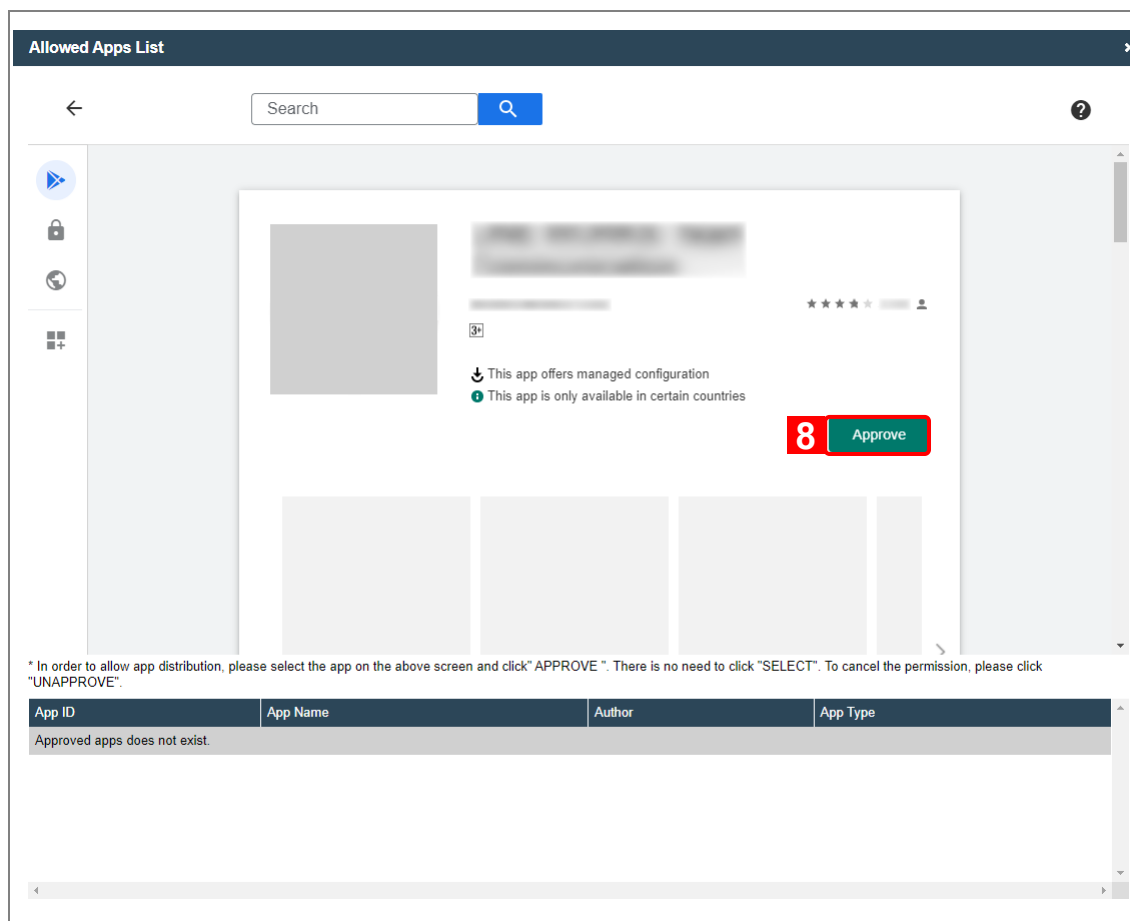
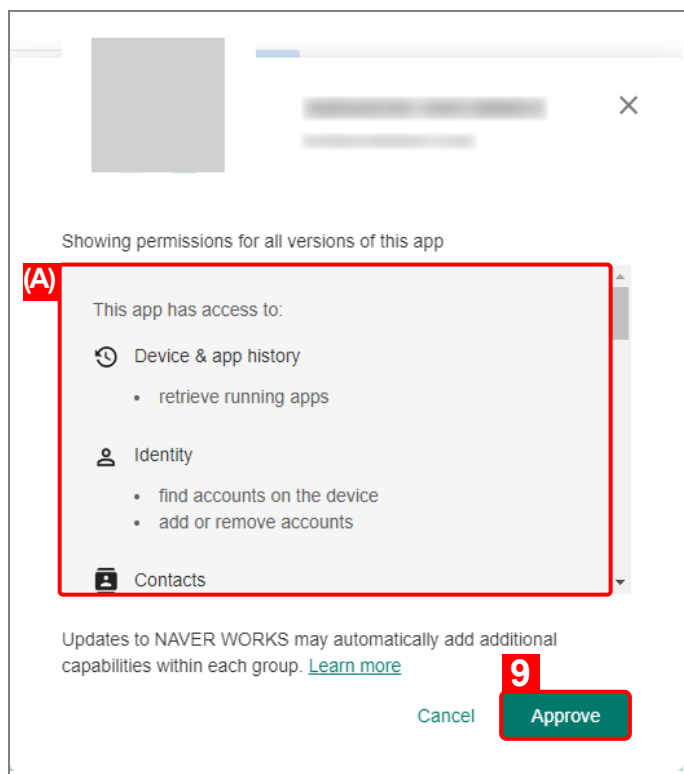
**[7] Select the apps that you will allow to be installed.**

