

SAMSUNG LYNK Cloud

User's Manual

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Prior to start

Solution introduction

SAMSUNG LYNK Cloud is a cloud-based solution that allows remote management and real-time monitoring of TVs in hotel rooms. With SAMSUNG LYNK Cloud, you can organize content, such as TV content, hotel information and weather information, in various ways to suit the needs of room guests.

View TV content-related statistics at a glance, based on guests' TV usage history. The administrator can create an app that shows amenities and services in the hotel and other information, using the HTML-based editor in LYNK Cloud.

Reference

The images herein may not match what is displayed on the actual screen.

Solution Supply Mode by License Type

SAMSUNG LYNK Cloud functions accessible to users differ depending on the registered license type.

- **Standard:** Apply or deploy settings simultaneously to TVs that have been approved for registration to the cloud. Check the status or control individual TVs.
- **Premium:** Access functions available for the **Standard** license, and create and apply/deploy web-based content simultaneously to TVs that have been approved for registration to the cloud.
- **Premium Plus:** Access statistics and other data (e.g., TV usage history and content-related stats) for use in promotions targeting customers.

Reference

- Displayed screens, fixed menu items and supported functions differ depending on the license registered by the user.
- For details on how to register a license, refer to [Registering License](#).

Service required specifications

- Samsung Hospitality TV (LYNK Cloud Supported Model)
- Internet
- Google Chrome web browser (administrator computer)

Reference

We encourage to use the Chrome browser when running LYNK Cloud. There may be restrictions on using it when running other browsers.

User's Manual Mark Rules

In this User's Manual, the solution and the device names are marked as follows.

- SAMSUNG LYNK Cloud → LYNK Cloud
- Hospitality TV → TV
- Business Intelligence → BI

Reference

In this manual, functions that are not administrator menus are described based on user privileges and access rights.

Account Registration and Preferences

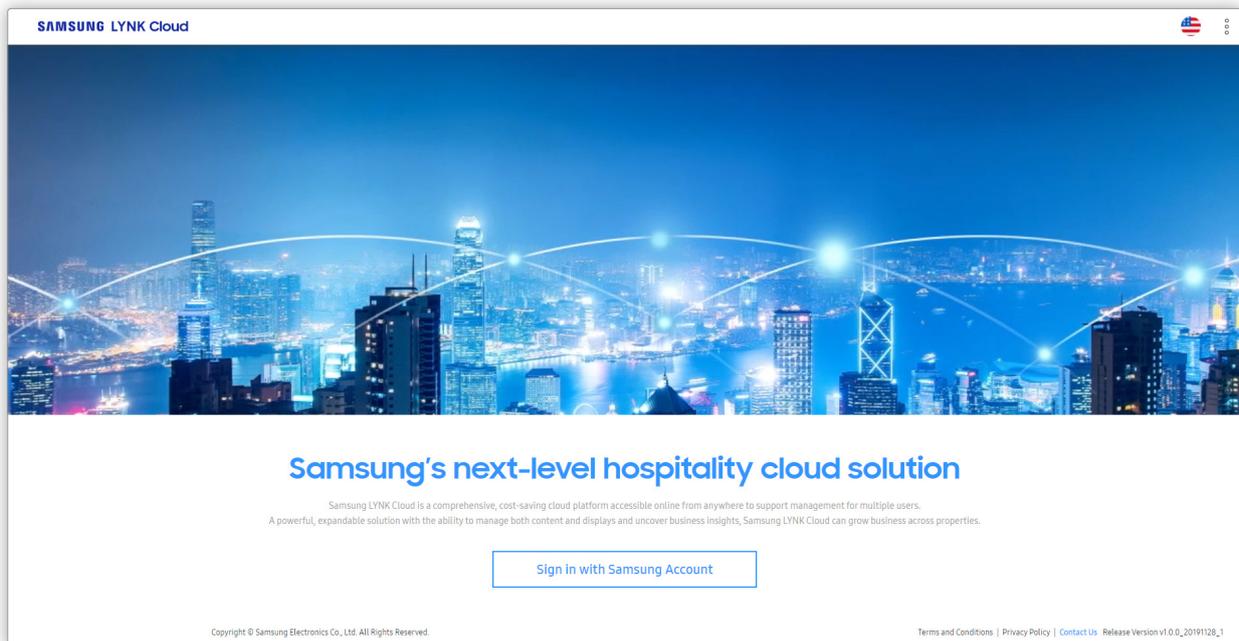
Accessing the Service Portal

After executing the Chrome browser, access to the LYNK Cloud service portal.

Reference

The access link to the LYNK Cloud service portal is <https://www.samsunglynk.com>.

- In this user manual, opening a link in a new window or new tab is not supported. To open a link in a new window, hold down the Shift key while clicking the link, and to open a link in a new tab, hold down the Ctrl key while clicking the link.



On the initial screen, click the **Sign in with Samsung Account** to log in to the **Samsung Account**.

If you do not have a **Samsung Account**, click the **Create account** and create the account according to the procedure.

Reference

For details on how to create a Samsung account, refer to [Creating a Samsung Account](#) on the following pages.

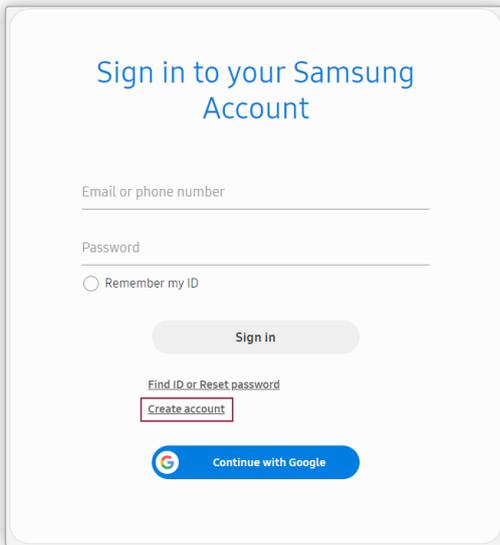
Creating a Samsung Account

If you do not have a Samsung account, use the following steps to create an account.

Reference

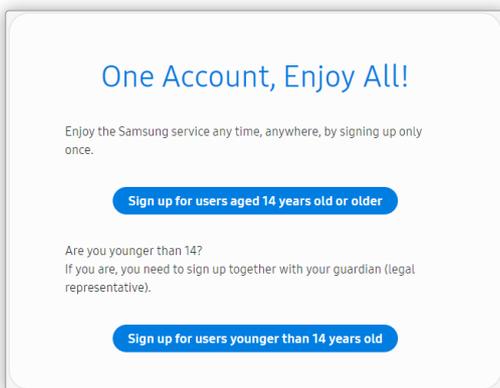
The images shown below may not match what is displayed on the actual screen, depending on the Samsung account version.

- 1 Click **Create account** in log in page.



The screenshot shows the Samsung account login page. At the top, it says "Sign in to your Samsung Account". Below this are two input fields: "Email or phone number" and "Password". There is a radio button labeled "Remember my ID". A "Sign in" button is present. Below the "Sign in" button, there is a link "Find ID or Reset password" and a "Create account" button, which is highlighted with a red box. At the bottom, there is a "Continue with Google" button.

- 2 Select your age group. The next screen appears.



The screenshot shows the Samsung account age selection screen. At the top, it says "One Account, Enjoy All!". Below this, it says "Enjoy the Samsung service any time, anywhere, by signing up only once." There are two buttons: "Sign up for users aged 14 years old or older" and "Sign up for users younger than 14 years old". Below the buttons, it says "Are you younger than 14? If you are, you need to sign up together with your guardian (legal representative)."

- 3 Select all required **Terms and Conditions** checkboxes, and click **Agree**.

Create your Samsung Account

Terms and Conditions
[Details](#)

Special terms
[Details](#)

The collection and use of my personal information
[Details](#)

Get news and special offers (optional)
[Details](#)

You can receive Samsung newsletters, special offers, and emails, text messages, and push notifications containing latest updates on Samsung's and its partners' products and services. You can subscribe or unsubscribe any time by changing the Samsung account settings.

* Some carrier's marketing activities are carried out by

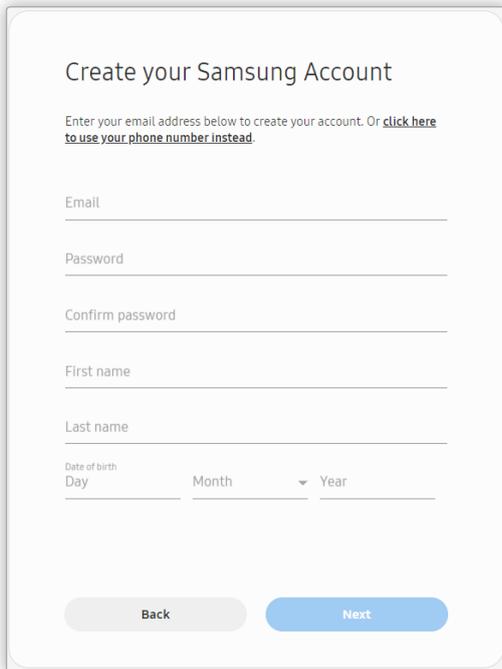
I have read and agree to all of the above.

Agree

Reference

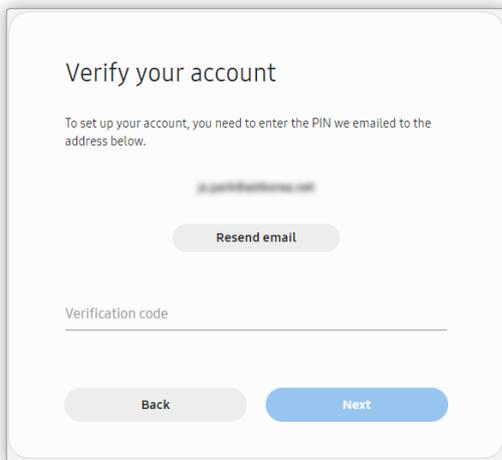
To view details of the terms and conditions for use of the service and the privacy policy, click **Details** at the top.

- 4 Enter the items on the screen in order, and then click **Next**. A verification code is sent to the email account you entered.



The screenshot shows a registration form titled "Create your Samsung Account". Below the title is a sub-header: "Enter your email address below to create your account. Or [click here to use your phone number instead.](#)" The form contains several input fields: "Email", "Password", "Confirm password", "First name", and "Last name". Below these is a "Date of birth" section with "Day", "Month", and "Year" fields. At the bottom, there are two buttons: "Back" (grey) and "Next" (blue).

- 5 Enter the code sent to your email account. Account verification is complete.



The screenshot shows a verification form titled "Verify your account". Below the title is a sub-header: "To set up your account, you need to enter the PIN we emailed to the address below." There is a blurred email address field with a "Resend email" button below it. Below that is a "Verification code" input field. At the bottom, there are two buttons: "Back" (grey) and "Next" (blue).

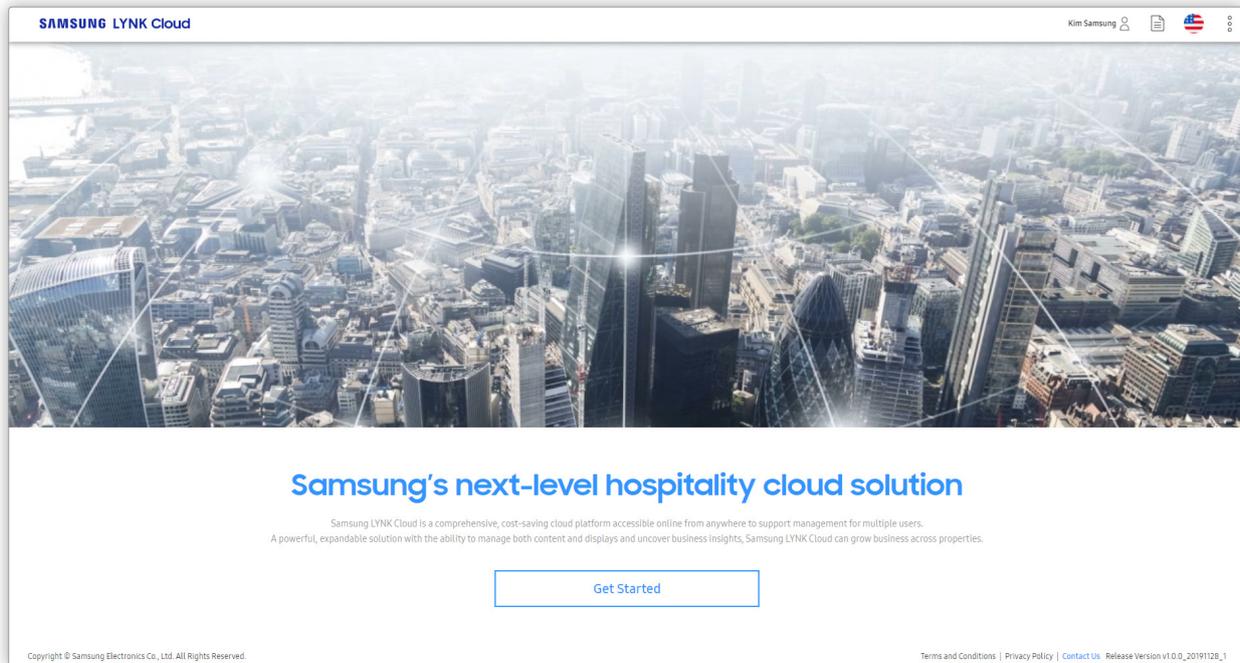
Precautions for creating an account

- Use a password that is at least eight characters long containing alphanumeric characters and special characters. You cannot use passwords that consist of alphabetical characters or numbers only.
- You cannot use a password that contains three consecutive sequential numbers or identical characters.
- You cannot use your email account ID as a password.
- If you do not know your email account, you can find it by verifying your identity with your date of birth you entered.
- Your date of birth you entered is used to verify your age when you try to access services not available for minors.

Registering a company (company administrator)

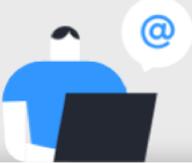
The following screen appears as soon as you log into your Samsung account. At the bottom, click **Get Started** to navigate to the company registration screen.

To use LYNK Cloud, you must to go through **Company** registration and administrator registration.



Initial registering Company

- 1 Log into your Samsung account and then click **1 Register a company(Company admin only.)**.



Complete Your Registration

You are successfully signed in to your Samsung account as [test.lynkcloud@gmail.com](#).
To use Samsung LYNK Cloud, join by clicking the button below.

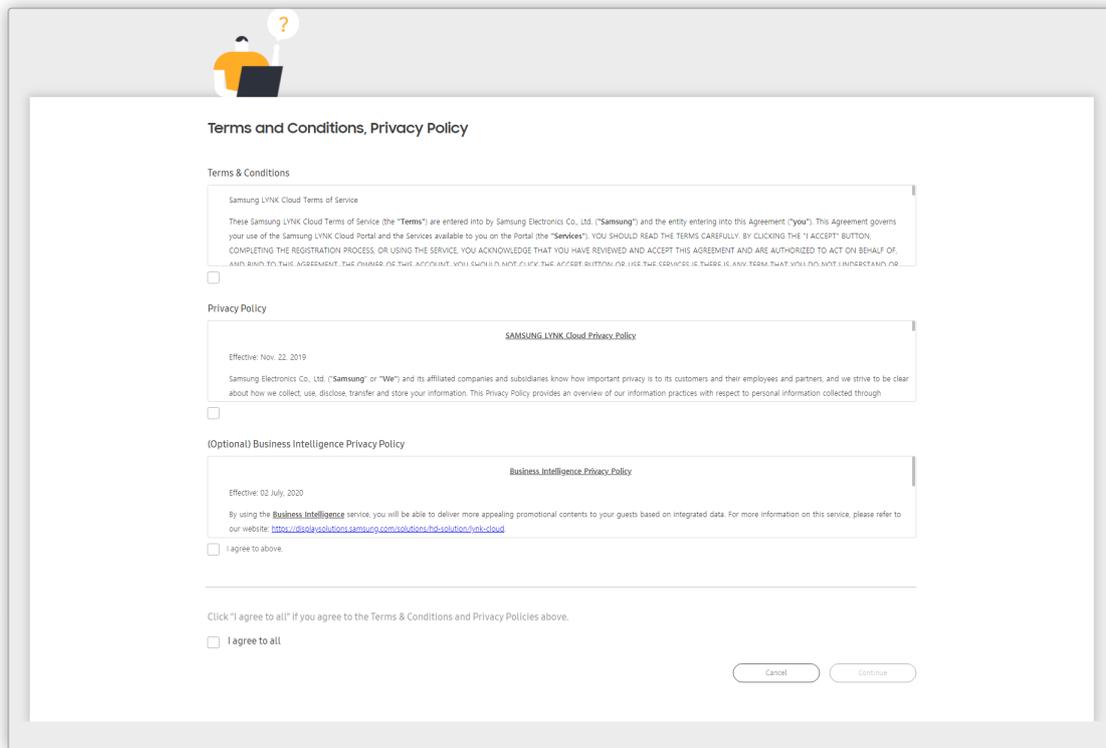
[Join the Company](#)

If the company is not registered, please register the company.

1 [Register a company\(Company admin only.\)](#)

Thank you
Samsung LYNK Cloud Team

- 2 Read the terms and conditions for use of the service and the privacy policy. If you agree, select all checkboxes. Next, click **Continue** to proceed to company registration.



Terms and Conditions, Privacy Policy

Terms & Conditions

Samsung LYNK Cloud Terms of Service

These Samsung LYNK Cloud Terms of Service (the "Terms") are entered into by Samsung Electronics Co., Ltd. ("Samsung") and the entity entering into this Agreement ("You"). This Agreement governs your use of the Samsung LYNK Cloud Portal and the Services available to you on the Portal (the "Services"). YOU SHOULD READ THE TERMS CAREFULLY. BY CLICKING THE "I ACCEPT" BUTTON, COMPLETING THE REGISTRATION PROCESS, OR USING THE SERVICE, YOU ACKNOWLEDGE THAT YOU HAVE REVIEWED AND ACCEPT THIS AGREEMENT AND ARE AUTHORIZED TO ACT ON BEHALF OF YOUR BUSINESS IN THIS AGREEMENT. THIS POLICY IS THE APPOINTMENT YOU CONFIRMED BY CLICKING THE "I ACCEPT" BUTTON AND USE THE SERVICE IS THERE IS ANY TERM THAT YOU DO NOT UNDERSTAND, NO

Privacy Policy

SAMSUNG LYNK Cloud Privacy Policy

Effective: Nov. 22, 2019

Samsung Electronics Co., Ltd. ("Samsung" or "We") and its affiliated companies and subsidiaries know how important privacy is to its customers and their employees and partners, and we strive to be clear about how we collect, use, disclose, transfer and store your information. This Privacy Policy provides an overview of our information practices with respect to personal information collected through

(Optional) Business Intelligence Privacy Policy

Business Intelligence Privacy Policy

Effective: 02 July, 2020

By using the **Business Intelligence** service, you will be able to deliver more appealing promotional contents to your guests based on integrated data. For more information on this service, please refer to our website: <https://dcsjsolutions.samsung.com/solutions/bsi-solution/lynk-cloud>

I agree to above.

Click "I agree to all" if you agree to the Terms & Conditions and Privacy Policies above.

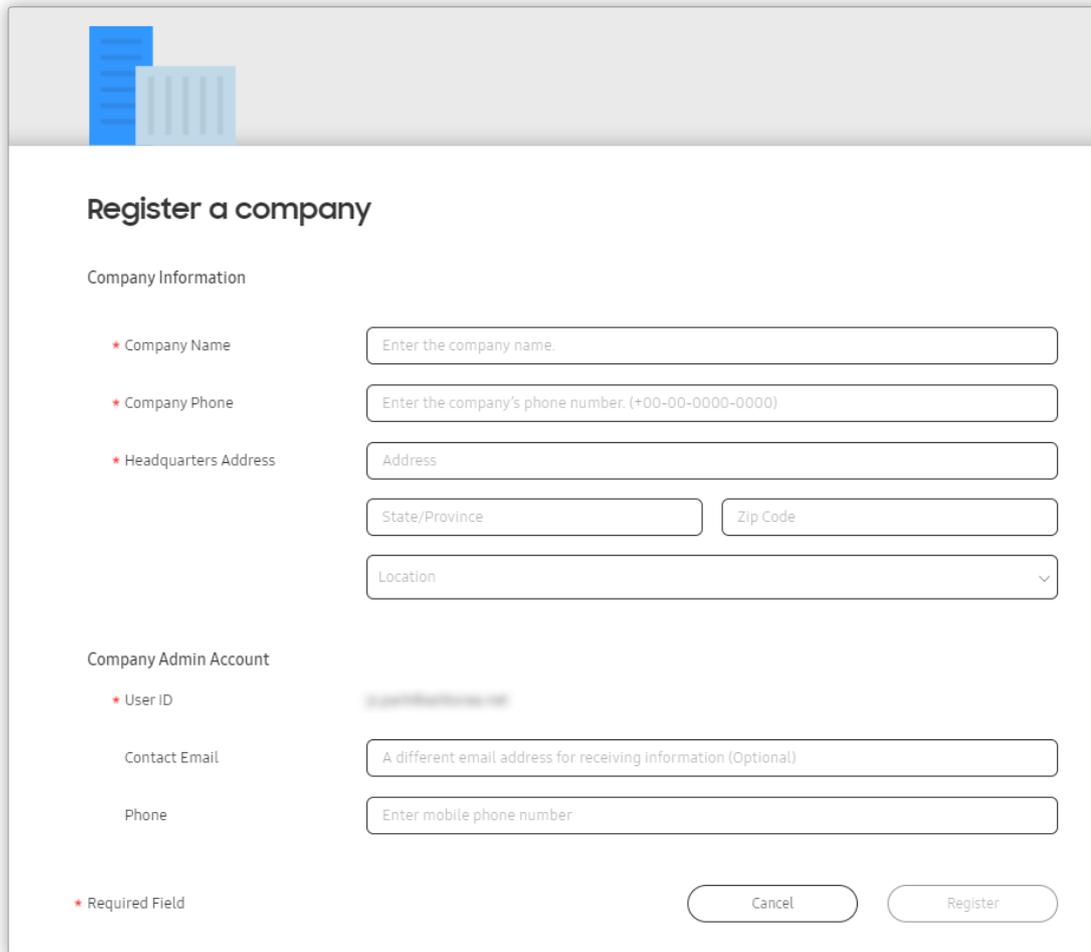
I agree to all

Cancel Continue

Reference

- If you do not agree to the Terms of Use, you will not be able to use the Services.
- The language and details of the terms and conditions of use may vary depending on the region where you join the company.

- 3 Enter the items on the screen in order, and then click **Register**. A verification email is sent to the email account you entered.



Register a company

Company Information

- * Company Name
- * Company Phone
- * Headquarters Address
 -
 -
 -

Company Admin Account

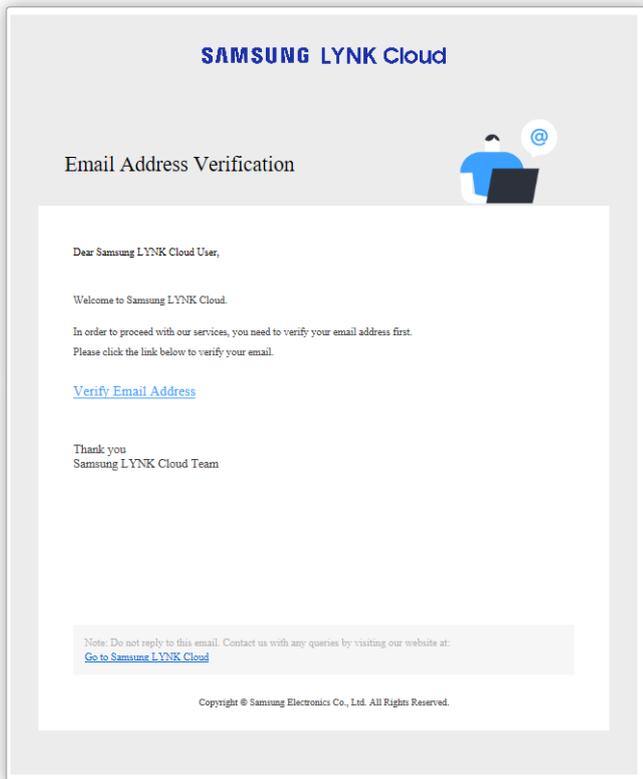
- * User ID
- Contact Email
- Phone

* Required Field

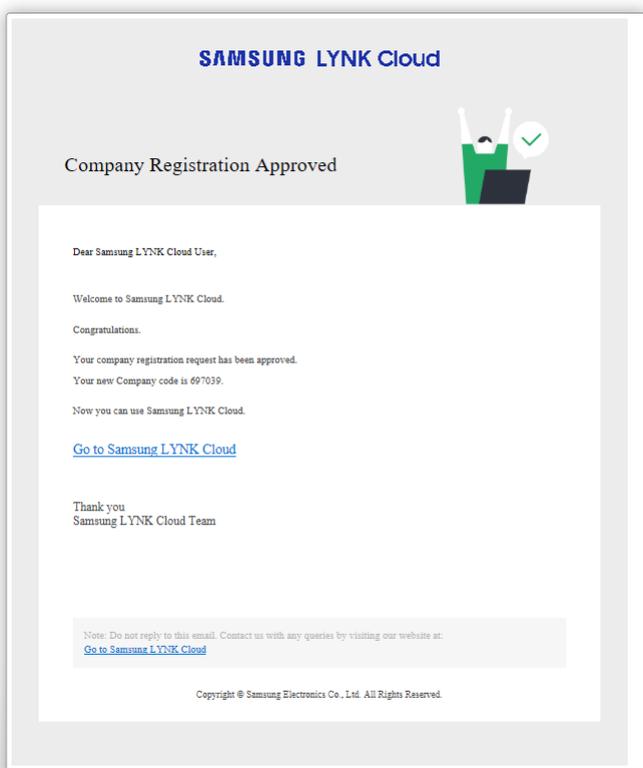
Reference

- The **Company Code** is automatically issued when the LYNK Cloud administrator approves the registration request during the **Company** registration process and you can check it in the email.
- The account that registers the **Company** automatically becomes an administrator account.

- 4 Log into the email account you entered, read the verification email, and then click **Verify Email Address**.



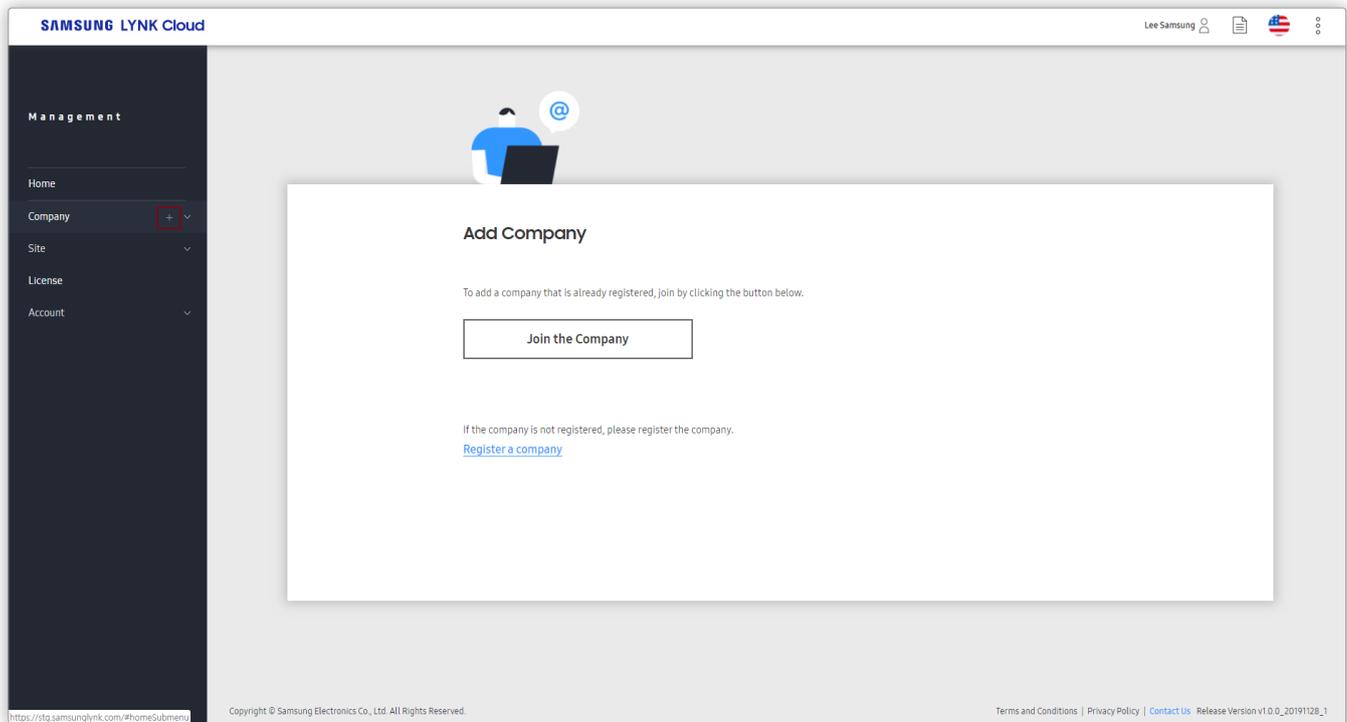
- 5 After your registration request is approved, confirm that an approval confirmation has been sent to your email account from the LYNK Cloud administrator.



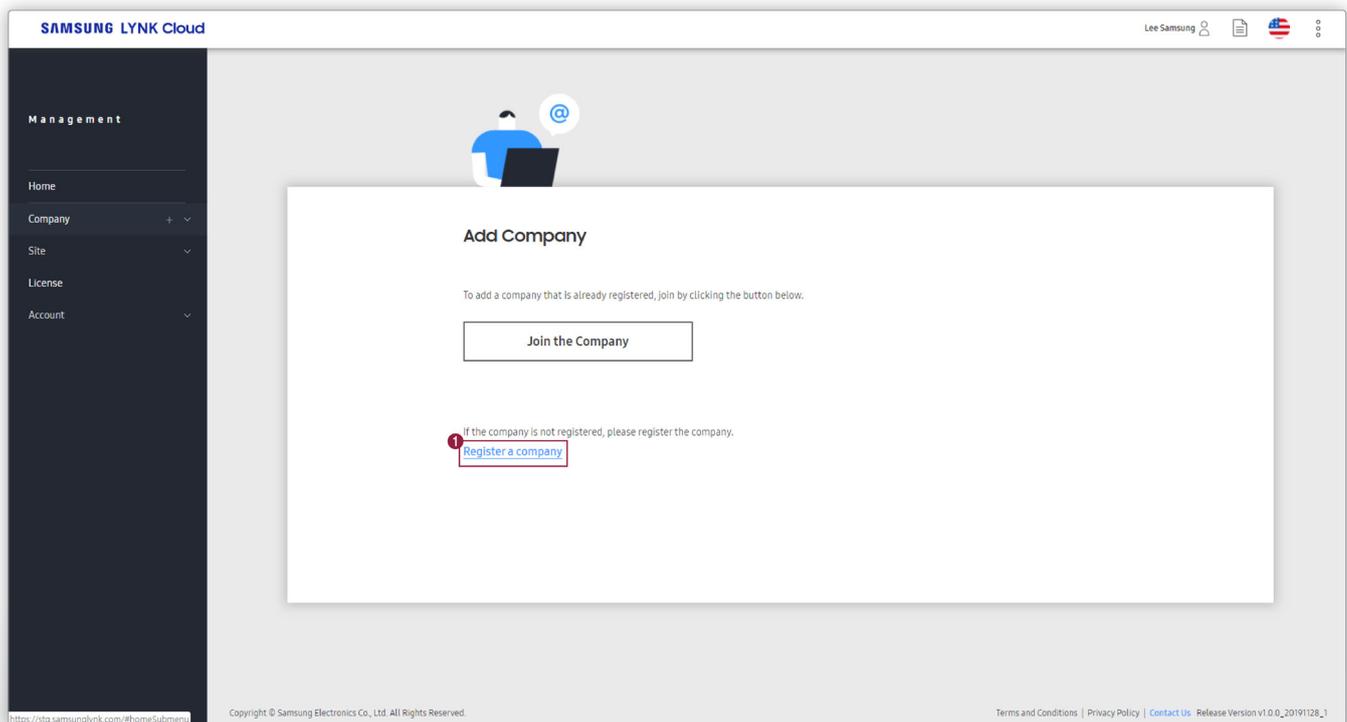
Registering Multi Company

You can add another **Company**.

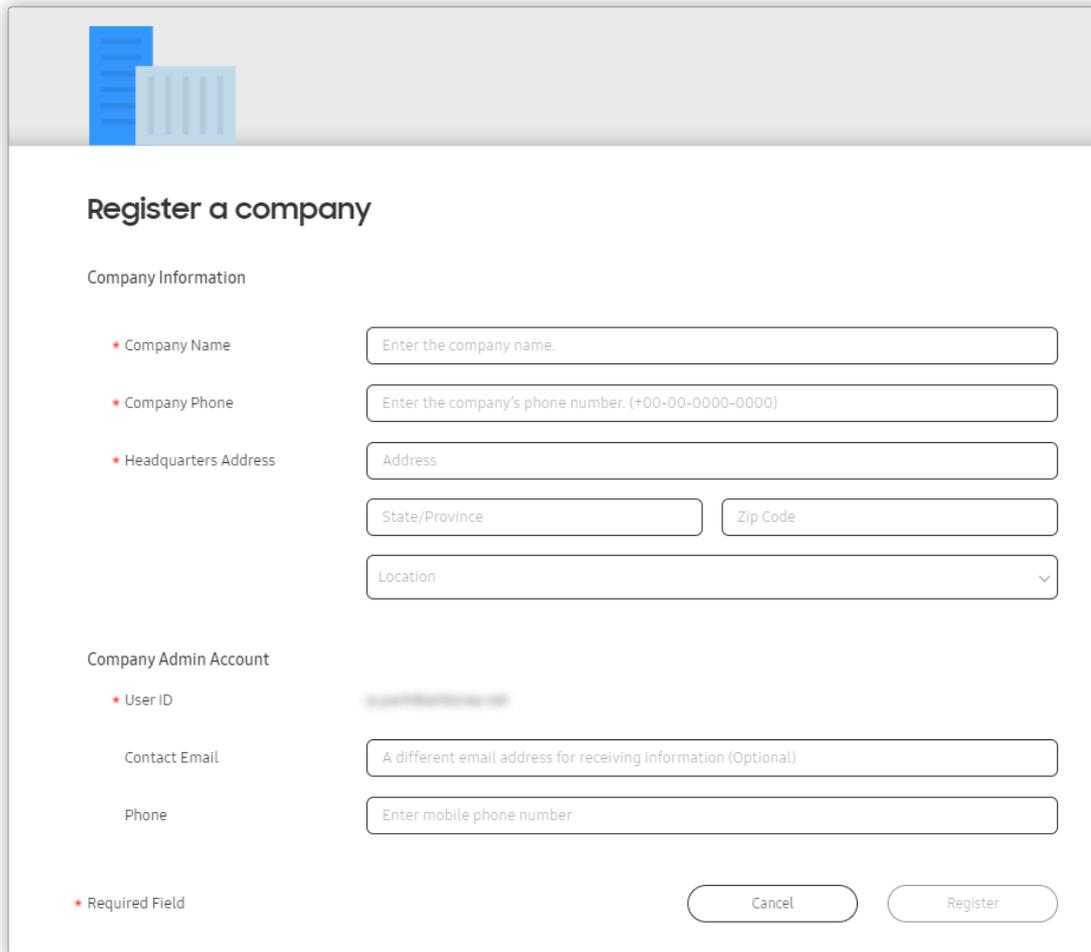
- 1 Place the cursor on the **Company** menu on the left. The + icon appears.



- 2 Click the + icon to display the **Add Company** page and then click **1 Register a company**.



- 3 Enter the items on the screen in order, and then click **Register**. A verification email is sent to the email address you entered.



Register a company

Company Information

- * Company Name
- * Company Phone
- * Headquarters Address
 -
 -
 -

Company Admin Account

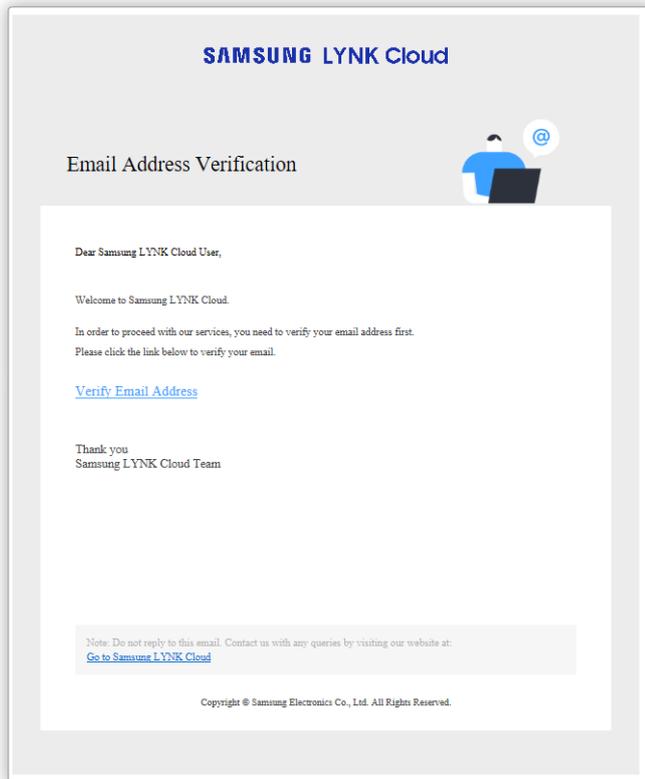
- * User ID
- Contact Email
- Phone

* Required Field

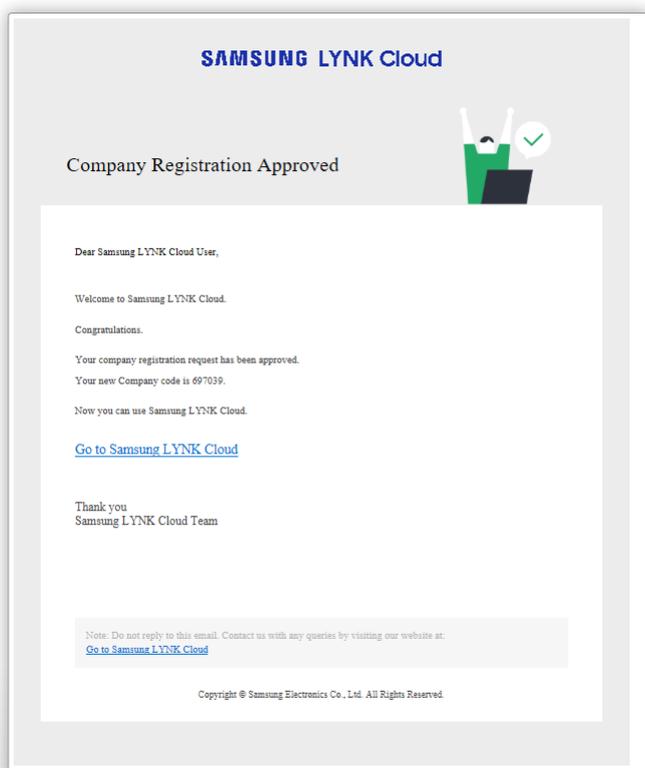
Reference

- The **Company Code** is automatically issued when the LYNK Cloud administrator approves the registration request during the **Company** registration process and you can check it in the email.
- The account that registers the **Company** automatically becomes an administrator account.

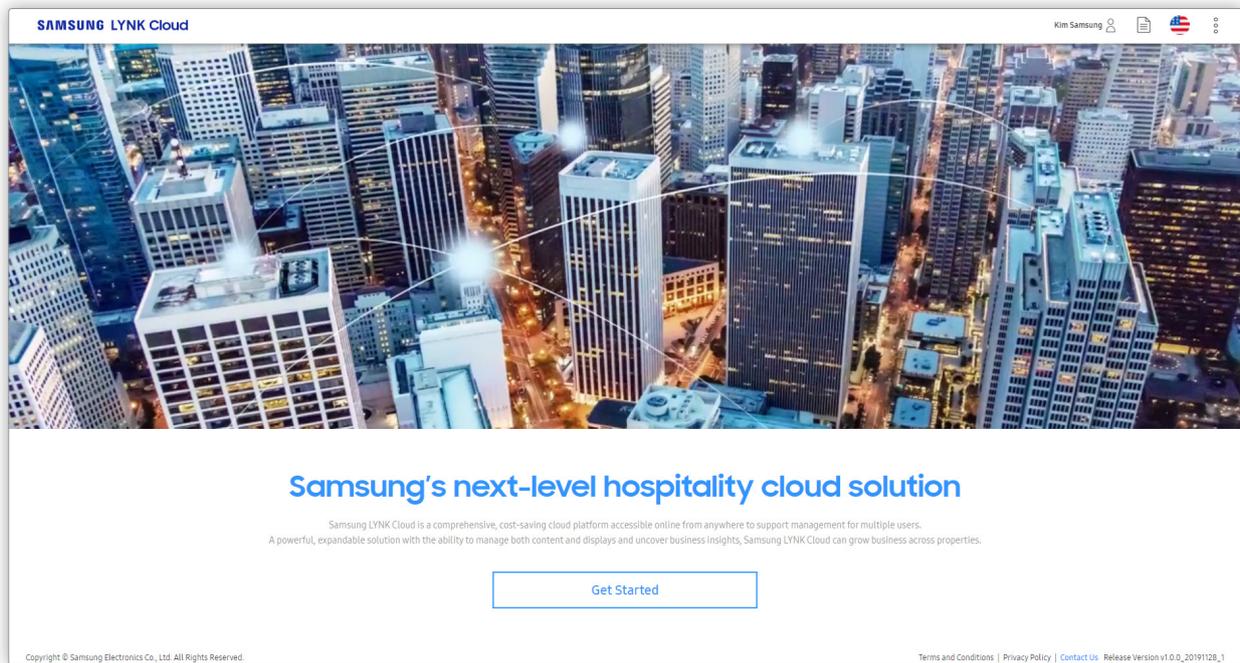
- 4 Log into the email account you entered, read the verification email, and then click **Verify Email Address**.



- 5 After your registration request is approved, confirm that an approval confirmation has been sent to your email account from the LYNK Cloud administrator.



Registering an account to (join) a company

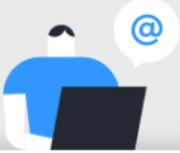


The following screen appears as soon as you log into your Samsung account. Click **Get Started** to navigate to the company registration screen.

To use LYNK Cloud, you must go through the company registration process.

Initial Registering Company

- 1 Log into your Samsung account and then click **2** Join the Company.



Complete Your Registration

You are successfully signed in to your Samsung account as [\[redacted\]](#).
To use Samsung LYNK Cloud, join by clicking the button below.

2 [Join the Company](#)

If the company is not registered, please register the company.
[Register a company\(Only company admin\)](#)

Thank you
Samsung LYNK Cloud Team

- 2 Read the terms and conditions for use of the service and the privacy policy, select all required checkboxes, and then agree to the terms and conditions of use. Next, click **Continue** to join the company.

Terms and Conditions, Privacy Policy

Terms & Conditions

Samsung LYNK Cloud Terms of Service

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Privacy Policy

SAMSUNG LYNK Cloud Privacy Policy

Effective: Nov. 22, 2019

Samsung Electronics Co., Ltd. ("Samsung" or "We") and its affiliated companies and subsidiaries know how important privacy is to its customers and their employees and partners, and we strive to be clear about how we collect, use, disclose, transfer and store your information. This Privacy Policy provides an overview of our information practices with respect to personal information collected through

(Optional) Business Intelligence Privacy Policy

Business Intelligence Privacy Policy

Effective: 02 July, 2020

By using the **Business Intelligence** service, you will be able to deliver more appealing promotional contents to your guests based on integrated data. For more information on this service, please refer to our website: <https://dcsjsolutions.samsung.com/solutions/bsi-solution/lynk-cloud>

I agree to above.

Click "I agree to all" if you agree to the Terms & Conditions and Privacy Policies above.