🔍 If you do not see the app, search for it from "Search" (A).



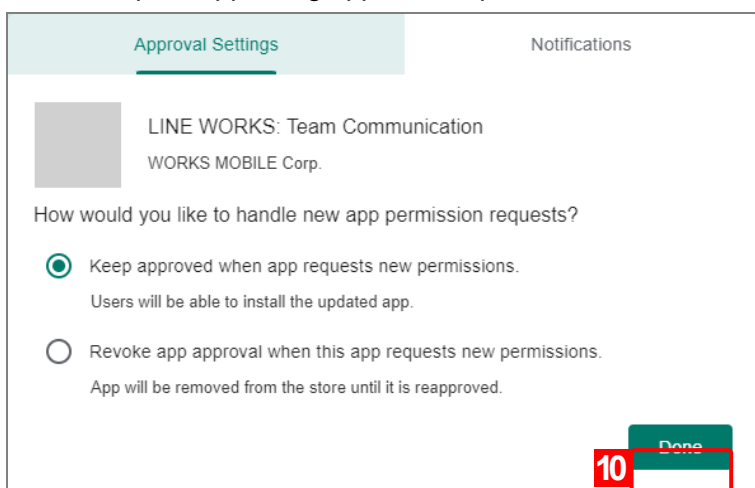
[8] Click [Approve].

✎ If the app has already been approved, [Approve] will not appear. Continue with step [11] .

**[9] Check permissions (A), and click [Approve].**

[10] Click [Done].

⇒ The step for approving apps is complete.