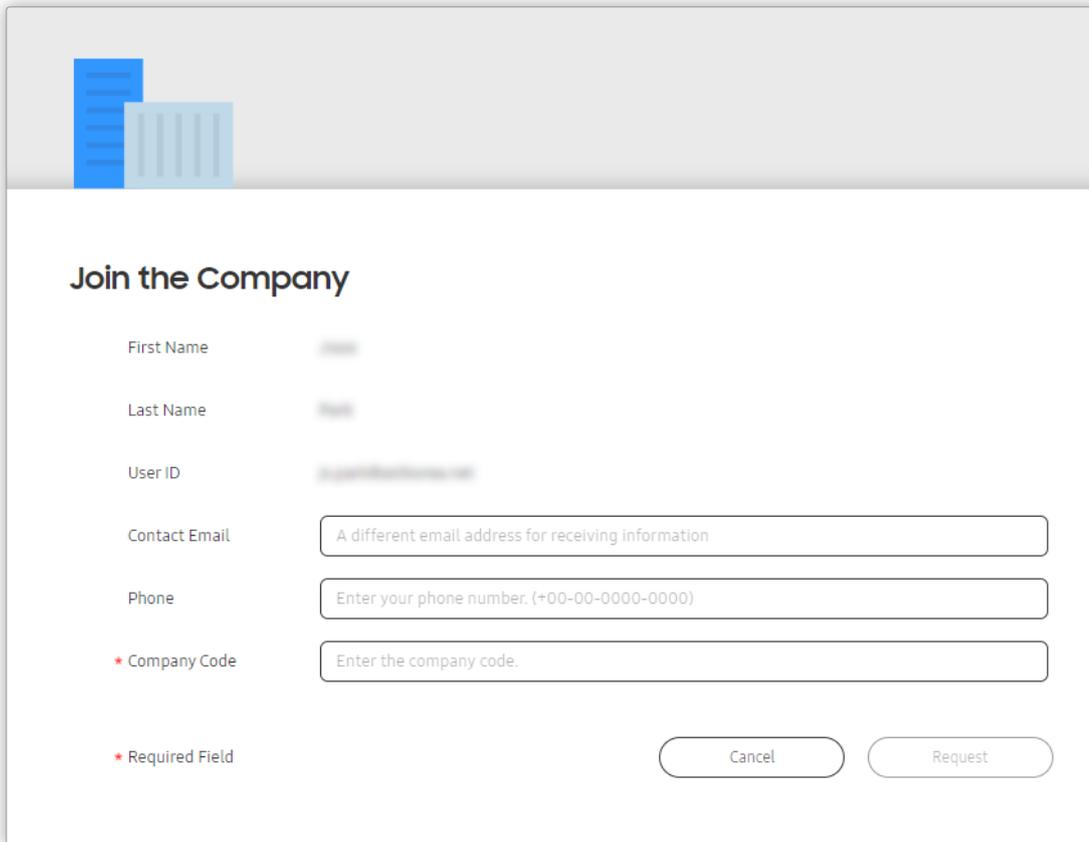
I agree to all

Cancel Continue

Reference

- If you do not agree to the Terms of Use, you will not be able to use the Services.
- The language and details of the terms and conditions of use may vary depending on the region where you join the company.

- 3 Enter the items on the screen in order, and then click **Request**. Requesting to join the company is complete.

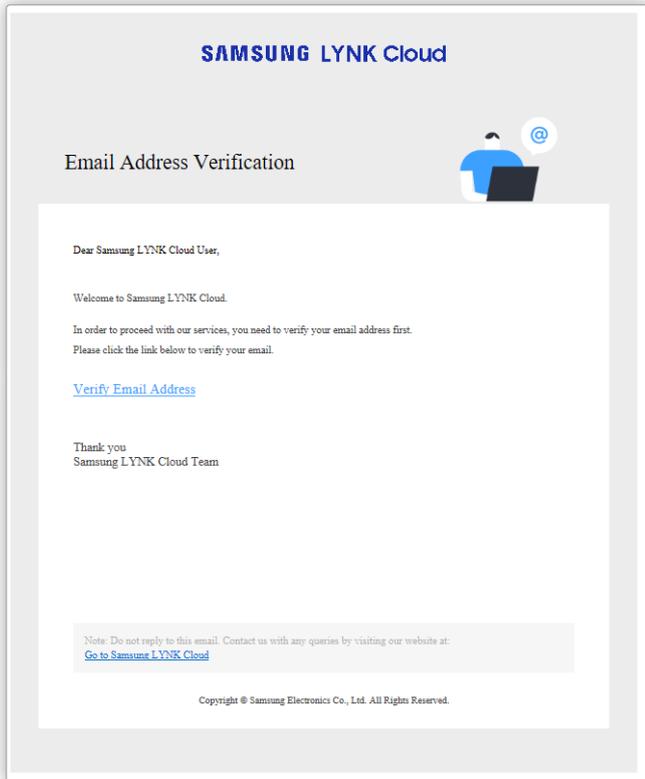


The screenshot shows a web form titled "Join the Company". The form has a header with a blue and grey graphic. Below the title, there are several input fields: "First Name", "Last Name", and "User ID" (with a small grey box next to it). Below these are three text input boxes: "Contact Email" (with placeholder text "A different email address for receiving information"), "Phone" (with placeholder text "Enter your phone number. (+00-00-0000-0000)"), and "Company Code" (with placeholder text "Enter the company code."). A red asterisk is next to the "Company Code" label. At the bottom left, there is a legend: a red asterisk followed by "Required Field". At the bottom right, there are two buttons: "Cancel" and "Request".

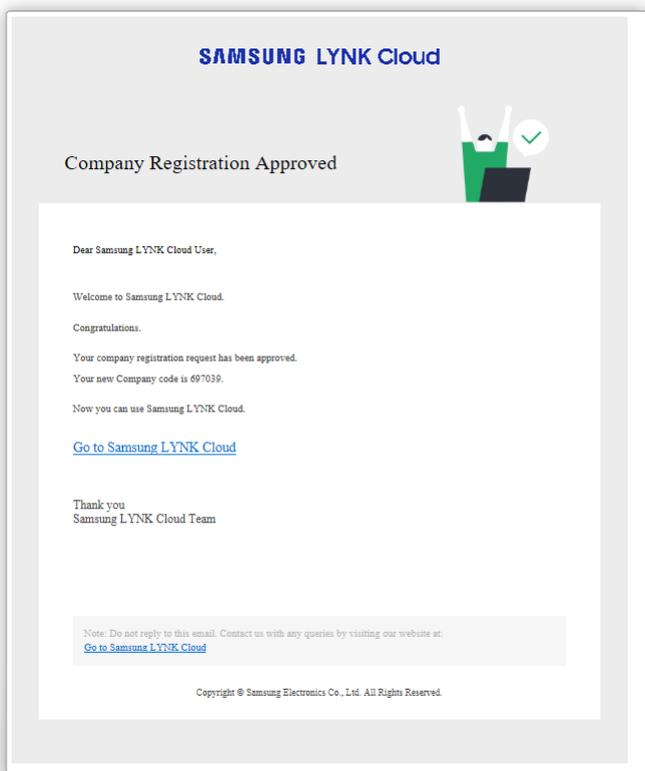
Reference

- For the company code, contact the company administrator for assistance.
- If you are a company administrator, click the company name you want from the **Company** list. You can see the company code.

- 4 Log into the email account you entered, read the verification email, and then click **Verify Email Address**.



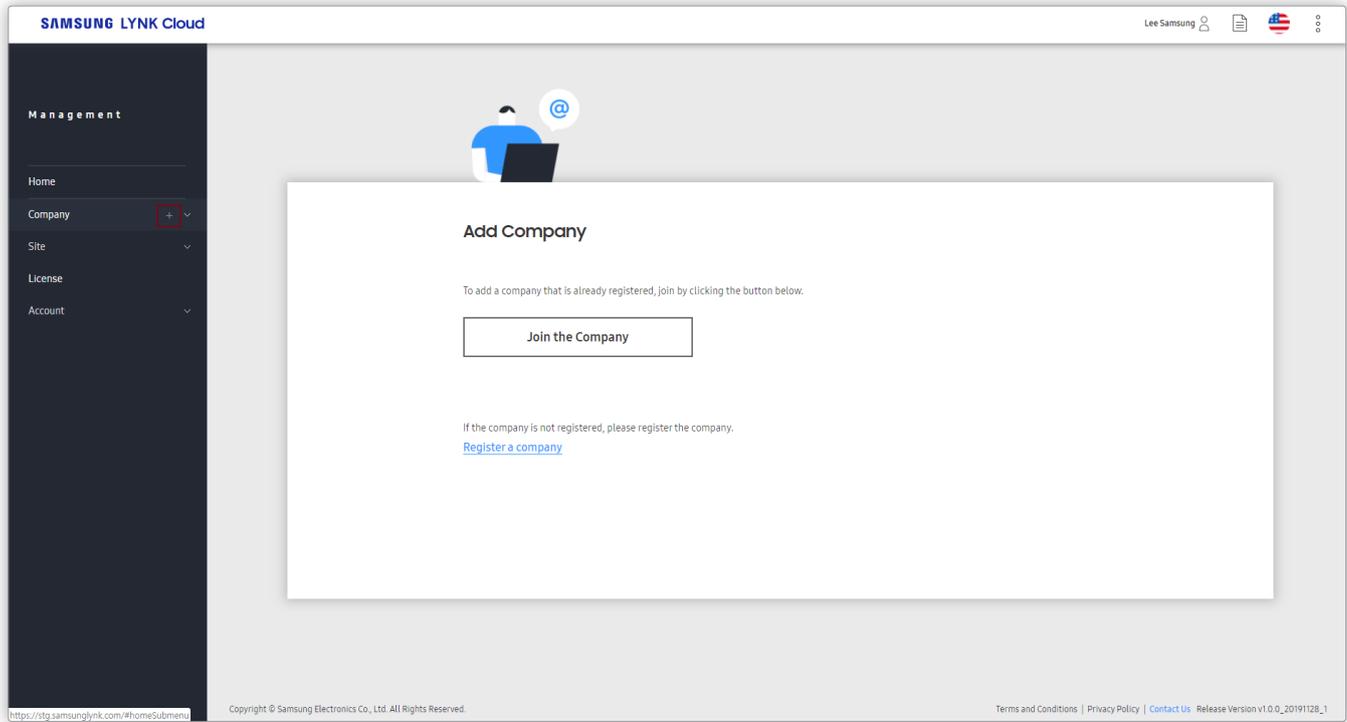
- 5 After email verification and registration request approval are complete, confirm that an approval confirmation has been sent to your email account from the company administrator.



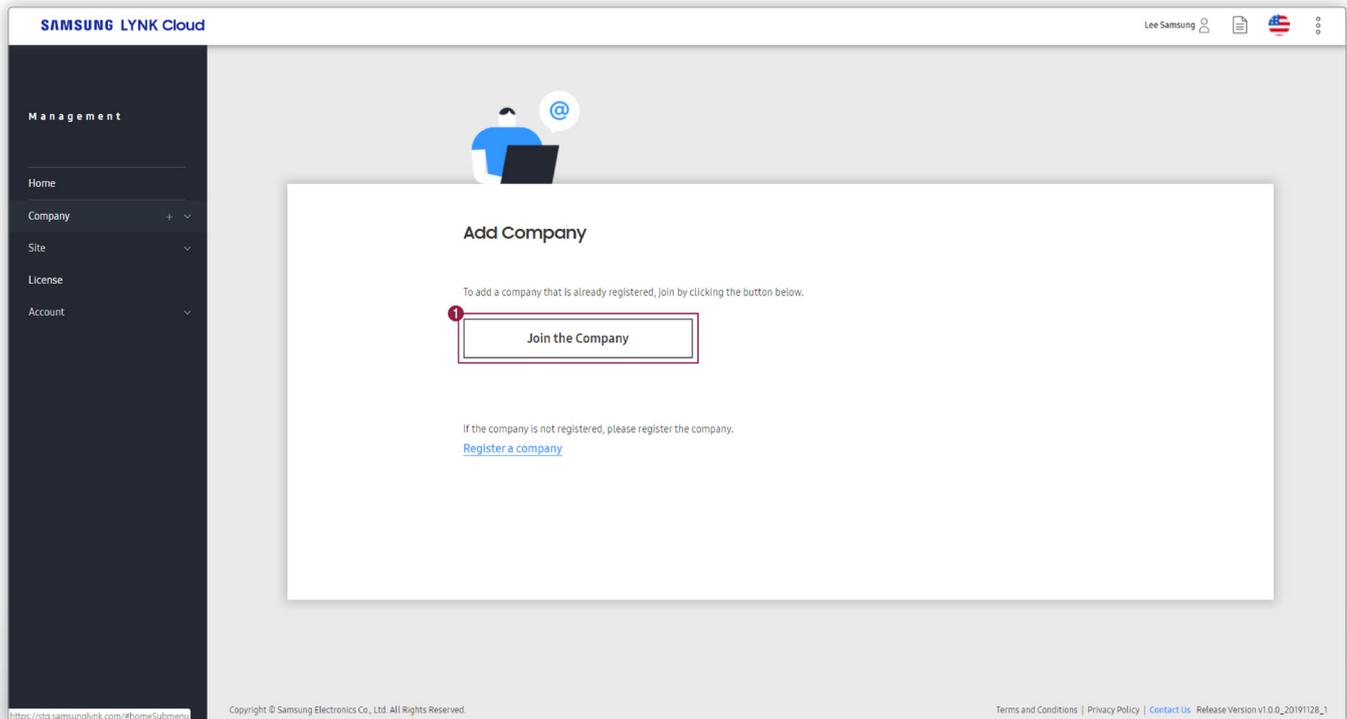
Joining multiple companies

If you work as an administrator for multiple hotels, join the corresponding companies one by one.

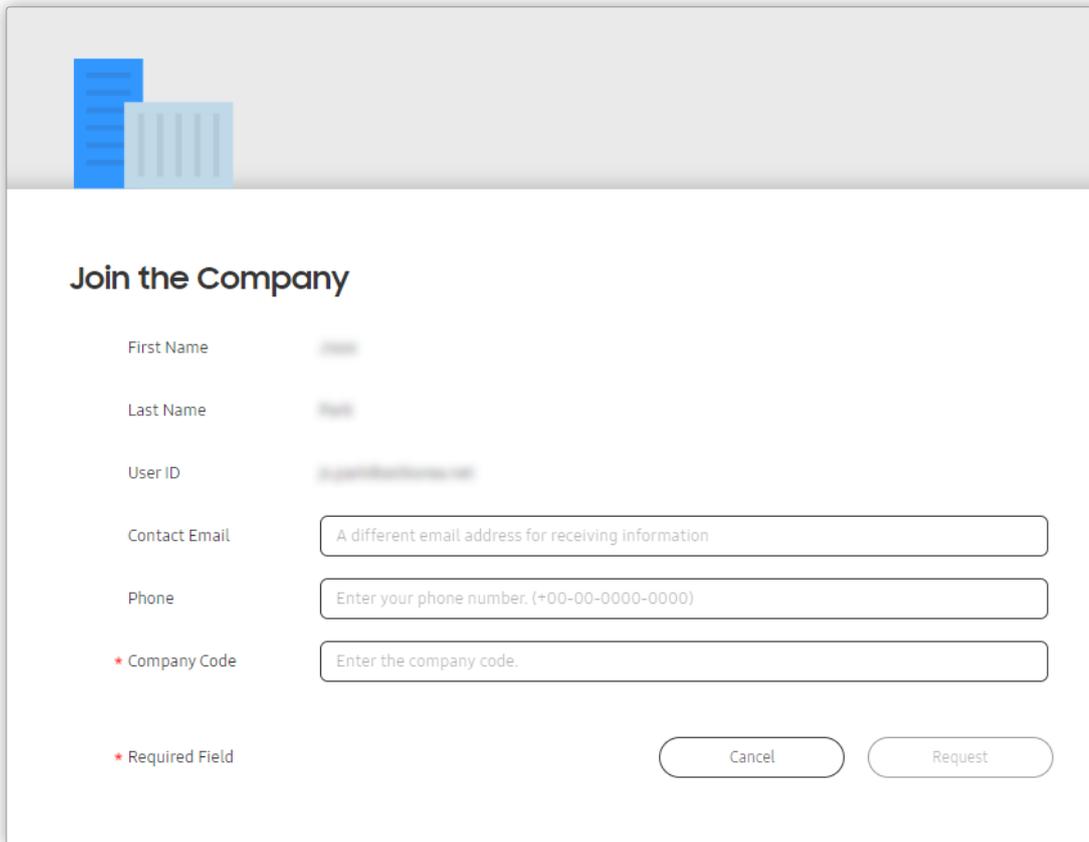
- 1 Place the cursor on the **Company** menu on the left. The + icon appears.



- 2 Click the + icon to display the **Add Company** page and then click **1 Join the Company**.



- 3 Enter the items on the screen in order, and then click **Request**. Requesting to join the company is complete.



The screenshot shows a web form titled "Join the Company". The form has a header with a blue and light blue graphic. Below the title, there are several input fields: "First Name", "Last Name", and "User ID" (with a small icon next to it). Below these are three text input boxes: "Contact Email" (with placeholder text "A different email address for receiving information"), "Phone" (with placeholder text "Enter your phone number. (+00-00-0000-0000)"), and "Company Code" (with placeholder text "Enter the company code."). A red asterisk is next to the "Company Code" label. At the bottom left, there is a legend: a red asterisk followed by "Required Field". At the bottom right, there are two buttons: "Cancel" and "Request".

Reference

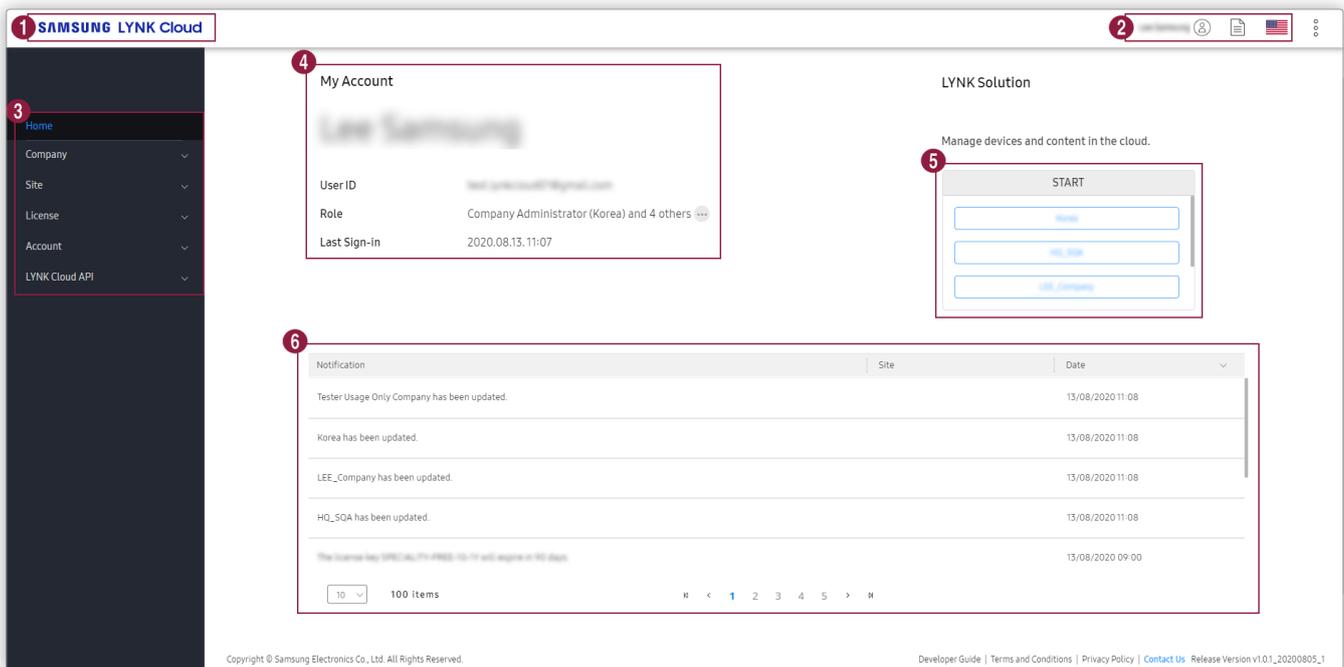
- For the company code, contact the company administrator for assistance.
- If you are a company administrator, click the company name you want from the **Company** list. You can see the company code.

Exploring the Portal main screen

As soon as you log in after registering a company, the main screen of the LYNK Cloud portal appears.

Reference

- The LYNK Cloud company administrator can grant a role to users registered in the company. For details on how to manage user roles, refer to [Managing Role](#).
- Displayed menu items and available functions when connected to LYNK Cloud may vary depending on the user's role. The Portal main screen descriptions are based on the screens of the general administrator who can check all the menus.



1 Go to the LYNK Cloud Portal main screen.

2 **User Information** and **Notification** can be checked and the basic display **Language** can be changed.

It is the list of main menus of LYNK Cloud Portal. If you click each menu, sub menu spreads or it moves to the corresponding menu screen.

3 Refer to each chapter for details on menu items.

4 The information of the currently connected user is displayed.

You can check and manage the status of rooms, devices and contents of the **Site**(hotel) registered in LYNK Cloud.

5 Reference

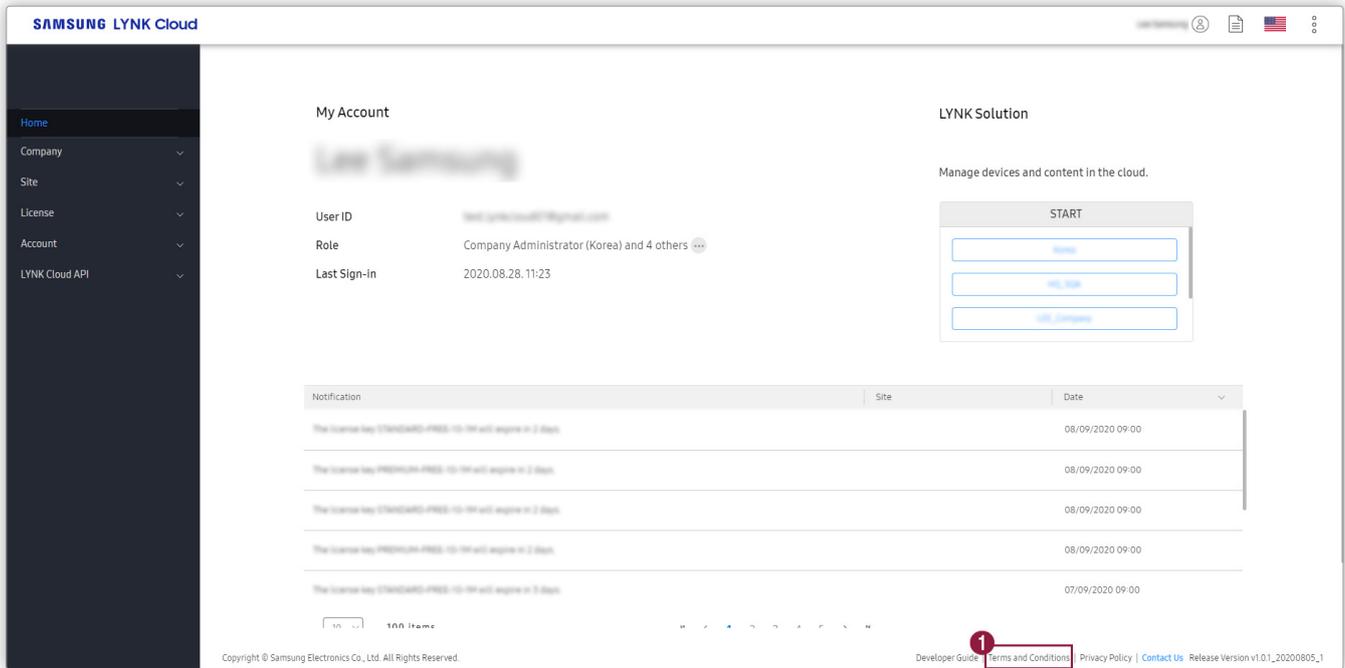
- The menu items appear in the order the companies were registered.
- For details on how to create and configure a site, refer to [Creating and configuring a site](#).

6 You can check the list of notifications of events that occurred in LYNK Cloud.

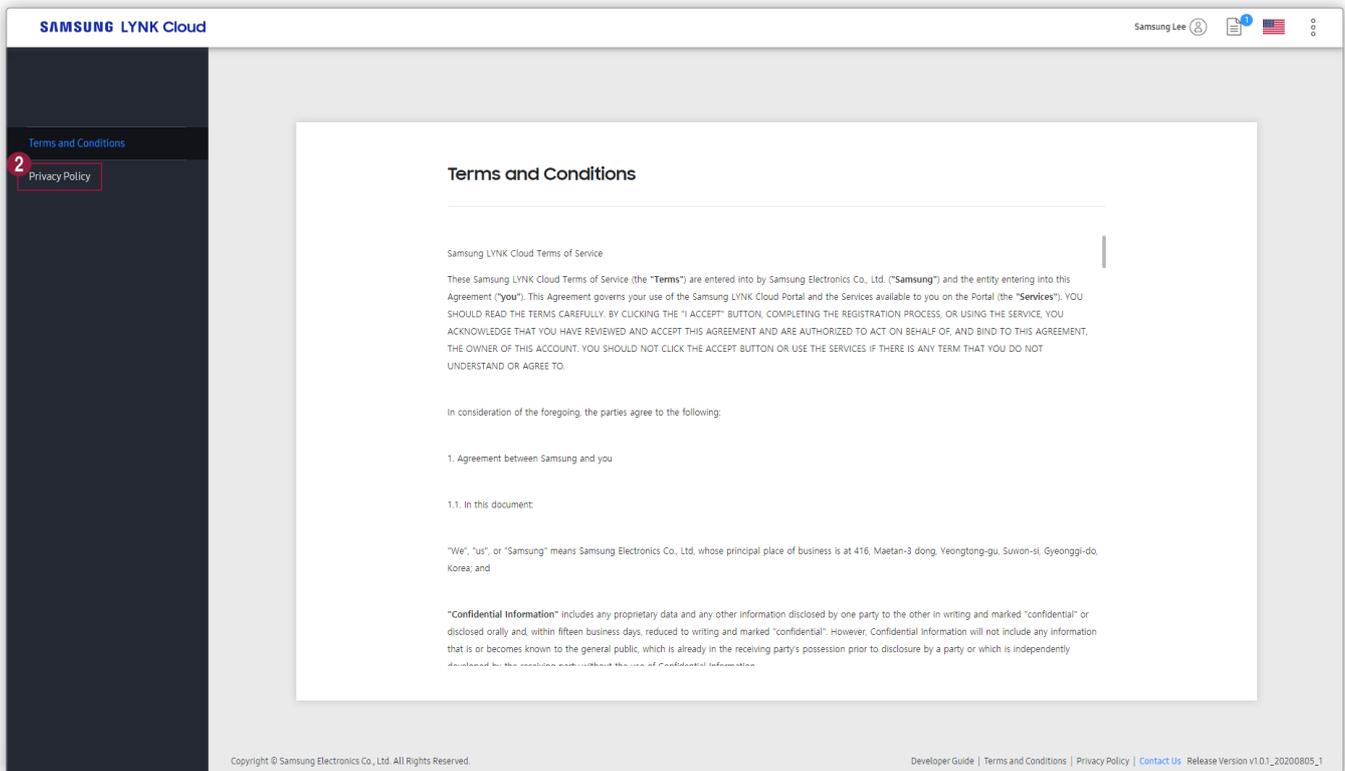
Events such as **user creation**, **Site Group creation and deletion**, and **License Key registration** etc. are recorded.

Terms and conditions of use and privacy policy

To view details of the terms and conditions of use, click **1** Terms and Conditions from the portal main screen.



To view details of the privacy policy, click **2** Privacy Policy.



To view the privacy policy history of the previous version, click **1**.

The screenshot shows the Samsung LYNK Cloud interface. On the left is a dark sidebar with 'Terms and Conditions' and 'Privacy Policy' links. The main content area is titled 'Privacy Policy' and features a dropdown menu labeled 'Version 1.1' with a red circle and the number '1' next to it, indicating the point of interest. The page content includes the title 'SAMSUNG LYNK Cloud Privacy Policy', an effective date of 'Nov. 22, 2019', and several paragraphs of text explaining the policy. A bulleted list details the types of information collected, such as personal information, B2B TV information, and device data. At the bottom, there is a footer with copyright information and navigation links.

SAMSUNG LYNK Cloud Samsung Lee

Terms and Conditions
Privacy Policy

Privacy Policy

Version 1.1

SAMSUNG LYNK Cloud Privacy Policy

Effective: Nov. 22, 2019

Samsung Electronics Co., Ltd. ("Samsung" or "We") and its affiliated companies and subsidiaries know how important privacy is to its customers and their employees and partners, and we strive to be clear about how we collect, use, disclose, transfer and store your information. This Privacy Policy provides an overview of our information practices with respect to personal information collected through SAMSUNG LYNK Cloud- services or other services that link or refer to this Privacy Policy (collectively, the "Business Services").

This Privacy Policy may be updated periodically to reflect changes in our personal information practices with respect to the Business Services or changes in the applicable law. We will indicate at the top of this Privacy Policy when it was most recently updated. If we update the Privacy Policy, we will let you know in advance about changes we consider to be material by placing a notice on the Business Services or by emailing you, where appropriate.

What information do we collect about you?
We may collect various types of personal information in connection with the Business Services.

For example:

- We may collect personal information that you provide, such as your name, phone number, Samsung Account ID (email address), additional e-mail address and contact details, job title and position, company, company address, company phone number, company ISD code, language, registration details, and any communications you send or deliver to us.
- We may collect B2B TV information that you use, such as TV device ID, TV MAC Address, TV model information, TV device name, TV setting information, TV viewing information.
- We may collect data about your use of the Business Services, including the time and duration of your use; information stored in cookies that we have set on your device and IP address of your devices.
- We may collect information about the services you or your employer have bought or received and payment data and other information provided in connection with a transaction.
- We also may receive personal information about you from your employer or service provider or from publicly and commercially available sources (as permitted by law), which we may combine with other information we receive from or about you.

How do we use your information?
We use the information we collect for the following purposes:

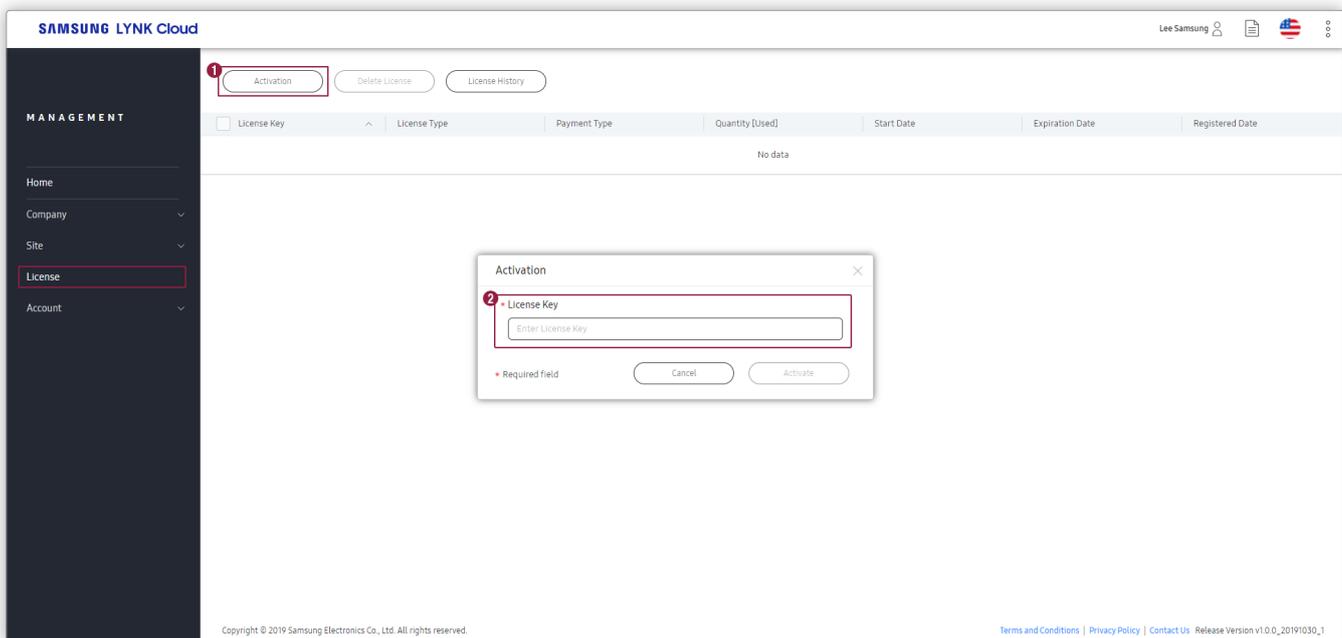
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Registering License

When you log in for the first time, you must go through the product license registration process to ensure full use of the LYNK Cloud service.

Register the **License Key** which were issued when purchasing the product.

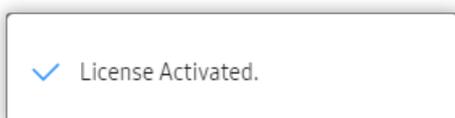
Registering free / paid license



1 From the menu list on the left of the main screen, navigate to **License** and click **Activation**.

2 Enter the license key issued to you, and click **Activate**.

If you register your license key properly, the following confirmation message appears at the bottom right and the license is registered.



License kinds

- **Standard:** This is a device management license. The applied unit is Device.
- **Premium:** This is a device and content management license. The applied unit is Device.
- **Premium Plus:** This is a business insight license. The applied unit is Device.

The screenshot shows the SAMSUNG LYNK Cloud interface. At the top, there are buttons for 'Activation', 'Deactivate', and 'License History'. Below these is a table with the following columns: License Key, License Type, Payment Type, Quantity (Used), Start Date, Expiration Date, and Registered Date. The table contains two rows of data:

License Key	License Type	Payment Type	Quantity (Used)	Start Date	Expiration Date	Registered Date
PLATINUM-PRBS-10-10	Premium Plus	Free	10 (1)	2020-08-05	2021-08-04	2020-08-05
PREMIUM-PRBS-10-10	Premium	Free	10 (1)	2020-08-05	2021-08-04	2020-08-05

At the bottom of the table, there is a pagination control showing '2 Items' and navigation arrows. The footer contains copyright information and links to Developer Guide, Terms and Conditions, Privacy Policy, and Contact Us.

	Standard	Premium	Premium+
Device Management	O	O	O
OTT Apps	O	O	O
IPG	O	O	O
Content Management		O	O
Business Intelligence			O

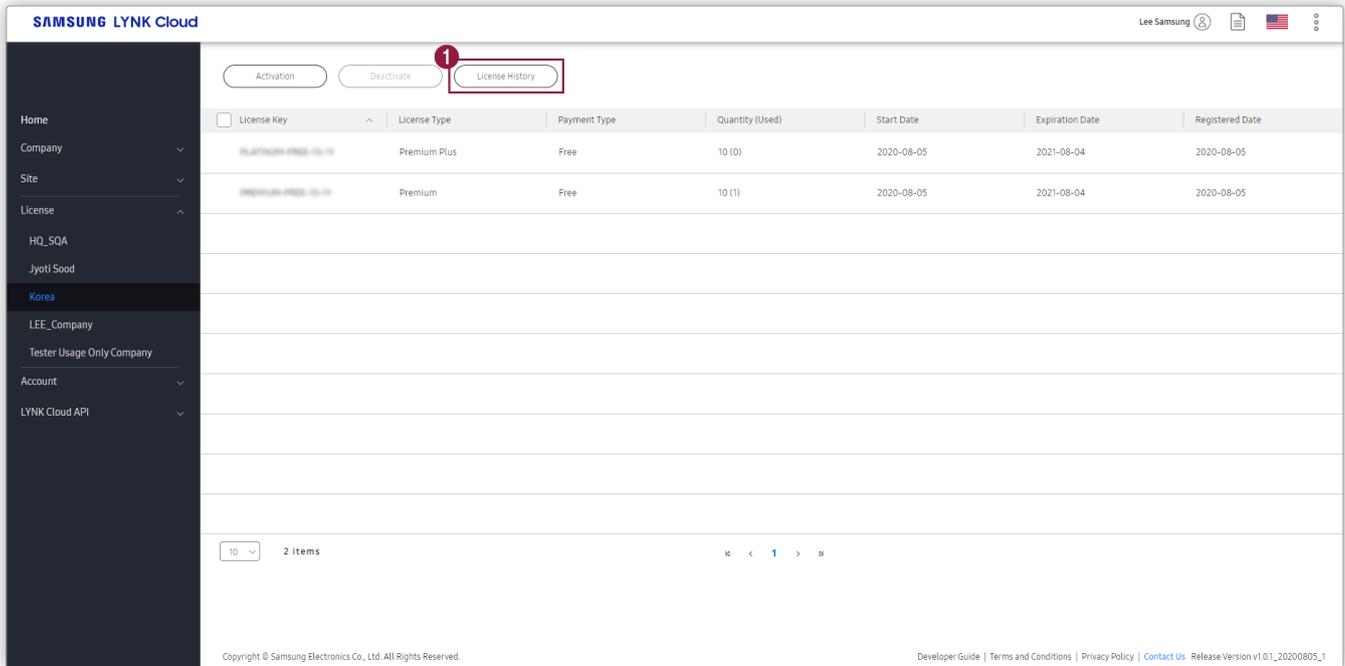
Reference

When a license expiration date is approaching, a notification is sent to the user's email address and the details appear in the **Notification** area at the top right.

Checking licenses

Check the status of license registrations and assignments.

- 1 To view the history of license registrations, click **1 License History**.



SAMSUNG LYNK Cloud Lee Samsung

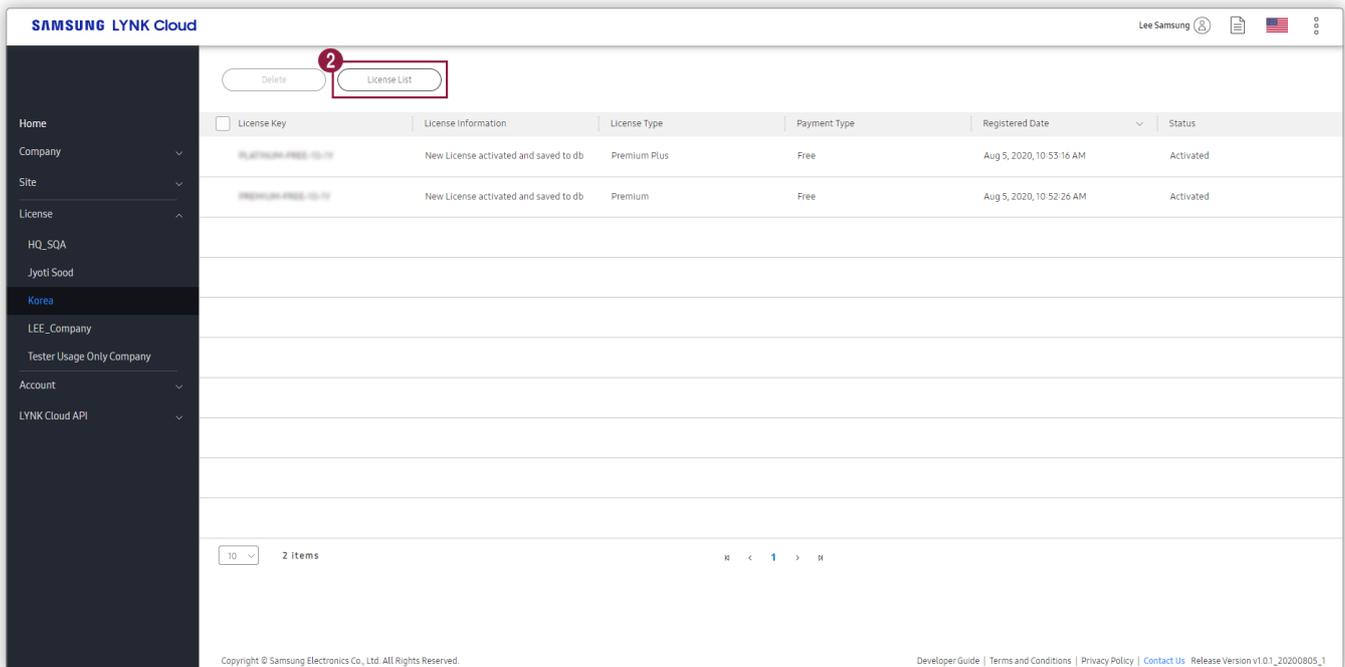
Activation Deactivate **1 License History**

License Key	License Type	Payment Type	Quantity (Used)	Start Date	Expiration Date	Registered Date
PLATINUM-PRBS-10-10	Premium Plus	Free	10 (0)	2020-08-05	2021-08-04	2020-08-05
PREMIUM-PRBS-10-10	Premium	Free	10 (1)	2020-08-05	2021-08-04	2020-08-05

10 2 Items

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- 2 To view the list of licenses, click **2 License List**.



SAMSUNG LYNK Cloud Lee Samsung

Delete **2 License List**

License Key	License Information	License Type	Payment Type	Registered Date	Status
PLATINUM-PRBS-10-10	New License activated and saved to db	Premium Plus	Free	Aug 5, 2020, 10:53:16 AM	Activated
PREMIUM-PRBS-10-10	New License activated and saved to db	Premium	Free	Aug 5, 2020, 10:52:26 AM	Activated

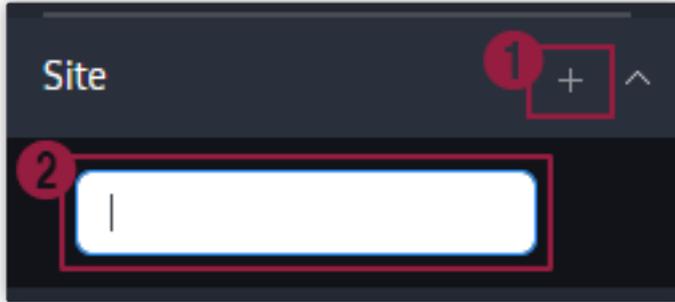
10 2 Items

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Creating and configuring a site

Creating a Site Group

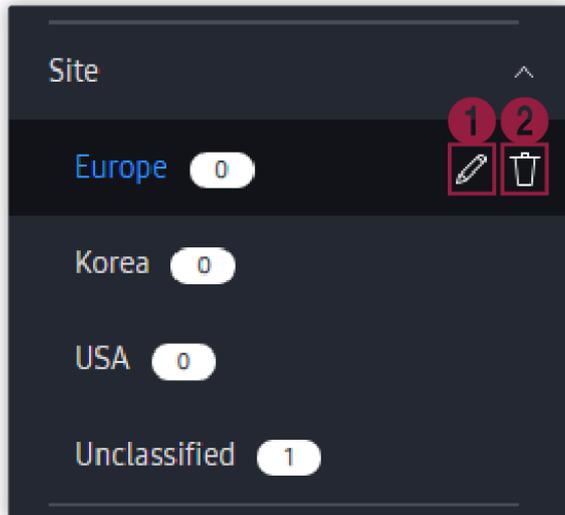
Use the **Site Group** menu to group multiple sites for easy management.



- 1 Move the cursor to the **Site** menu on the left and the + button appears. Click the + button and a text entry box appears at the bottom.
 - 2 You can create the **Site Group** by entering the group name you want.
-

Amending Site Group name or deleting Site Group

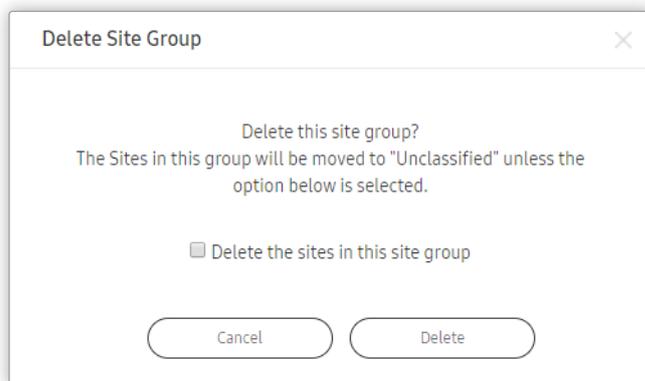
When you move the cursor to the **Site Group** created in the left **Site** menu, two icons appear.



- 1 You can edit the **Site Group** name.

You can delete **Site Group**.

Click the  icon. A confirmation window appears asking if you want to delete. Click **Delete** to delete the user.



2

Reference

- To delete a site group and the sites that belong to the group together, select the **Delete the sites in this site group** option checkbox and click **Delete**.
- If you click **Delete** without selecting the **Delete the sites in this site group** option checkbox, the sites that belong to the site group are moved to the **Unclassified** group.
- Deleting the **Site** deletes all data related to the **Device** and **TV Configuration** etc. registered in the **Site**.

Adding Site

Add a hotel or accommodation that you manage, as a site.

- 1 Go to the **Site Group** screen by clicking the **Site Group** to add **Site** in the menu on the left and click **Add** at the top.

The screenshot shows the 'Add Site' form with the following fields and callouts:

- 1** Site Name: A text input field with the placeholder 'Enter the site name.' This field is highlighted with a red box and a red circle containing the number 1.
- 2** Time Zone: A dropdown menu with 'Time Zone' selected. This field is highlighted with a red box and a red circle containing the number 2.
- 3** Netflix: A checkbox labeled 'Enable' next to the text 'Netflix'. This field is highlighted with a red box and a red circle containing the number 3.

Other fields in the form include: Site Group (dropdown, 'Unclassified'), Site Account (dropdown, 'Lee Samsung'), Address (text input), State/Province (text input), Zip Code (text input), Location (dropdown), and Currency (dropdown). At the bottom, there are 'Cancel' and 'Save' buttons, and a legend for '* Required Field'.

Enter the **Site Name**.

1

 **Reference**

To avoid a duplicate site name, enter a name in detail in the Name field.

2

Select the **Location** where the actual **Site** is located.

The **Site** is automatically created on the LYNK Cloud server corresponding to the selected **Location**.

Netflix is exposed only to certain **Company** administrator / Users set by the LYNK Cloud administrator.

To use Netflix, select the **Enable** checkbox. If you agree to the terms and conditions and the policy, select the **I agree** checkbox.

Click **Save** to automatically install Netflix.