**[11] To add more apps that can be installed, click ← to return to the previous screen and repeat steps [7] to [10].**

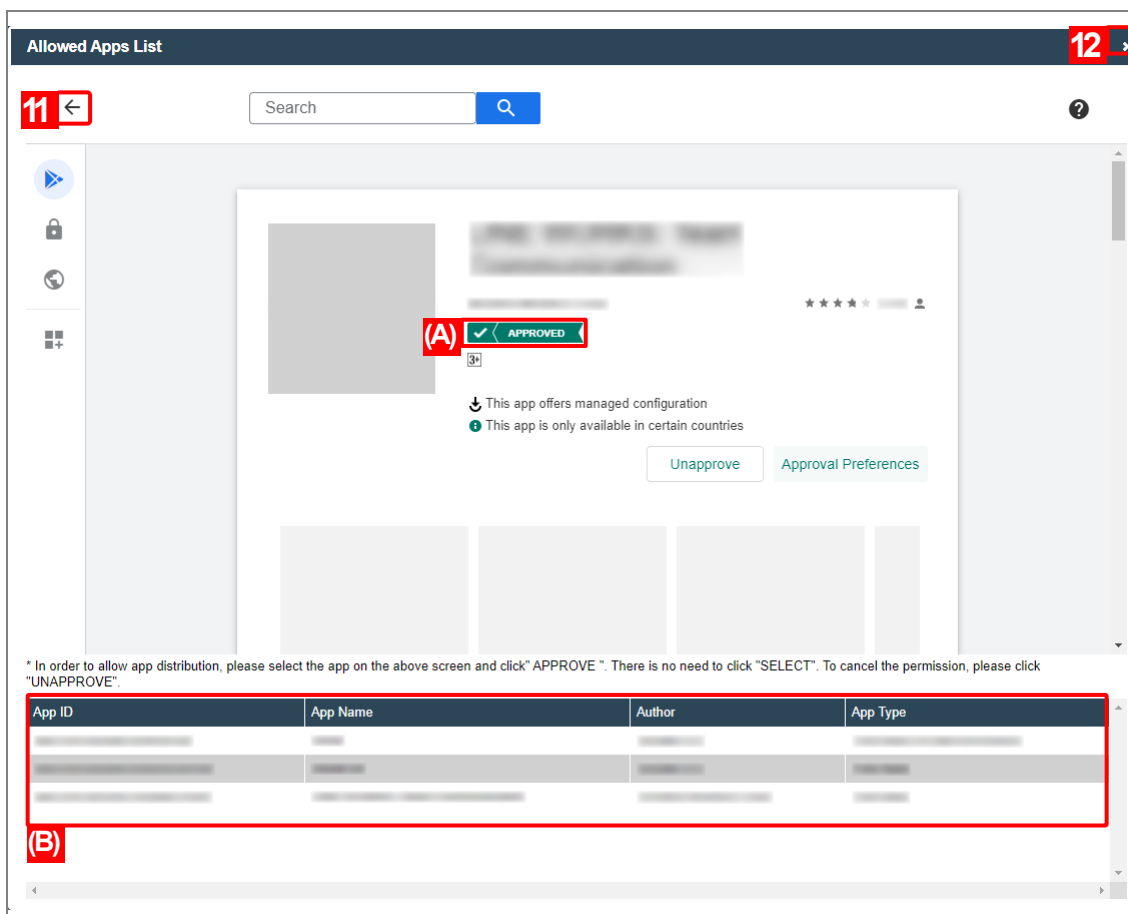
✍ After you have approved all of the apps that you allow to be installed, continue to the next step.

[12] Click ✕ to close the "Allowed Apps List" screen.

⇒ Allowed Apps (apps that can be installed) will be set to the application distribution settings of the management site.

✍ An approved app shows the mark (A).


✍ Allowed apps are listed in (B).