3

 **Reference**

- When using Netflix, make sure to follow the terms and conditions and the policy you agreed to.
- Removing **I agree** deletes Netflix Application.
- The Netflix application is supported in the HRU750 model only.
- Only users that have been granted access to Netflix through the cloud administrator can enable Netflix.

2 Enter the items on the screen in order, and then click **Next**.

3 When the **DATA PROCESSING AGREEMENT** window appears, check the contents in order and click **Accept**. Adding the site is complete.

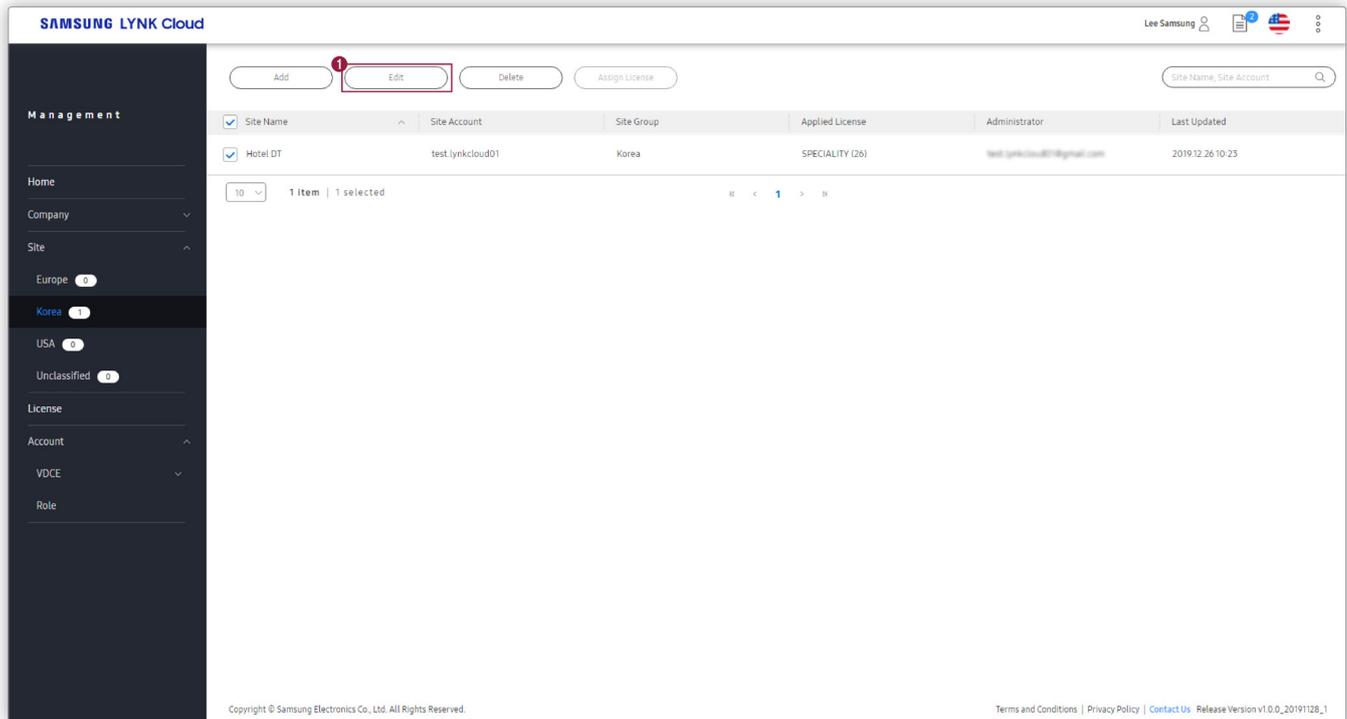
 **Reference**

DATA PROCESSING AGREEMENT states that the hotel entrusts Samsung to manage personal information and data created at the hotel. Read the terms and conditions. If you agree, click **Accept**.

Amending and deleting Site information

Amending Site Information

- 1 To edit site information, click the site or select the checkbox to the left of the site, and then click **1 Edit**.

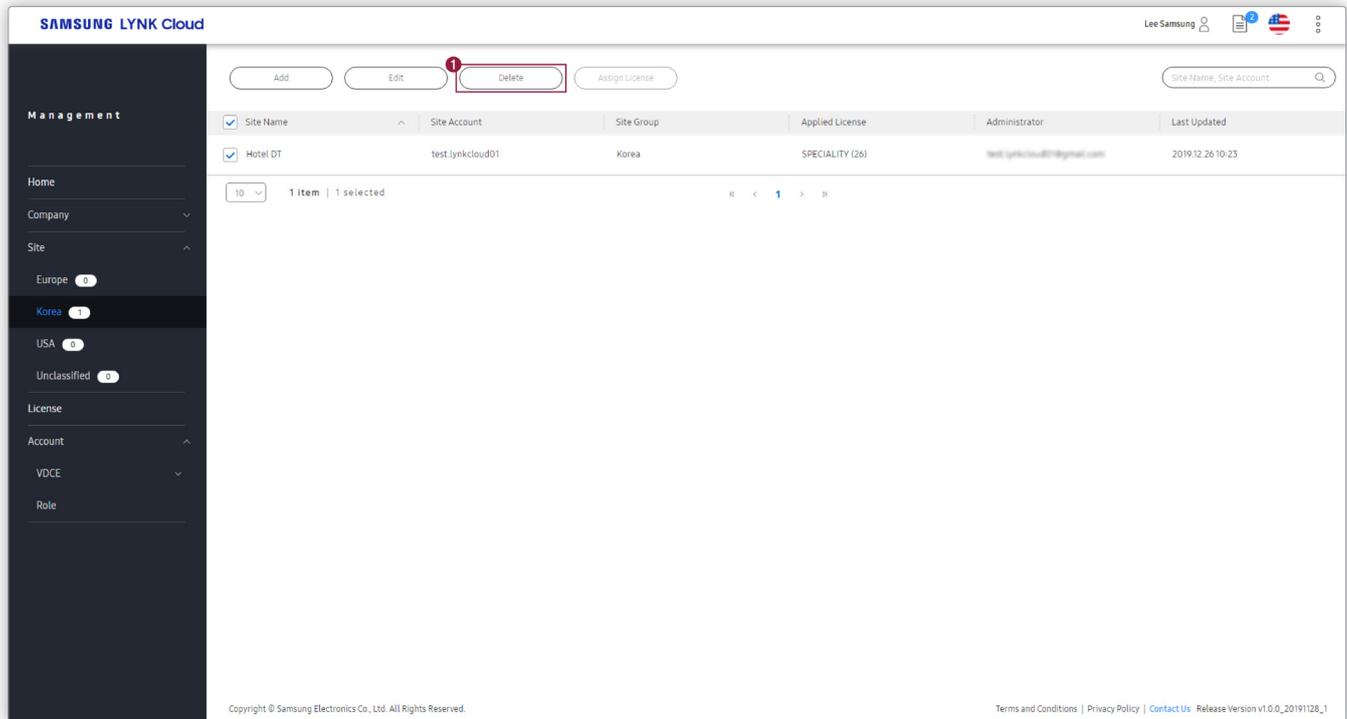


The screenshot displays the SAMSUNG LYNK Cloud management interface. On the left is a dark sidebar with a 'Management' menu containing options like Home, Company, Site, Europe, Korea, USA, Unclassified, License, Account, VDCE, and Role. The main content area features a table with columns: Site Name, Site Account, Site Group, Applied License, Administrator, and Last Updated. A single row is visible with the site name 'Hotel DT'. Above the table, there are buttons for 'Add', 'Edit', 'Delete', and 'Assign License'. The 'Edit' button is highlighted with a red box and a red circle containing the number '1'. A search bar is located at the top right of the main area. At the bottom of the page, there is a copyright notice and a footer with links for Terms and Conditions, Privacy Policy, Contact Us, and Release Version.

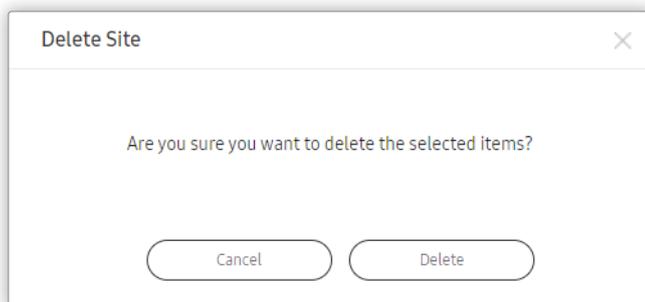
Site Name	Site Account	Site Group	Applied License	Administrator	Last Updated
Hotel DT	test.lynkcloud01	Korea	SPECIALITY (26)	test.lynkcloud01@gmail.com	2019.12.26 10:23

Deleting the Site

- 1 Select the checkbox to the left of the site to delete, and then click the **1 Delete** button.



- 2 When a confirmation window appears asking if you want to delete, click **Delete**. Deleting is complete.



Reference

- It is possible to select and delete multiple sites simultaneously.
- Deleting the **Site** deletes all data related to the **Device** and **TV Configuration** etc. registered in the **Site**.

Account Management

Add, edit or delete user accounts. Approve or reject a request to register an account to the company.

A company administrator or users with relevant privileges can create a role or grant a role to other users.

Adding users

To add a user and assign a site and role to the user, click the company name you want from the **Account** menu on the left. It moves to the Account Management page.

- 1 On the account management page, click **Add** at the top.

Add User [Close]

User Information

- * User ID: Enter the Samsung account of this user.
- * Role: Select a role.
- * Company: Korea
- Site: Select one or more sites to allow management.
- Contact Email: A different email address for receiving inform...
- Emergency Notification: Send SMS
- Phone: Enter your phone number. (+00-00-0000-00...

* Required Field

Cancel Save

- 2 Enter the items on the screen in order, and then click **Save**. The user is added.

Reference

Only a valid Samsung account can be added as a user.

Editing the user and deleting

Editing the user

To edit the site or role of an added user, click the user from the user list or select the checkbox to the left of the user, and then click **Edit**.

Edit the following items as required: **Role**, **Site**, **Contact Email**, **Emergency Notification** and/or **Phone**.

Edit User
✕

User Information

* User ID

* Role

* Company

Site

Contact Email

Emergency Notification Send SMS

Phone

* Required Field

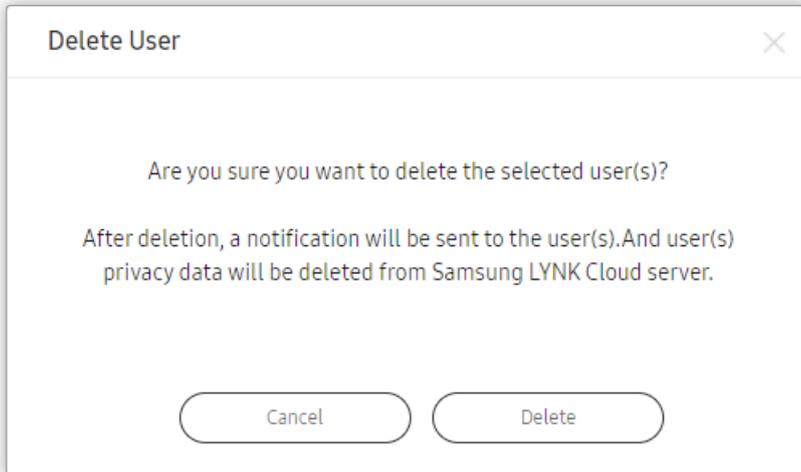
Reference

- You can easily assign a role and site to a user by selecting the checkbox to the left of the user and clicking **Assign**.
- If you select multiple users, **Edit** and **Assign** are deactivated. You can only edit information of one user at a time.
- **User ID** item cannot be edited.
- The **Emergency Notification** option is used to send an emergency notification or important notice as an SMS. Select the checkbox to agree. If you do not agree, deselect the checkbox.

Deleting a User

Select the checkbox to the left of the user to delete, and click **Delete**.

The pop-up window asking whether to delete again appears. Click **Delete** to delete the user.



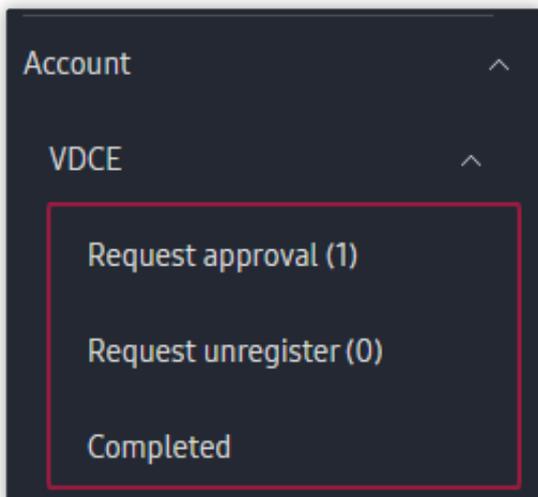
Reference

You can select multiple users and delete them at once.

Approving / declining and deleting join requests

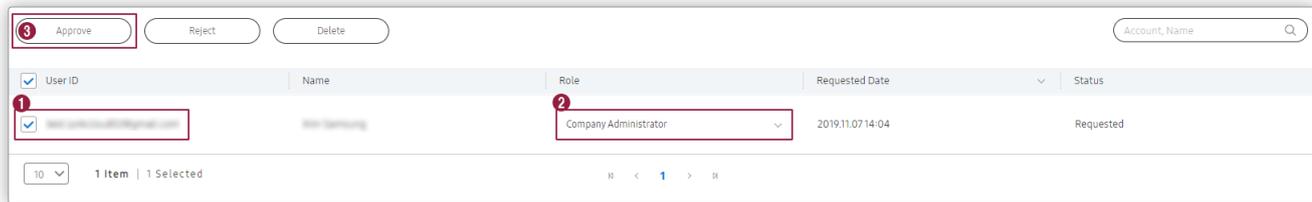
You can approve or unregister a user who has requested an account to **Company**.

If you click the left **Account** menu, the registered **Company** appears. If you select **Company**, menus related to account approval and release appear at the lower part.



Approving subscription

If there is the user who applied to join the **Company**, the **Request approval** menu appears.



1 Click the user whose request to join the company will be approved.

Decide on the **Role** to grant.

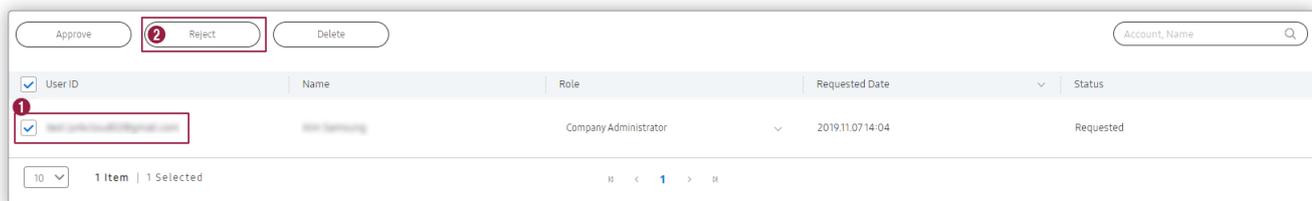
2  **Reference**

For more information about Role, see [Managing Role](#).

3 Click the **Approve**. A popup window asking whether you approve appears. Click **Yes** to approve the user to join.

Rejecting to join

You can reject the join of the person who requested to join.



1 Click the user whose request to join the company will be rejected.

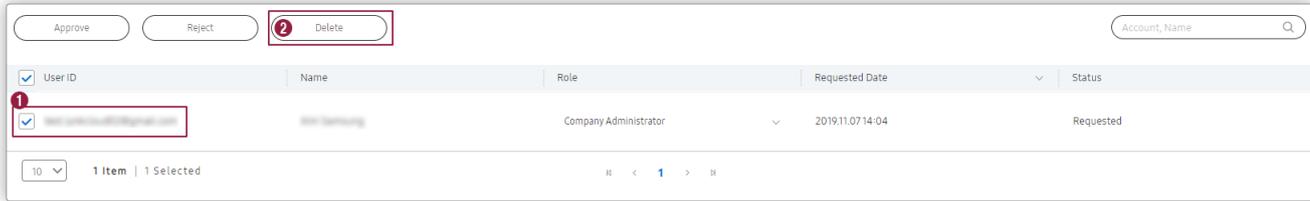
Click the **Reject**. A window appears asking why you want to reject the user. Write the reason for rejection and click **Reject** and the request is rejected.

2  **Reference**

The written reason for the rejection is sent to the mail of the rejected user. The rejected user can cancel or reapply for the application of the join request.

Deleting the join request

You can delete a list that was requested to join to **Company**.

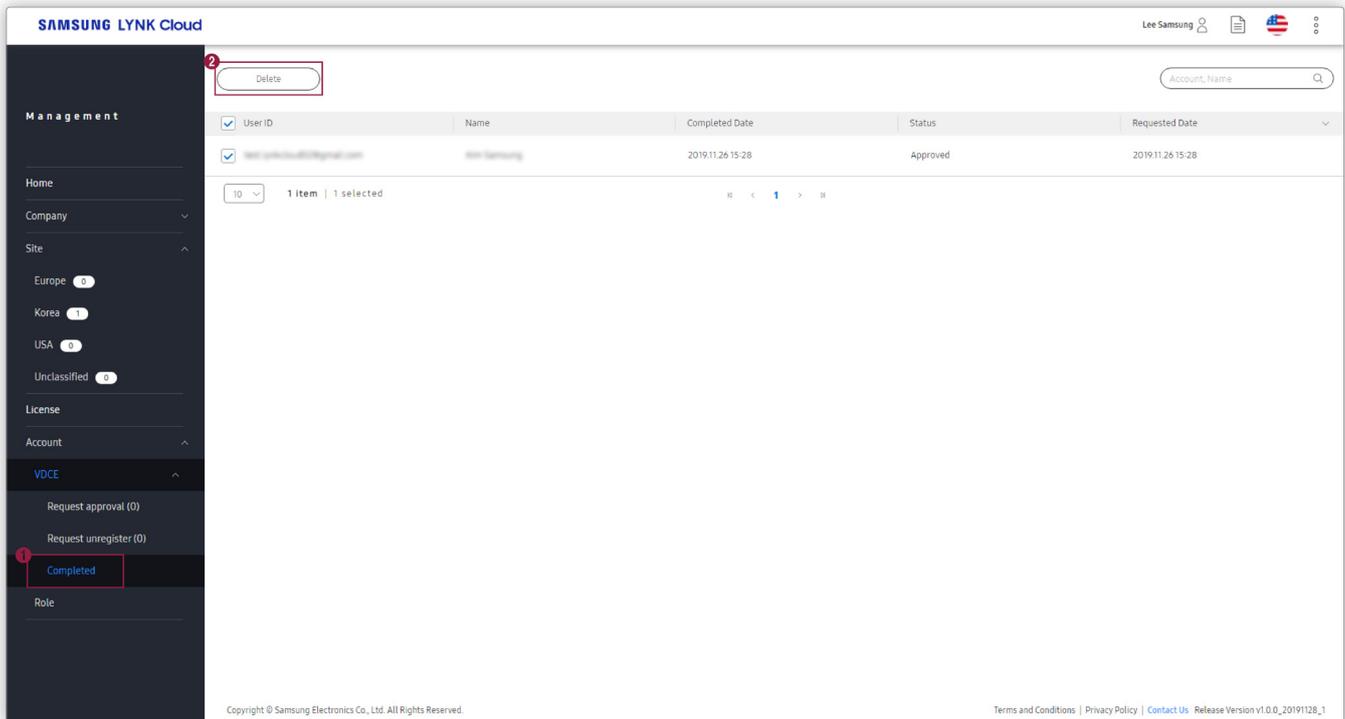


1 Select the user whose request to join the company will be deleted.

2 Click **Delete** to delete the user's request to join.

Viewing the list of account which were approved or where the rejection was completed

You can view the list of accounts which were approved or where the rejection was completed.



1 Click **Completed** among the submenu that appears when you click **Company** of the **Account** menu on the left.

2 Delete an account by clicking the account and pressing **Delete**.

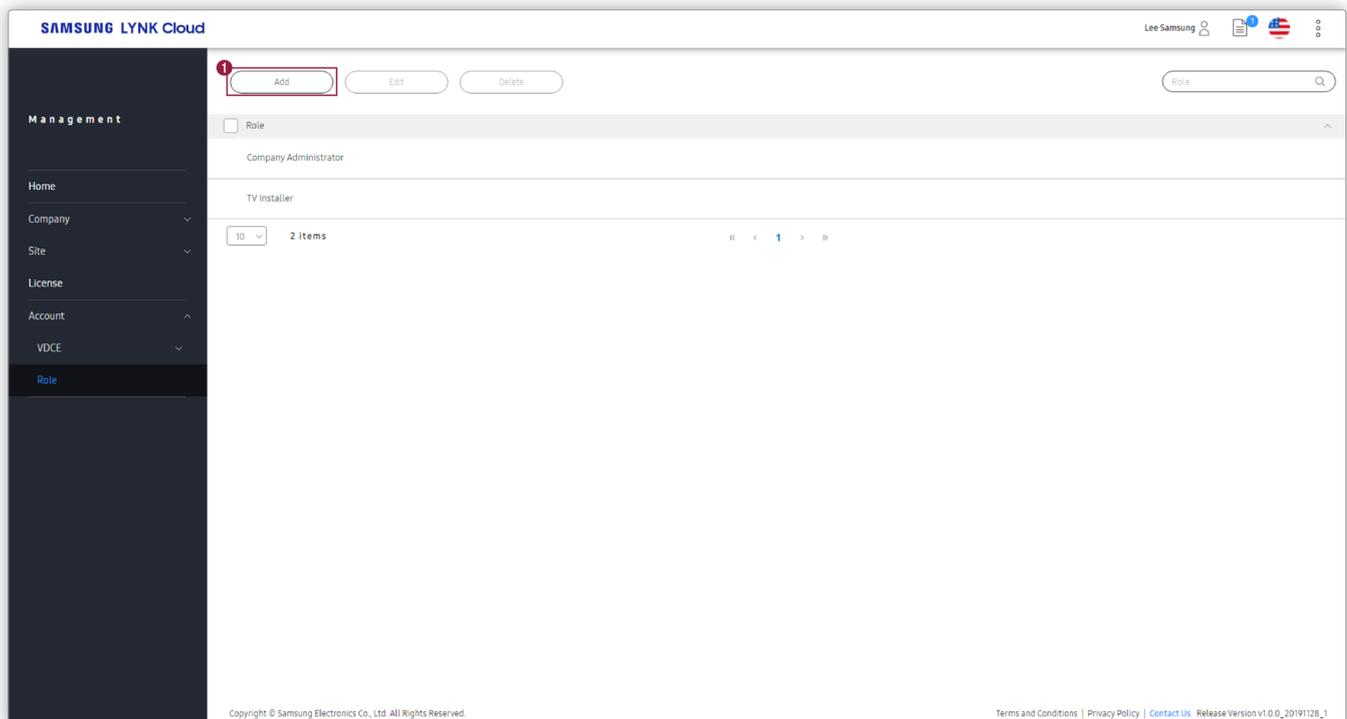
Managing Role

You can use each service or menu according to the authority set by each **Role**. This menu is used to add, edit or delete a role.

Adding Role

To add **Role**, click **Role** on the **Account** menu on the left. Go to the **Role Management** page.

- 1 Navigate to the role management page, and click **1 Add** at the top left.



- 2 Enter a role name in the displayed window, and click the **Check for Duplicates** button.

Reference

You can not use **Role name** by repeated.

3 Click the privileges to grant to the role. You can specify a user role and program access privileges, as follows.

Company Management

- 1 – **Full Access:** Grants the authority to join, edit, leave, and view the **Company**.
- **Read Only:** Grants the authority to inquire the **Company**.

Account Management

- 2 – **Full Access:** Grants the authority to create, edit, delete, and search **Users** and **Role**.
- **Read Only:** Grants the authority to inquire **User** and **Role**.

License Management

- 3 – **Activation:** Grants the authority to activate, deactivate, and view of the license.
- **Read Only:** Grants the authority to inquire licenses.

API Credentials Management

- 4 – **Full Access:** Grants privileges to manage **API** certificates.
- **Read Only:** Grants privileges to retrieve **API** certificates.

Content Management

- 5 – **Authoring:** Grants the authority to create and modify **Content**.
- **Publishing:** Grants the authority to be able to deploy **Content**.

Device Management

- 6 – **Configuration:** Grants privileges to register a device or create, edit, deploy or retrieve TV configuration.
- **Control:** Grants the authority to be able to remote control.

App Management

- 7 – Netflix: Grants privileges to manage the Netflix app.
-

Reference

Company Administrator and TV Installer are configured by the basic Role.

- **Company Administrator:** Full authorities are granted.
- **TV Installer:** Only the **Configuration** authority is granted.

- 4 Click the **Save**. Role is created.

Editing Role

- 1 Click the role to edit from the list or select the checkbox to the left of the role, and then click the **1** Edit button.

The screenshot displays the SAMSUNG LYNK Cloud management interface. On the left is a dark navigation sidebar with the following menu items: Management, Home, Company, Site, License, Account, VDCE, and Role. The main content area features a header with 'SAMSUNG LYNK Cloud' on the left and user information 'Lee Samsung' on the right. Below the header are three buttons: 'Add', 'Edit', and 'Delete'. The 'Edit' button is highlighted with a red box and a red '1' in a circle. To the right of these buttons is a search bar labeled 'Role'. Below the buttons is a table with a checkbox column and a list of roles: 'Role', 'Company Administrator', 'Company User', and 'TV Installer'. The 'Company User' row has a checked checkbox. At the bottom of the table, it shows '10' items per page, '3 items' total, and '1 selected'. The footer contains copyright information and links for Terms and Conditions, Privacy Policy, Contact Us, and Release Version v1.0.0_20191128_1.

- 2 Click to select or deselect the items to edit, and click the **2** Save button.

The screenshot shows the 'Edit Role' dialog box. At the top, there is a 'Company' field with a red asterisk and a blurred value. Below that is a 'Role Name' input field with a red asterisk and a 'Check for Duplicates' button. The main area contains a list of permissions, each with a checkbox and two radio button options:

- Company Management
 - Full Access
 - Read Only
- Account Management
 - Full Access
 - Read Only
- License Management
 - Activation
 - Read Only
- API Credentials Management
 - Full Access
 - Read Only
- Content Management
 - Authoring
 - Publishing
- Device Management
 - Configuration
 - Control

At the bottom, there are two buttons: 'Cancel' and 'Save'. The 'Save' button is highlighted with a red circle and the number 2.

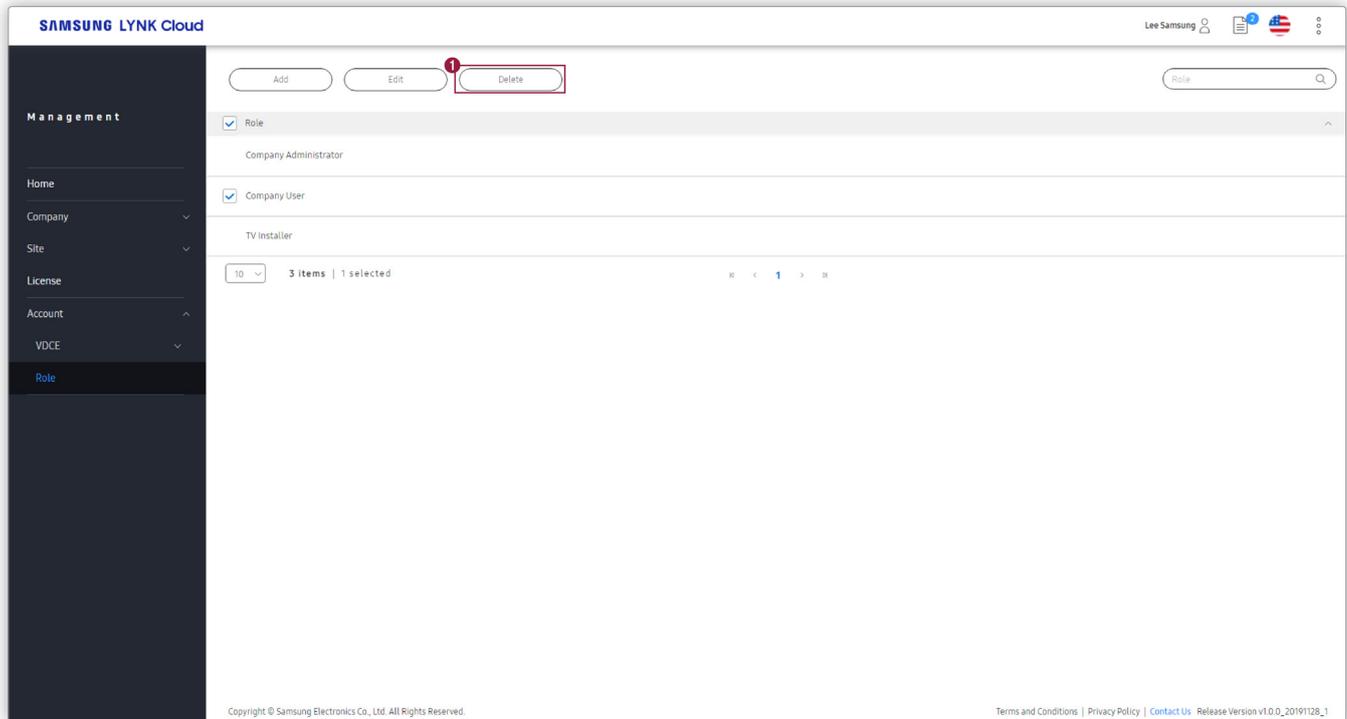
Reference

- The **Company Administrator** and **TV Installer** roles are default roles and cannot be edited.
- If you select multiple roles, the **Edit** button is disabled. You cannot edit multiple **Role** at the same time.

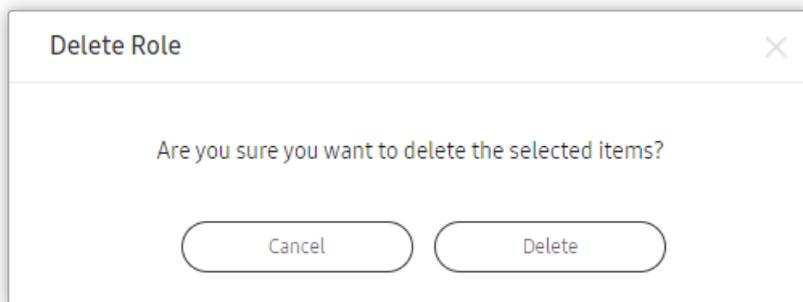
- 3 Confirm that editing has been done properly.

Deleting the Role

- 1 Select the checkbox to the left of the role to delete, and click the **Delete** button.



- 2 In the displayed window asking if you want to delete, click **Delete**. Deleting is complete.



Reference

- The **Company Administrator** and **TV Installer** roles are default roles and cannot be edited.
- It is possible to select and delete multiple roles simultaneously.

Issuing and managing an open API credential

Issue and manage a credential required to link to the LYNK Cloud open API (Application Programming Interface) of a partner.

Requesting a credential

You can use the corresponding functions from the **LYNK Cloud API** menu on the left.

- 1 To request issuing a credential, click the **1 Add** button at the top of the ALL menu screen.

The screenshot displays the SAMSUNG LYNK Cloud dashboard. On the left, a dark sidebar menu contains options: Home, Company, Site, License, Account, LYNK Cloud API, All, and History. The 'All' option is selected and highlighted. At the top of the 'All' menu, there are two buttons: 'Add' and 'Delete'. The 'Add' button is circled in red and has a red '1' next to it, indicating the step described in the text. The main content area shows a table with columns: Contact Name, Purpose, Company, Site, Status, Registered Date, Expiration Date, Client ID, and Secret. The table contains several rows of data. At the bottom of the table, there is a pagination control showing '10' items and a page number '1'.

Contact Name	Purpose	Company	Site	Status	Registered Date	Expiration Date	Client ID	Secret
...
...
...
...
...

2 Enter information required to issue a credential.

The screenshot shows a dialog box titled "Add API Credentials" with a close button (X) in the top right corner. The dialog contains the following fields and controls:

- Contact Name:** A text input field with the placeholder "Enter a contact name who manages credentials." (marked as required with a red asterisk).
- Contact Email:** A text input field with the placeholder "Enter email address." (marked as required with a red asterisk).
- Company:** A dropdown menu with the placeholder "Select or enter a company name." (marked as required with a red asterisk).
- Site:** A checkbox labeled "Specify Site" and a dropdown menu with the placeholder "Select sites." (marked as required with a red asterisk).
- Purpose:** A text input field with the placeholder "Enter a purpose." (marked as required with a red asterisk).
- Expiration Date:** A date picker field with a calendar icon (marked as required with a red asterisk).
- Scope:** Two dropdown menus with "Select" as the placeholder, followed by an "Add" button (marked as required with a red asterisk).
- Comment:** A text area with the placeholder "Enter comment." (marked as required with a red asterisk).

At the bottom left, there is a legend: "Required Field" with a red asterisk. At the bottom right, there are two buttons: "Cancel" and "Request".

- **Contact Name:** Enter the name of the person that will manage the credential to be issued. (e.g. PMS middleware developer)
- **Contact Email:** Enter the email address of the person that will manage the credential to be issued.
- **Company:** Select the company to which the credential will be issued.
- **Purpose:** Enter the purpose of issuing the credential.
- **Expiration Date:** Specify the expiration date.
- **Scope:** Select the valid API type and the scope of applications.

Reference

- * is the item which must be written essentially.
- To specify a particular site, select the **Specify Site** option and select the site you want. If **Specify Site** is not selected, the credential is applied to all sites of the company.

3 View the list to confirm that requesting is complete.

The screenshot displays the SAMSUNG LYNK Cloud dashboard. On the left is a dark sidebar with navigation options: Home, Company, Site, License, Account, LYNK Cloud API, All (selected), and History. The main area features a table with the following columns: Contact Name, Purpose, Company, Site, Status, Registered Date, Expiration Date, Client ID, and Secret. The table contains several rows of data, with the first row showing a contact named 'ABC' with a purpose of 'ABC Test' and a status of 'APPROVED'. Below the table, there is a pagination control showing '10' items and a page number '1'. At the bottom of the dashboard, there is a footer with copyright information and links to Developer Guide, Terms and Conditions, Privacy Policy, and Contact Us.

Reference

- The **Status** value shows the current progress of a credential issuing request.
- As soon as the SAMSUNG LYNK Cloud administrator approves a request, a credential is issued automatically.

- 4 After issuing a credential is complete, you can view the details from the list and the details page.

API Credentials Information ✕

* Contact Name

* Contact Email

* Company ▼

Site ▼

* Purpose

* Expiration Date

* Scope

Apps | Write

PMS | Write

Licenses | Read

Client ID 📄

Secret 📄

Comment

* Required Field

Reference

- You can copy the client ID and secret by clicking 📄.
- To extend the expiration date in advance, press the **Extend** button.

5 Use the **History** menu to check for credentials that are not valid for use.

The screenshot shows the SAMSUNG LYNK Cloud interface. On the left is a dark sidebar with navigation options: Home, Company, Site, License, Account, LYNK Cloud API, All, and History. The main area displays a table with columns: Contact Name, Purpose, Company, Site, Contact Email, Completed Date, Status, and Registered Date. There are 8 items in the table. At the bottom, there is a pagination control showing '10' items and '8 Items'.

Contact Name	Purpose	Company	Site	Contact Email	Completed Date	Status	Registered Date
John Doe	Testing	John Doe	US Site	john.doe@gmail.com	2020-07-10 10:00	Valid	2020-07-10 10:00
John Doe	Testing	John Doe	US Site	john.doe@gmail.com	2020-07-10 10:00	Valid	2020-07-10 10:00
John Doe	To access the web console	John Doe	US Site	john.doe@gmail.com	2020-07-10 10:00	Valid	2020-07-10 10:00
John Doe	Test	John Doe	US Site	john.doe@gmail.com	2020-07-10 10:00	Valid	2020-07-10 10:00
John Doe	Testing	John Doe	US Site	john.doe@gmail.com	2020-07-10 10:00	Valid	2020-07-10 10:00
John Doe	The testing purpose	John Doe	US Site	john.doe@gmail.com	2020-07-10 10:00	Valid	2020-07-10 10:00
John Doe	The testing purpose	John Doe	US Site	john.doe@gmail.com	2020-07-10 10:00	Invalid	2020-07-10 10:00
John Doe	The testing purpose	John Doe	US Site	john.doe@gmail.com	2020-07-10 10:00	Valid	2020-07-10 10:00

Reference

Use the **Extend** button to request re-approval of an expired credential or a credential the issuing request of which has been rejected or canceled.

Managing devices

Use the real-time monitoring function in LYNK Cloud to remotely control and manage in-room TVs.

Registering the TV

Register the TV to be controlled by using LYNK Cloud.

When turning on the power after purchasing or resetting the TV, the initial setting screen appears automatically. Initial setup configures basic settings required for TVs to operate. With initial setup, you can easily register TVs and TV names (room numbers) and connect TVs to networks.

Log into a Samsung account that has a TV Installer role.

Reference

- Before initial setup, complete the connection of external devices.
- You must connect the INTERNET to register the TV to the Cloud. For details on Internet firewall settings, refer to [Firewall settings](#).
- Before registering a TV, make sure a site is assigned to the account that will be used when registering the TV to LYNK Cloud.
- Assign only one site to the account that will be used when registering the TV to LYNK Cloud. If multiple sites are assigned to a single user account, it is not possible to register a TV. Set up a **Site Account** on the **Site** menu. For details on how to create and configure a site, refer to [Creating and configuring a site](#).
- Make sure the TV installation location (IP address), the region for which you agreed to the Samsung Account terms and conditions, and the location you specified when creating the site from LYNK Cloud match one another. An error may occur during registration if the information does not match.

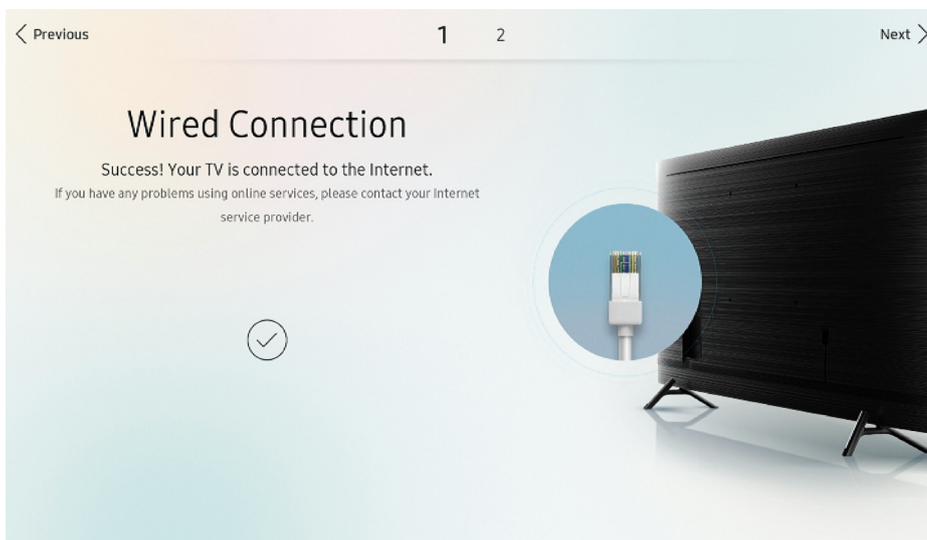
Setting up the TV

- 1 Select the current region.
- 2 Select the TV setting mode.
 - **Basic Setup:** Perform basic TV setup steps.
 - **Clone Mode:** Set up a TV, using a Clone file extracted from a different TV. Navigate to the **Factory Menu**, select **LYNK Cloud > Enrollment**, and then register the TV to LYNK Cloud.
 - **Factory Menu:** Enter **Factory Menu** without basic setup steps.
- 3 Enter the room number that corresponds to the TV name. The name you entered can be found in LYNK Cloud.

Reference

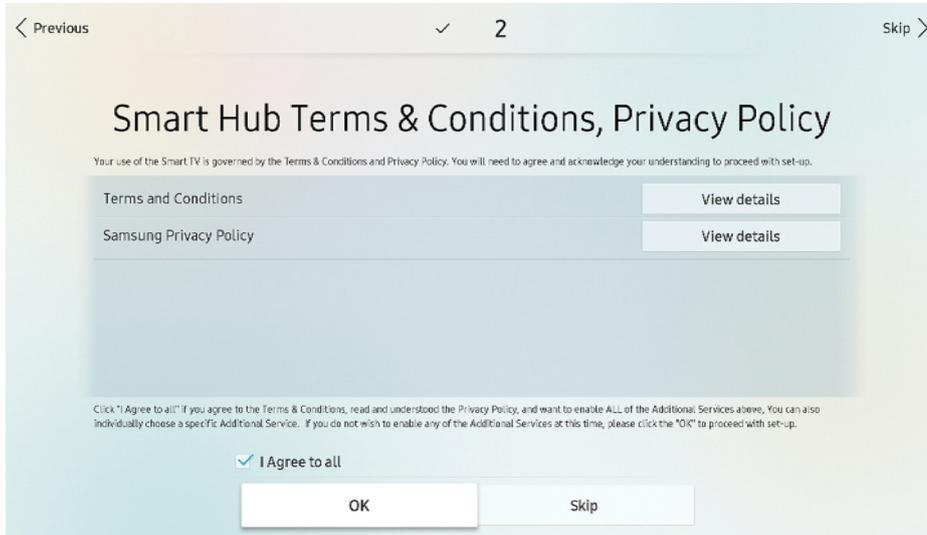
- The setup steps and process may differ depending on the model and region.
- If multiple TVs are installed in a room, enter a different name for each TV for identification.

Network connection



To register a TV to the cloud, make sure the TV is connected to the Internet.
Connect the Internet by wire or wireless.

Smart Hub Terms of Use and Consent to Collection and Use of Personal Information



< Previous ✓ 2 Skip >

Smart Hub Terms & Conditions, Privacy Policy

Your use of the Smart TV is governed by the Terms & Conditions and Privacy Policy. You will need to agree and acknowledge your understanding to proceed with set-up.

Terms and Conditions	View details
Samsung Privacy Policy	View details

Click "I Agree to all" if you agree to the Terms & Conditions, read and understood the Privacy Policy, and want to enable ALL of the Additional Services above. You can also individually choose a specific Additional Service. If you do not wish to enable any of the Additional Services at this time, please click the "OK" to proceed with set-up.

I Agree to all

OK Skip

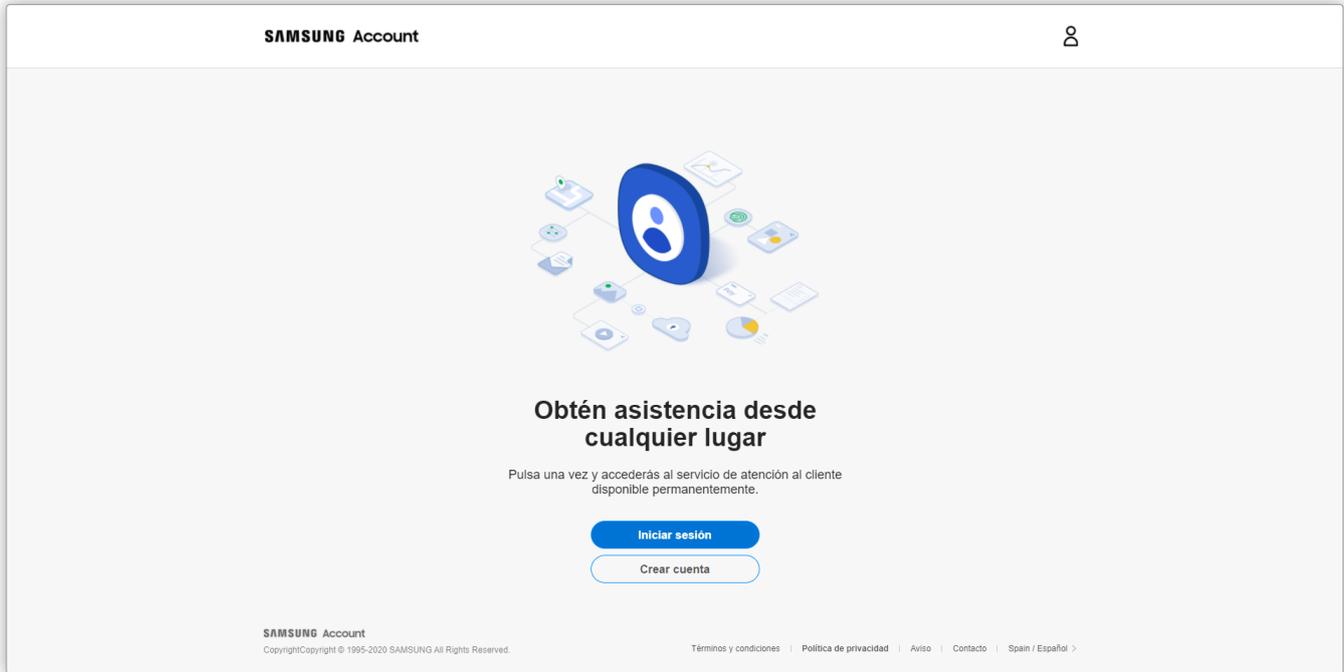
Agree to the terms and conditions of use and the terms of personal information collection and use, and then press OK to move on to the next step.