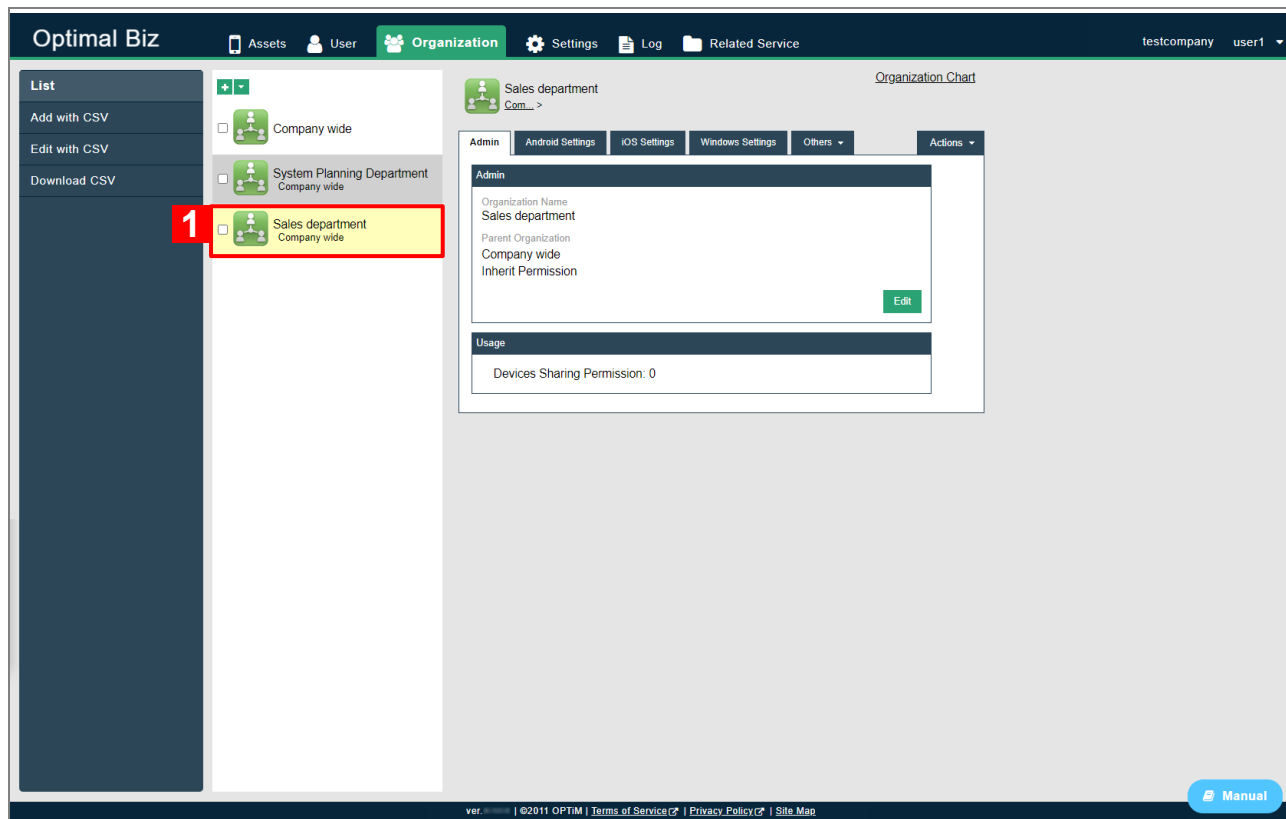


2.7.2 Allocating an app distribution setting to an organization (a user).


Use the following procedure to allocate an app distribution setting to an organization (a user).

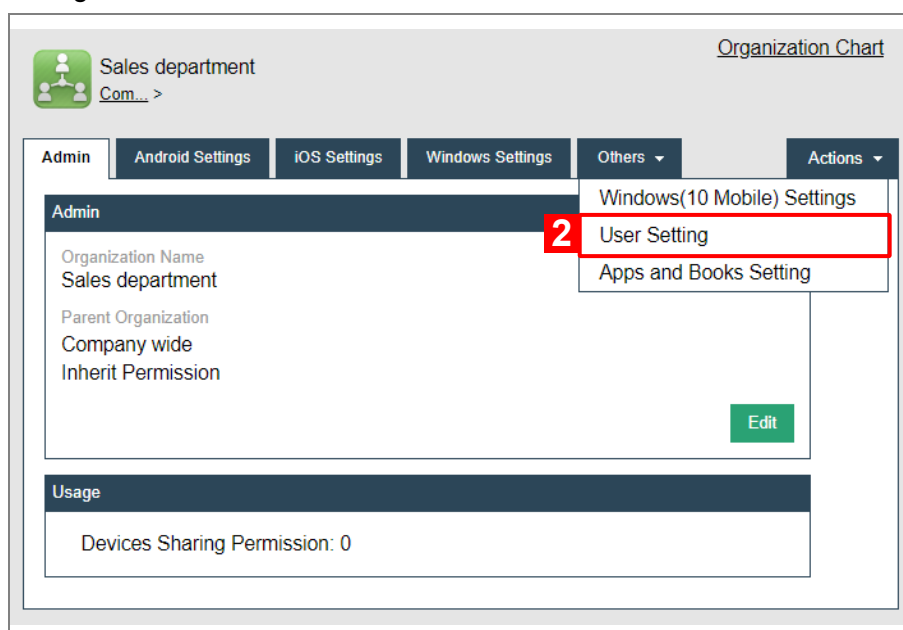
[1] Go to [Organization]→[List], and select a target organization from the list.