Reference

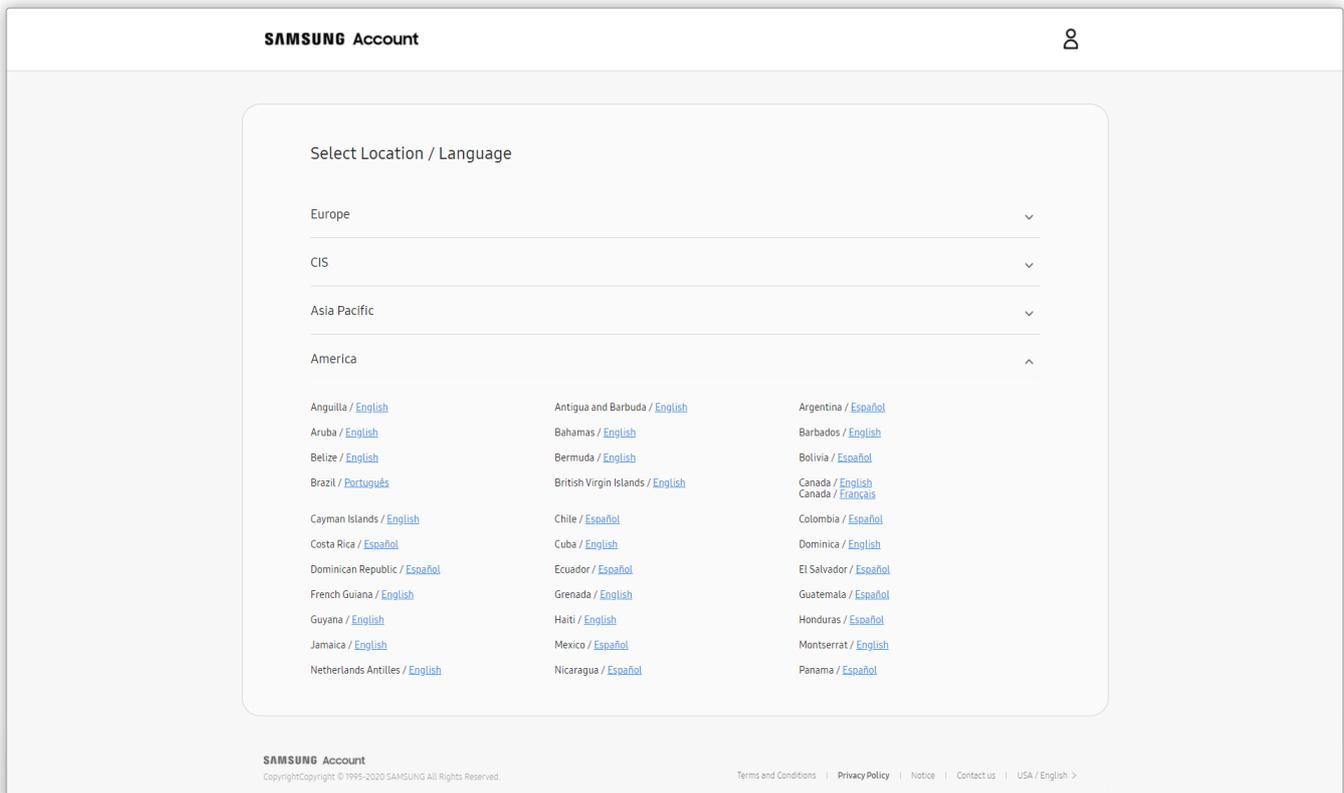
- Before you set up a TV, make sure to use your computer's web browser to log into the Samsung Account website and agree to the Samsung Account terms and conditions applied in the region where the TV is installed.
- For example, if you have signed up for a Samsung Account from a region that is not the USA and you want to register LYNK Cloud through a TV in the USA, you will need to agree to the Samsung Account terms and conditions applicable to the USA. For details on how to change the terms and conditions according to the region, refer to [Changing the Samsung Account terms and conditions according to the region](#).

Changing the Samsung Account terms and conditions according to the region

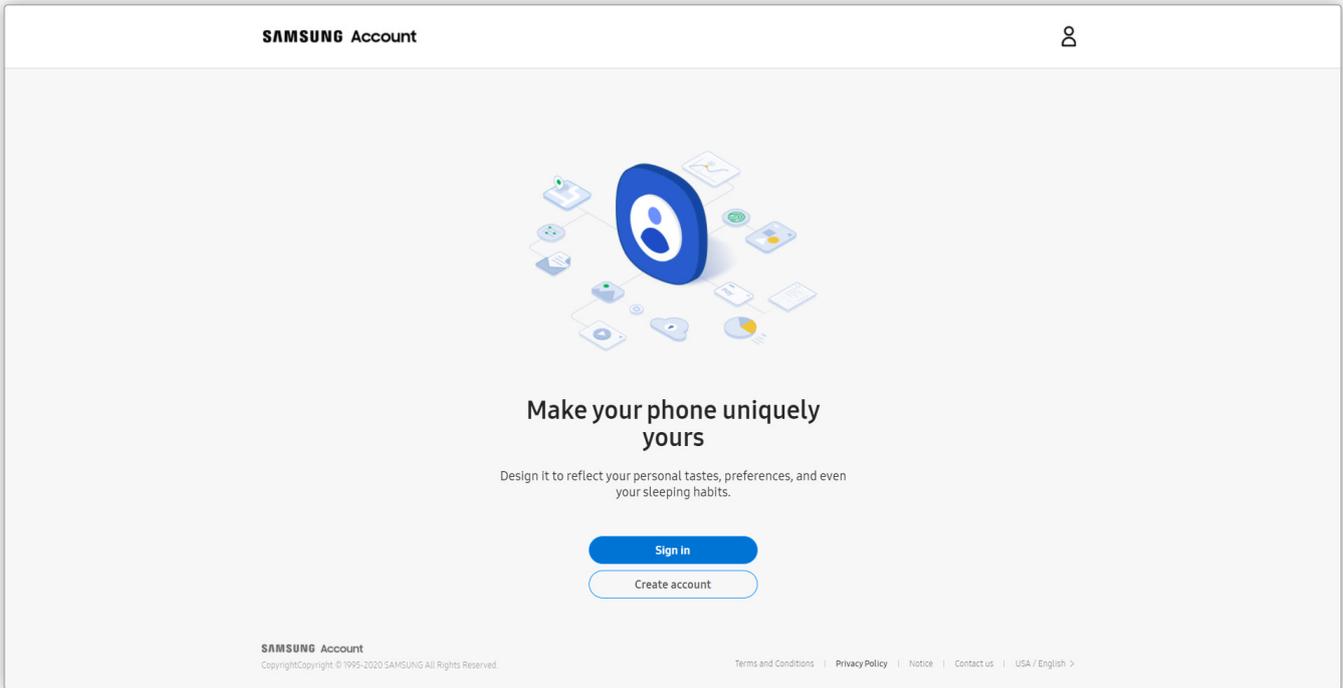
- 1 Access the Samsung Account website (<https://account.samsung.com>), and click the region/language at the bottom right.



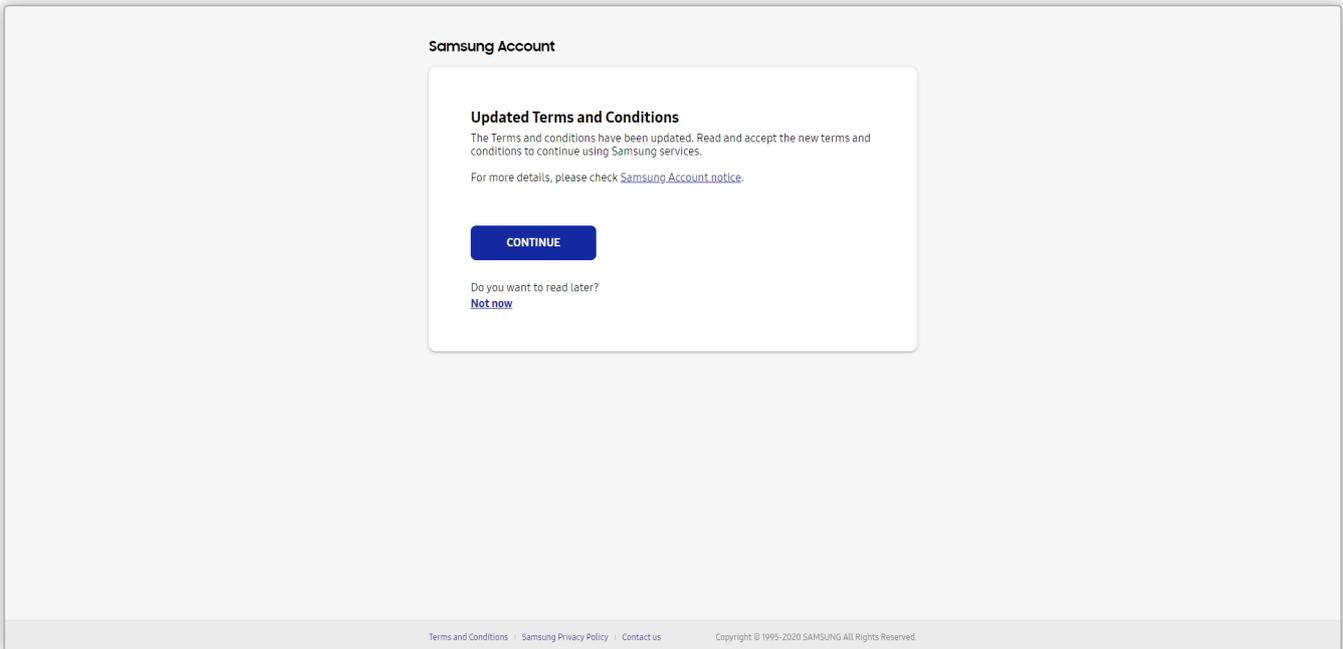
- 2 Select the same region as the region where the TV is installed.



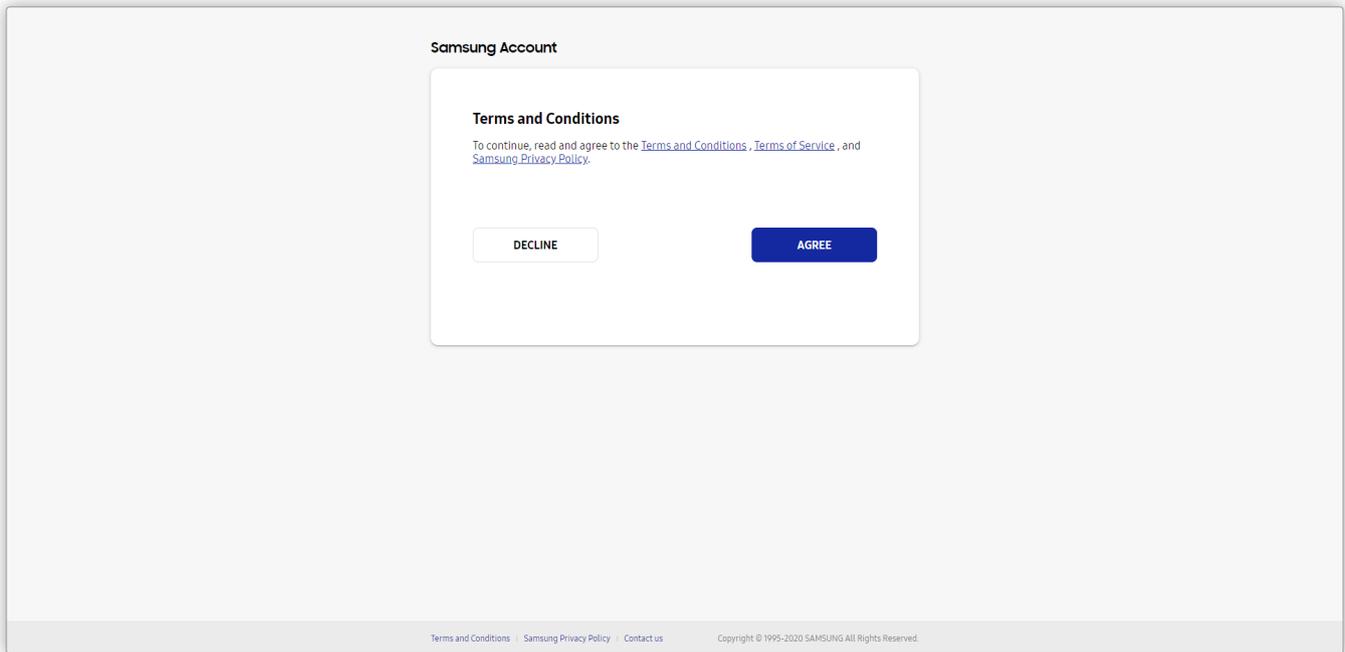
3 The Samsung Account website is displayed in the language of the selected region. Log in.



4 The terms and conditions and the policy are automatically updated. To continue, click CONTINUE.



5 Read the terms and conditions. If you agree, click AGREE.

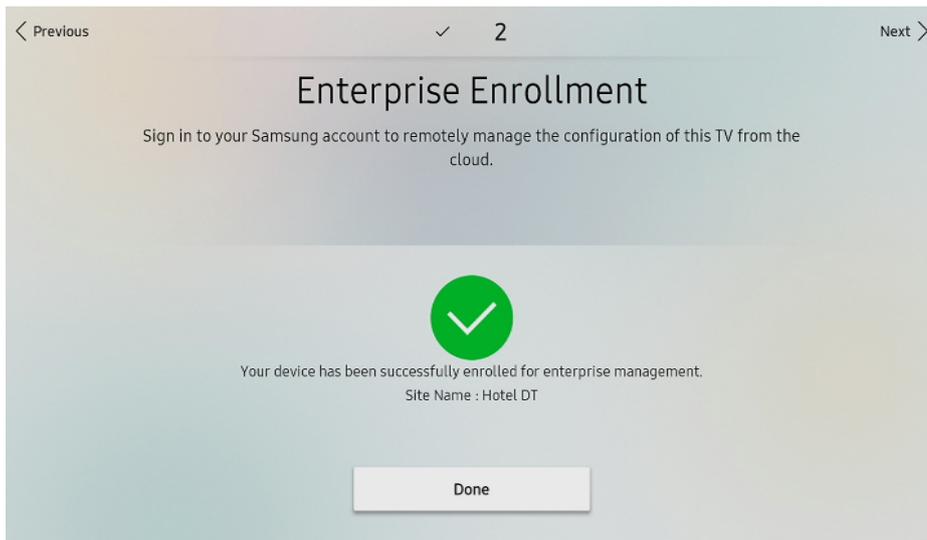


Registering a TV to LYNK Cloud

When logging in with a Samsung account, it can remotely manage the TV configuration in the Cloud. Log into a Samsung account that has a **TV Installer** role.

Reference

- To register a TV, make sure you have a Samsung account with a **TV Installer** role or an account with the **Configuration** privilege selected in **Device Management**.
- Make sure the TV installation location (IP address), the region for which you agreed to the Samsung Account terms and conditions, and the location you specified when creating the site from LYNK Cloud match one another. An error may occur during registration if the information does not match.
- You can also register TVs automatically, using the **USB Enrollment** function. For details on how to use the function, refer to [USB Enrollment](#).

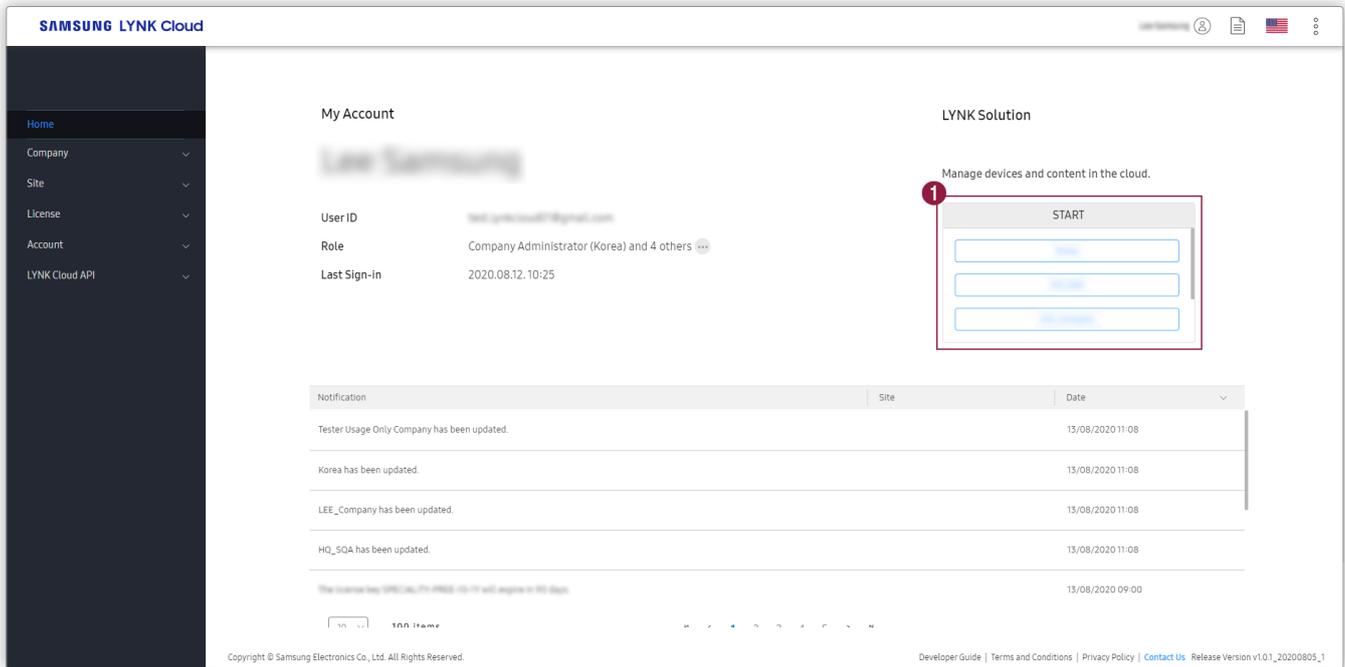


If there is no problem with your account, the **Your device has been successfully enrolled for enterprise management.** message appears and the TV is registered to the cloud.

Reference

- It is not possible to register a TV if the account to use when registering the TV to LYNK Cloud is assigned to multiple sites. Set up a Site Account on the Site menu. For details on how to create and configure a site, refer to [Creating and configuring a site](#).
- For errors that may occur when registering a TV, refer to [TV registration error codes](#).
- The registered TV can approve the TV registration request through the [Approving TV registration request](#).

Exploring the LYNK Cloud Home Screen

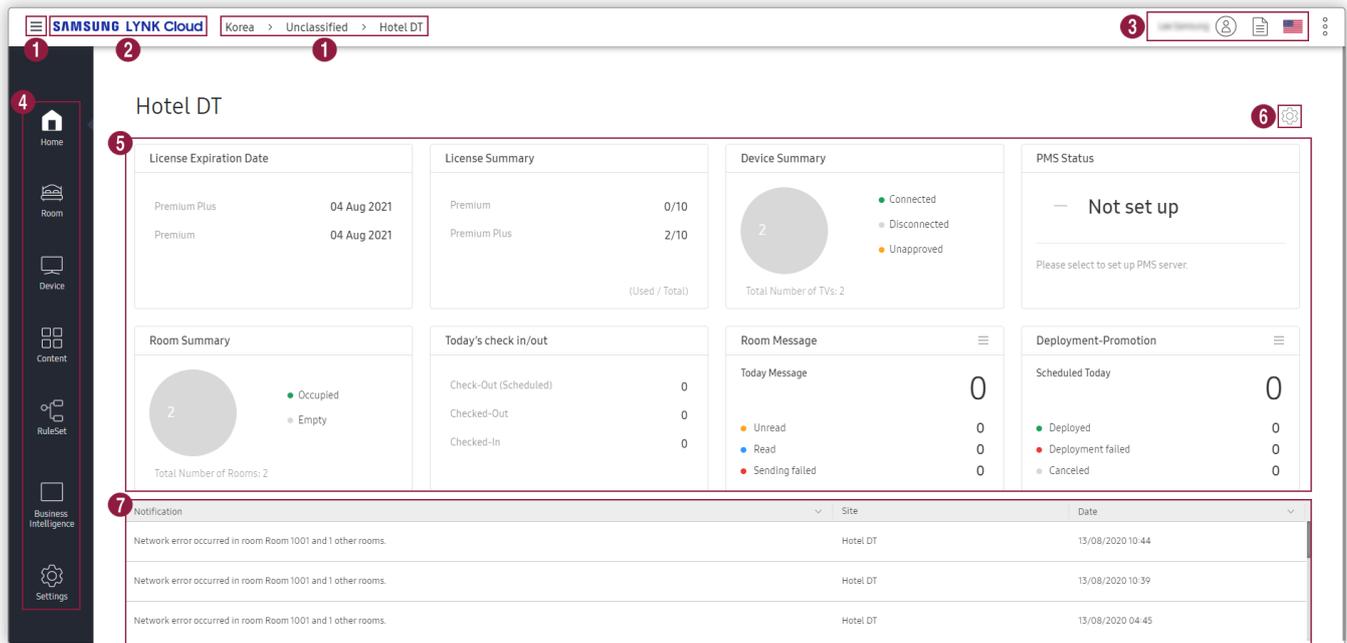


From the main screen of the LYNK Cloud portal, click the company of the site to connect to. You are to be connected to LYNK Cloud and the home screen will appear.

1

Reference

If there is more than one company, the names of individual companies are shown.



Reference

Provided screens and fixed menu items may not match the screens and menu items herein, depending on the privileges of the logged-in account.

- 1 You can see a list of **Site**. If you select another **Site** from the list, it is changed to the selected **Site**.
- 2 Go to the LYNK Cloud Portal main screen.
- 3 **User Information** and **Notification** can be checked and the basic display **Language** can be changed.
- 4 It is List of main menus of LYNK Cloud. If you click each menu, sub menu spreads or it moves to the corresponding menu screen.
See each chapter for a detailed explanation of each menu.

You can check the information of the **Site** by item.

- **License Expiration Date:** You can check the expiration date of the license.
- **License Summary:** You can check the license usage status.
- **Device Summary:** You can check the connection status of devices and the status of unauthorized devices.
- **PMS Status:** You can check the status of PMS server.
- **Room Summary:** You can check the room lodging status.
- **Today's check in/out:** You can check the Today's check-in / check-out status.
- **Room Message:** You can check the status of the message sent to the room and the incoming / outgoing status.
- **Deployment-Promotion:** You can check the deployment status of the promotion.
- 5 ▪ **Deployment-TV Configuration:** You can check the deployment status of TV settings.
- **Deployment-Project** You can check the project deployment status.
- **Deployment-Channel Map:** You can check the channel map deployment status.
- **Room Request:** You can view the requests sent from rooms.

Reference

- **Room Message / Deployment-Promotion / Deployment-TV Configuration / Deployment-Project / Deployment-Channel Map** You can check above by classifying per period of **Today, Weekly, Monthly, Annual, Specify Start Date** after clicking  at the top right corner.
- If you click each menu, you go to the relevant page.
- You can change the order of each menu by drag & drop.