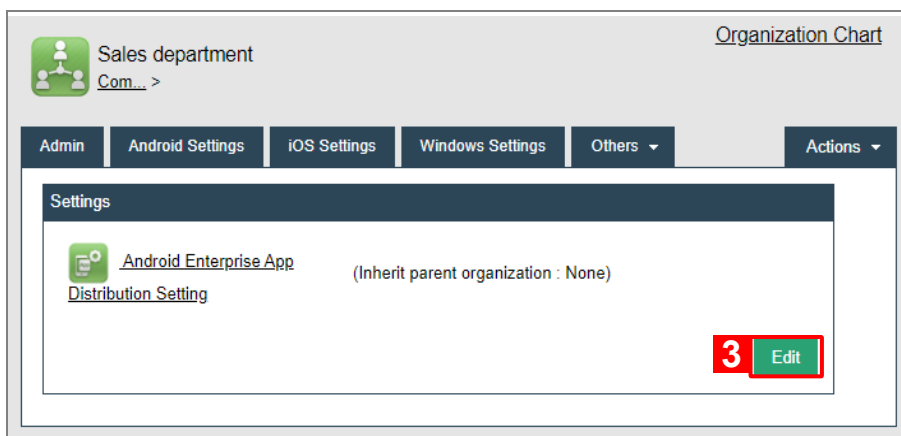
 If you want to allocate a setting to a user, go to [User]→[List], and select a target user from the list.



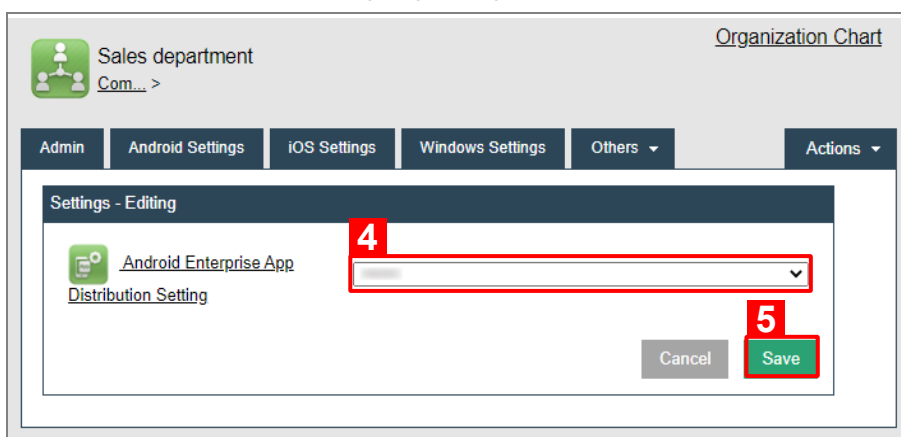
[2] Click the [Others ▼] tab→[User Setting].

 If you want to allocate settings to a user, select the [Others ▼] tab→[Settings] when selecting a target user.



[3] Click [Edit].**[4] From the pull-down menu, specify the distribution setting name you set in step [3] of "Creating an app distribution setting".****[5] Click [Save].**

⇒ The app distribution setting regarding allowed apps will be allocated to the organization.



2.7.3 Allocating a user to the device

Use the following steps to allocate a user to the device, and perform a sync. After performing these steps, you can install only allowed apps to your device.

[1] Go to [Assets]→[List], and select a target device from the list.

[2] Click [Edit admin information].

The screenshot displays the 'Optimal Biz' web application interface. The top navigation bar includes 'Assets', 'User', 'Organization', 'Settings', 'Log', and 'Related Service'. The left sidebar contains a 'List' menu with options like 'Network Map', 'Authentication Procedure', and 'Download CSV'. The main content area is titled 'Assets' and shows a table of 14 devices. A red box labeled '1' highlights a row in the table. The right sidebar contains a 'Settings' section with buttons for 'Setting Allocation' and 'Setting Template Allocation', and an 'Actions' section with buttons for 'Change screen lock password' and 'Remote Lock'. A red box labeled '2' highlights the 'Edit admin information' button in the 'Settings' section.

Asset Name	OS	Phone Number	User	Organization	Communication Date	Details
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	about 2 years ago	[Details]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	27 days ago	[Details]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	19 days ago	[Details]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	about 4 years ago	[Details]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	about 1 month ago	[Details]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	about 1 hour ago	[Details]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	for over 2 years ago	[Details]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	almost 2 years ago	[Details]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	almost 2 years ago	[Details]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	about 1 year ago	[Details]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	for over a year ago	[Details]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	about 2 years ago	[Details]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	about 1 year ago	[Details]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	almost 2 years ago	[Details]

1

2 Edit admin information

- [3]** Select "User" in "Division", and specify the user you selected in step **[1]** of "Linking a user with an organization" from the pull-down menu.
- [4]** Click [Save].

Optimal Biz

Assets User Organization Settings Log Related Service

List

Network Map

Authentication Procedure

Setting of all Assets in bulk

Customizing Input Items

Message

Add with CSV

Edit with CSV

Delete with CSV

Assign the certificate with CSV

Download CSV

Assets

Asset Name Search Engine Add filter

Search Condition:

1 / 1 Page (14 Devices)

Asset Name	OS	Phone Number	User	Organization	Communication Date	Details
					about 2 years ago	
					27 days ago	
					19 days ago	
					about 4 years ago	
					about 1 month ago	
					about 1 hour ago	
					for over 2 years ago	
					almost 2 years ago	
					almost 2 years ago	
					about 1 year ago	
					for over a year ago	
					about 2 years ago	
					about 1 year ago	
					almost 2 years ago	

Management Information

Communication Date: 27 Aug 2021 09:11:59 Sync

Asset Name

Division

User

Organization

Note

Save

Cancel

©2011 OPTIM | Terms of Service | Privacy Policy | Site Map

- [5]** Click [Sync].

- [6]** Click [OK].

⇒ The rest of the steps are carried out on the destination device.

Optimal Biz

Assets User Organization

List

Network Map

Authentication Procedure

Setting of all Assets in bulk

Customizing Input Items

Message

Add with CSV

Edit with CSV

Delete with CSV

Assign the certificate with CSV

Download CSV

Assets

Asset Name Search Engine Add filter

Search Condition:

1 / 1 Page (14 Devices)

Asset Name	OS	Phone Number	User	Organization	Communication Date	Details
					about 2 years ago	
					27 days ago	
					19 days ago	
					about 4 years ago	
					about 1 month ago	
					about 1 hour ago	
					for over 2 years ago	
					almost 2 years ago	
					almost 2 years ago	
					about 1 year ago	
					for over a year ago	
					about 2 years ago	
					about 1 year ago	
					almost 2 years ago	

Sync will start. Depending on device, it may take significant amount of time until the setting is applied. Click on [OK] button to proceed.

OK Cancel

Management Information

Communication Date: 27 Aug 2021 09:11:59 Sync

Changed asset information.

OS

Phone Number

User

Organization

Note

Edit admin information

Settings

Setting Allocation

Setting Template Allocation

Show other settings

Actions

Change screen lock password

Remote Lock

Show other operations

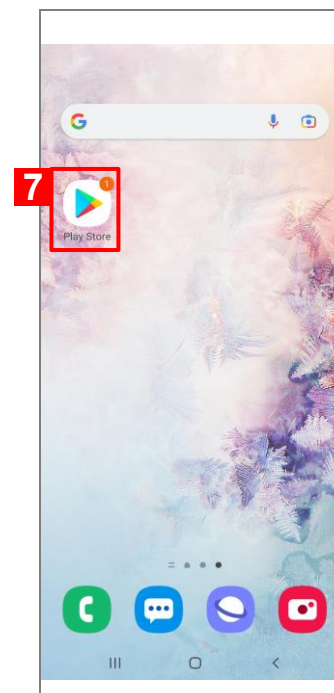
Information

©2011 OPTIM | Terms of Service | Privacy Policy | Site Map

[7] Tap [Play Store], and select an app you want to install.

⇒ Tapping it will start installing the app.

☑ Only allowed apps appear on the Play store.



3 Updating Apps

This chapter describes the following items.

Item	Page
Automatically updating installed apps	78
Automatically updating installed apps (for apps installed before using application distribution)	78
Automatically updating pre-installed apps	79

3.1 Automatically updating installed apps

Apps installed on a device using App Distribution (apps published on the Play store or original apps) are automatically updated if the following conditions are met.

Even if "Auto-update apps" is set to "Do not auto-update apps", apps will be automatically updated if the following conditions are met.

- The latest version of the app is published on the managed Google Play store

☞ "Creating an app individual setting" Step 【5】

☑ Due to the specification of the managed Google Play store, it may take a while from when the latest version of an app is published to when an update starts on the device.

- If it is an original app (private app), the latest version of its apk file has been upload to the managed Google Play store.

🔍 "Android Enterprise App distribution" - "Distribution setting for original apps" - "Updating original app" in <Android Enterprise Manual>

☑ Due to the specification of the managed Google Play store, it may take a while from when the latest version of an apk file is published to when an update starts on the device.

- App Individual Setting with which the app is registered in App Distribution Setting has been specified, and "Execute" of "Forced Install" has been selected.

☞ "Creating an app distribution setting" Steps 【6】 , 【7】

- An app distribution setting has been allocated to the organization (user) in an appropriate manner.

☞ "Allocating an app distribution setting to an organization (a user)."

3.2 Automatically updating installed apps (for apps installed before using application distribution)

By performing the steps below, apps can be automatically updated if the latest version of the app is published to the managed Google Play store.

1. In "Individual App", create a configuration set that registers the apps (App Individual Setting).
2. In "App Distribution", specify the app individual setting of 1, and create a configuration set to be force installed (App Distribution Setting).
3. Allocate the app distribution setting to an organization (a user).
4. Allocate a user to the device to which apps will be installed, and perform a sync.

For details, refer to the following.

☞ "Force installing apps"

☑ Due to the specification of the managed Google Play store, it may take a while from when the latest version of an app is published to when an update starts on the device.

☑ If "Do not auto-update apps" is selected in "Auto-update apps" in the Play store settings, apps will not be automatically updated.



3.3 Automatically updating pre-installed apps

By performing the steps below, pre-installed apps can be automatically updated if the latest version of the app is published to the managed Google Play store.

1. In "Individual App", create a configuration set that registers the pre-installed apps (App Individual Setting).
2. In "App Distribution", specify the app individual setting of 1, and create a configuration set to be force installed (App Distribution Setting).
3. Allocate the app distribution setting to an organization (a user).
4. Allocate a user to the device to which apps will be installed, and perform a sync.

For details, refer to the following.

 "Force installing apps"

-  Due to the specification of the managed Google Play store, it may take a significant amount of time from when the latest version of an app is published to when an update starts on the device.
-  If "Do not auto-update apps" is selected in "Auto-update apps" in the Play store settings, apps will not be automatically updated.

4 Others

This chapter describes the following items.

Item	Page
Precautions	81
If you are unable to install/update	82

4.1 Precautions

- If you change the Android Enterprise App Distribution Setting allocated to an organization (user) as follows, apps that were installed using "App Distribution" will be uninstalled when you perform a sync.
 - If you change it to "(None)" or "(Inherit parent organization: None)"
 - If you change it to an App Distribution Setting which does not contain the apps
- If you delete an app individual setting in "Individual App", apps that have been installed and are specified in the "App Distribution" settings will be uninstalled when you perform a sync.
- After a user is allocated to a device and a sync is performed, it may take a significant amount of time until apps are installed on the device.
- If an app distribution setting includes many apps, it will take a significant amount of time until all of the apps are installed on the device.

4.2 If you are unable to install/update

Make sure that you have the following settings.

◆ Management site


- An app distribution setting has been allocated to the organization (user) in an appropriate manner.
 ➡ "Allocating an app distribution setting to an organization (a user). "
- A user has been allocated in an appropriate manner to a device to which apps will be distributed.
 ➡ "Allocating a user to the device"
- If you are performing a forced install (silent install), you have selected the "Forced Install" box for apps you want to force install in the app distribution settings.
 ➡ "Creating an app distribution setting" Step 【7】

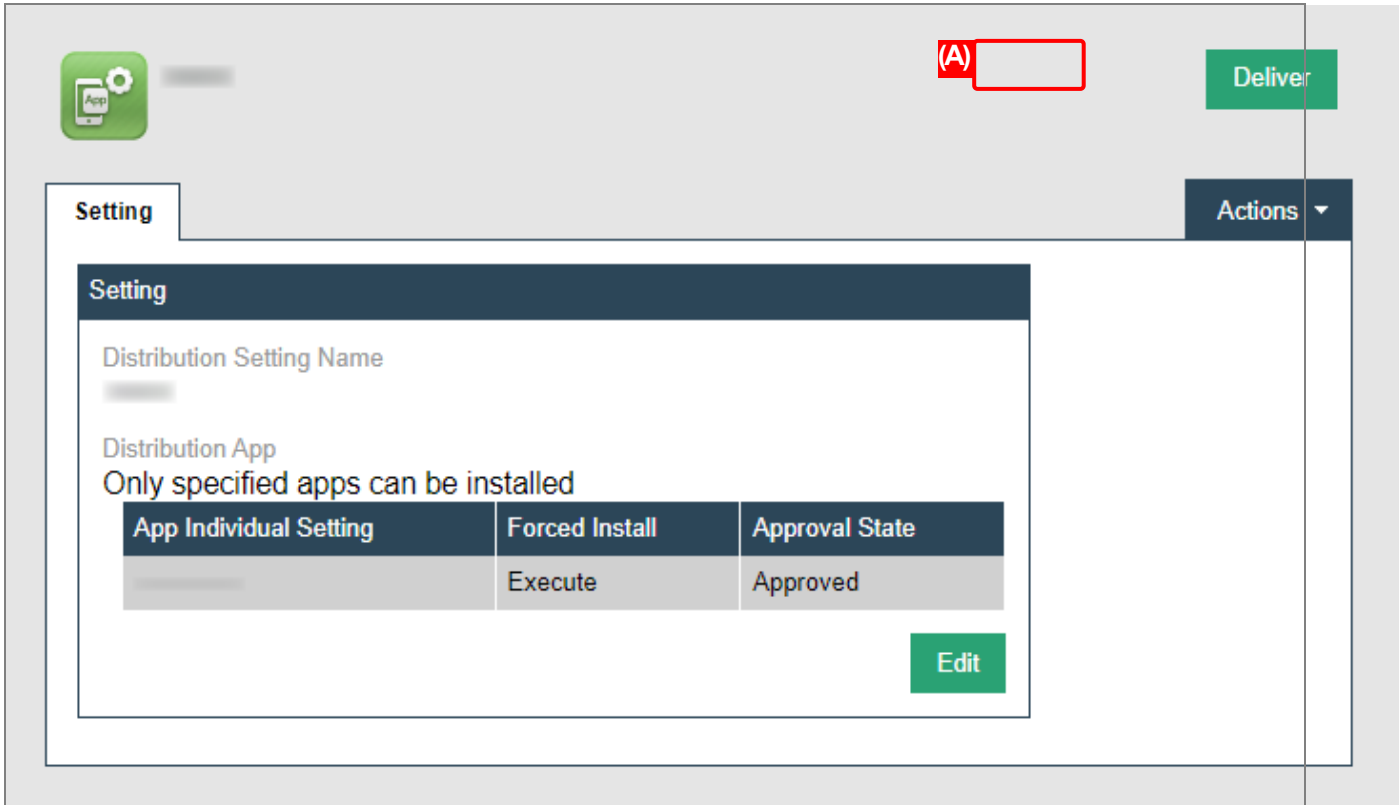
◆ Device

- "Play store" is set to "Auto-update apps" or "Over Wi-Fi only".
- Connected to Wi-Fi network.
- Device is set to charging.
- Device is not being operated.
- The update target app is not executed in the foreground.

Reference

- If it cannot be installed after confirming the above, the app will be distributed in bulk to user's devices where app distribution settings are allocated. Click (A) [Deliver].
 Refer to the following for details.

 "アプリを一括で配信する場合" – "App Distribution Setting" of "Android Enterprise App distribution" in <Android Enterprise Manual>



The screenshot displays the 'App Distribution Setting' interface. At the top, there is a header bar with a green 'App' icon on the left and a red box labeled '(A)' next to a green 'Deliver' button on the right. Below the header, there is a 'Setting' tab. The 'Setting' tab contains a form with the following elements:

- Distribution Setting Name:** A text input field.
- Distribution App:** A dropdown menu.
- Only specified apps can be installed:** A section containing a table.

App Individual Setting	Forced Install	Approval State
	Execute	Approved

At the bottom right of the table, there is a green 'Edit' button.