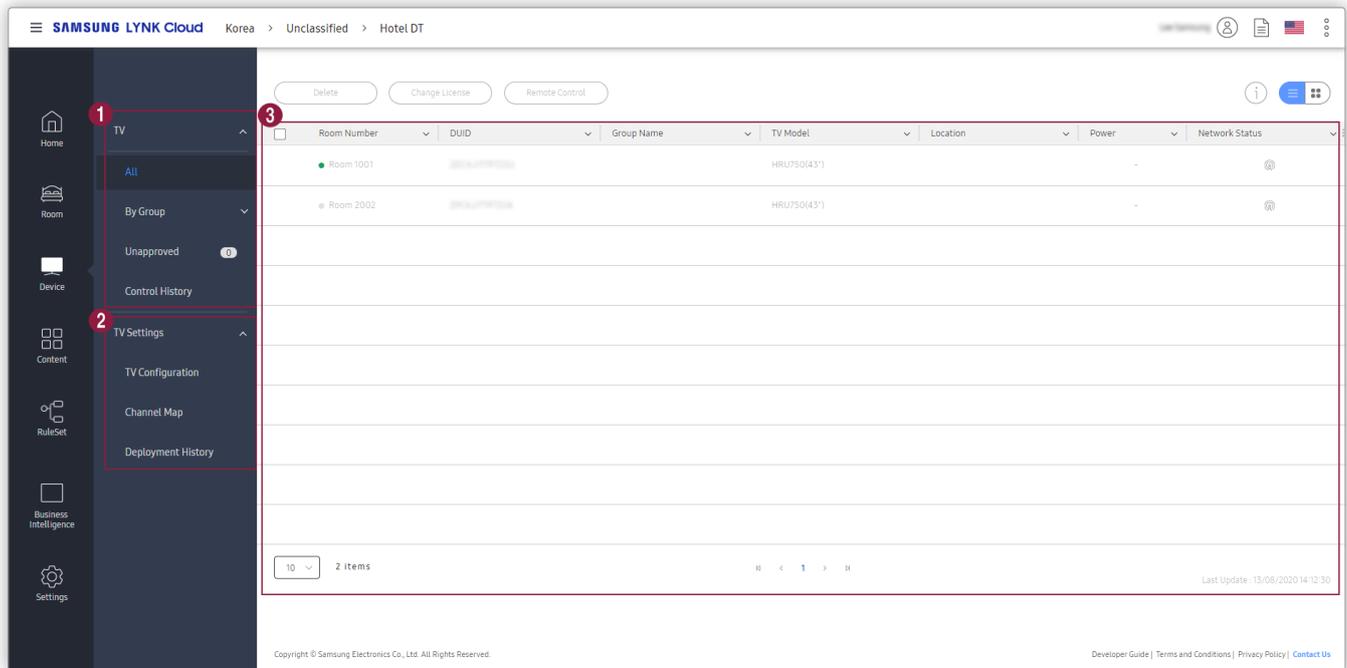
6 You can select or delete the list of information which is to display in area 5.

7 You can check the various notification history.

Device control

You can remotely control the TV in each room at Device Management.

Click **Device** from the menu list on the left. The following screen appears.



You can check the list of the remote TVs that you can control.

1

Reference

For details on how to register a TV, refer to [Registering the TV](#).

2

You can deploy to compose the settings of the TV and to enable applying en bloc.

3

Use the displayed list of registered TVs to check the current status of each TV (e.g., the room number, TV group, location, license status and power status).

Approving TV registration request

The list of TVs that have been approved for registration according to the steps specified in [Registering the TV](#) can be found in the **Unapproved** page.

- 1 Click **Unapproved** on the left menu. A list of the registered TVs appears.
- 2 When the registered TV appears in the list, place the cursor on the TV and click.

The screenshot displays the SAMSUNG LYNK Cloud interface. The top navigation bar shows 'Korea > Unclassified > Hotel DT'. The left sidebar contains a menu with 'Unapproved' highlighted in red. The main content area features a table with the following columns: Room Number, DUID, Samsung Account, Site, License, and MAC Address. A single row is visible with the following data: Room Number: 085, DUID: [redacted], Samsung Account: [redacted], Site: Hotel DT, License: PREMIUM, and MAC Address: [redacted]. The table has a search bar and a '1' indicator. The bottom of the page shows '10' items, '1 item | 1 selected', and a pagination control. The footer contains 'Copyright © Samsung Electronics Co., Ltd. All Rights Reserved.' and 'Terms and Conditions | Privacy Policy | Contact Us'.

3 When the popup window appears, enter the items that appeared on the screen in order.

 **Reference**

- You can assign an individual license to each device.
- You can set the Site and Group in advance.

4 Click the Approve. Registering the TV is approved.

Approve Device ✕

Room Number

DUID

Site ▼

Group ▼

TV

Location ▼

TV Serial Number

Request Date 18/12/2019

Samsung Account

License ▼

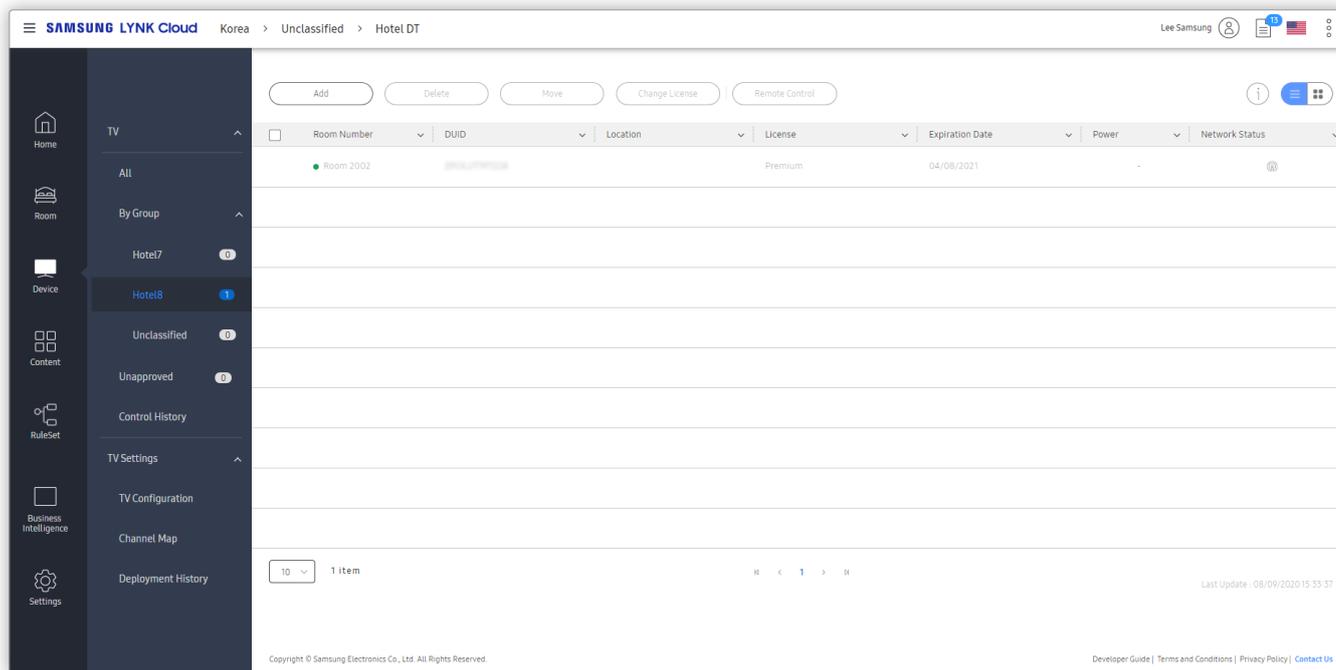
TV Firmware

Submicom

Network

IP Address

5 Click the corresponding group to view the list of approved TVs for registration.



Managing the TV as a group

Creating a group

Users can manage TVs approved for registration in groups.

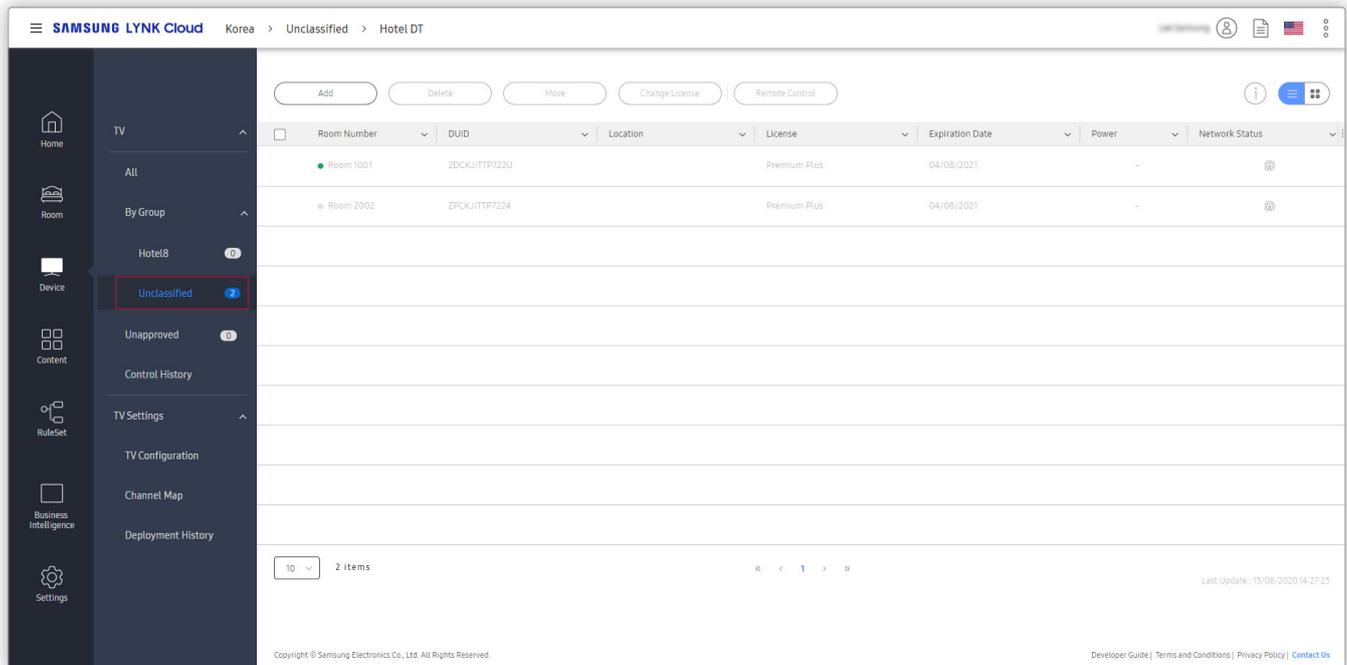
- 1 From the sub-menu items under TV, place the cursor on **By Group**. The + (**Add Group**) button appears.
- 2 Click the + button. A text input box appears at the bottom.
- 3 Enter a name of the group to create.

The screenshot shows the SAMSUNG LYNK Cloud interface for managing TVs. The breadcrumb navigation is Korea > Unclassified > Hotel DT. The left sidebar contains navigation options: Home, Room, Device, Content, RuleSet, Business Intelligence, and Settings. The main content area is titled 'TV' and has a sub-menu with 'All', 'By Group', 'Unclassified' (with a '2' badge), and 'Unapproved' (with a '1' badge). The 'By Group' sub-menu is expanded, showing a 'New' button highlighted with a red box. Below the sub-menu are options for 'Control History', 'TV Settings', 'TV Configuration', 'Channel Map', and 'Deployment History'. The main table has columns: Room Number, DUID, Location, License, Expiration Date, Power, and Network Status. Two rows are shown: Room 1001 and Room 2002, both with Premium Plus licenses and an expiration date of 04/08/2021. The bottom of the screen shows a pagination bar with '10' items per page, '2 items' total, and a 'Last Update: 13/08/2020 14:18:06' timestamp. The footer contains copyright information and links for Developer Guide, Terms and Conditions, Privacy Policy, and Contact Us.

Registering the TV to group

A list of the TV not grouped can be found in **Unclassified**.

- 1 Click the **Unclassified**.
- 2 Click the **Device** you want to include in the group.

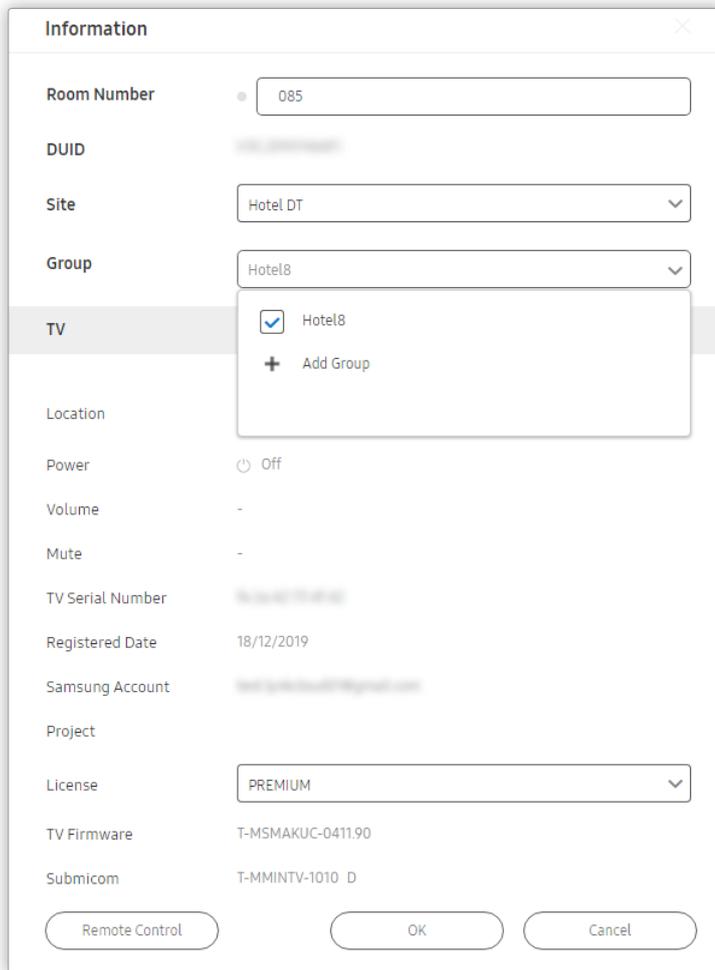


The screenshot displays the Samsung LYNK Cloud interface for managing devices. The breadcrumb navigation shows 'Korea > Unclassified > Hotel DT'. The left sidebar contains navigation options: Home, Room, Device, Content, RuleSet, Business Intelligence, and Settings. The 'Device' section is expanded, showing 'Hotel8' (0 devices) and 'Unclassified' (2 devices), with 'Unclassified' highlighted in red. The main content area shows a table of devices with columns: Room Number, DUID, Location, License, Expiration Date, Power, and Network Status. Two devices are listed:

Room Number	DUID	Location	License	Expiration Date	Power	Network Status
Room 1001	ZDCKJITP722U		Premium Plus	04/08/2021	-	📶
Room 2002	ZPCKJITP7224		Premium Plus	04/08/2021	-	📶

At the bottom, there is a pagination control showing '10' items per page and '2 items' total. The footer includes copyright information for Samsung Electronics Co., Ltd. and links for Developer Guide, Terms and Conditions, Privacy Policy, and Contact Us.

- 3 Click **Select a group**. A list of groups appears.
- 4 Select the checkbox of the group you want.
- 5 Click the **OK**.

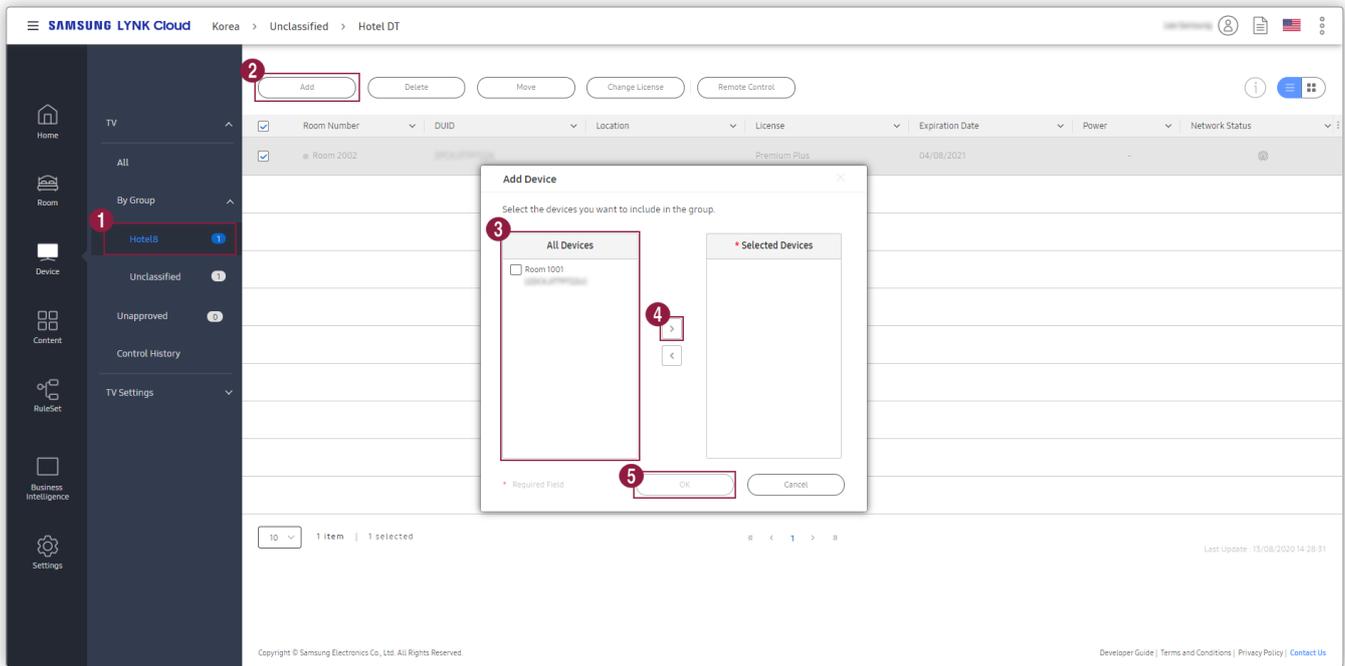


The screenshot shows a dialog box titled "Information" with a close button (X) in the top right corner. The dialog is divided into several sections. The "TV" section is highlighted with a grey bar. A dropdown menu is open for the "Group" field, showing "Hotel8" with a checked checkbox and an "Add Group" option with a plus sign. Other fields include "Room Number" (085), "DUID" (blurred), "Site" (Hotel DT), "Group" (Hotel8), "Location", "Power" (Off), "Volume" (-), "Mute" (-), "TV Serial Number" (blurred), "Registered Date" (18/12/2019), "Samsung Account" (blurred), "Project", "License" (PREMIUM), "TV Firmware" (T-MSMAKUC-0411.90), and "Submicom" (T-MMINTV-1010 D). At the bottom, there are three buttons: "Remote Control", "OK", and "Cancel".

The TV is registered to the selected group. To confirm that the TV has been registered successfully, click the group name from the menu list on the left. You can view the list of TVs that have been approved for registration to the group.

Registering multiple TVs in the group at once

In the group menu, you can register multiple TVs in the group at once.



1 Click the group where the TVs are to register.

2 Click **Add**. A pop-up window appears.

3 In **All Devices** on the left, a list of TVs that are not registered as a group appears. Place the cursor on the TV to add to the group and select the checkbox.

Place the cursor on the button and click. The selected TV moves to the **Selected Devices** on the right.

4  **Reference**

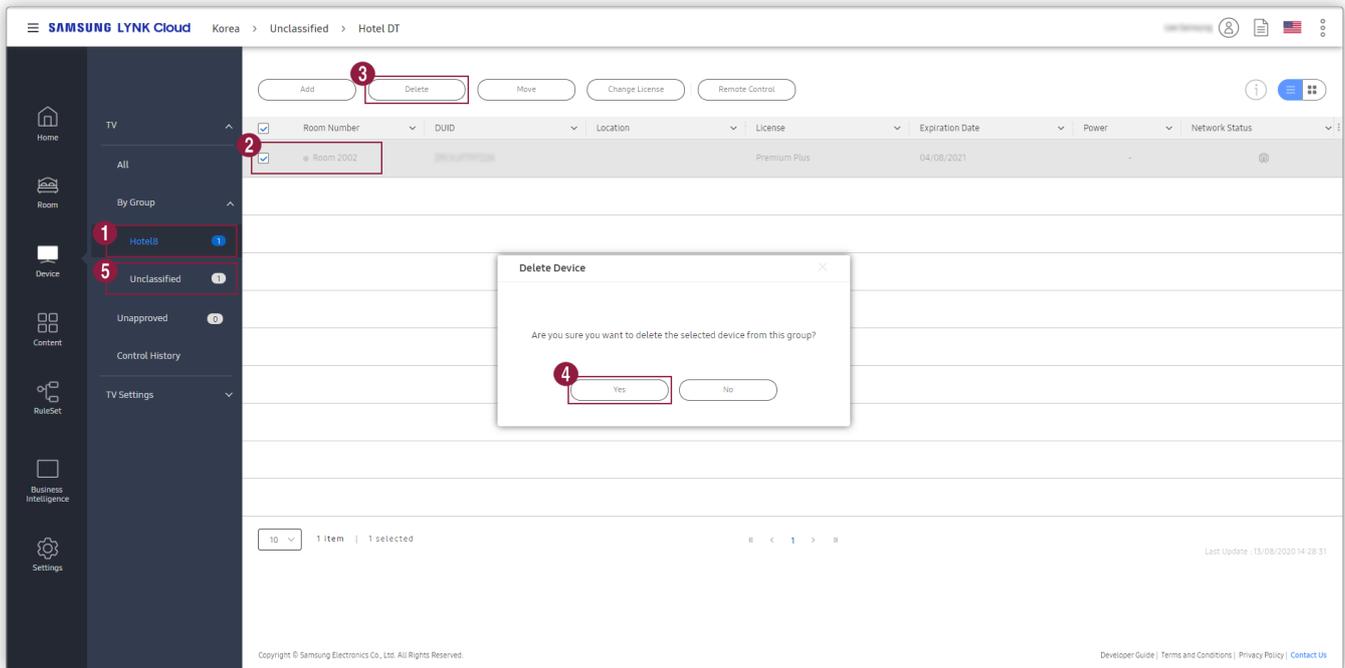
To cancel adding the TV to the group, select the TV from the list under **Selected Devices**, and then place the cursor on the button and click.

5 Click the **OK** button.

The selected TVs appear in the group list.

Deleting the TV from the group

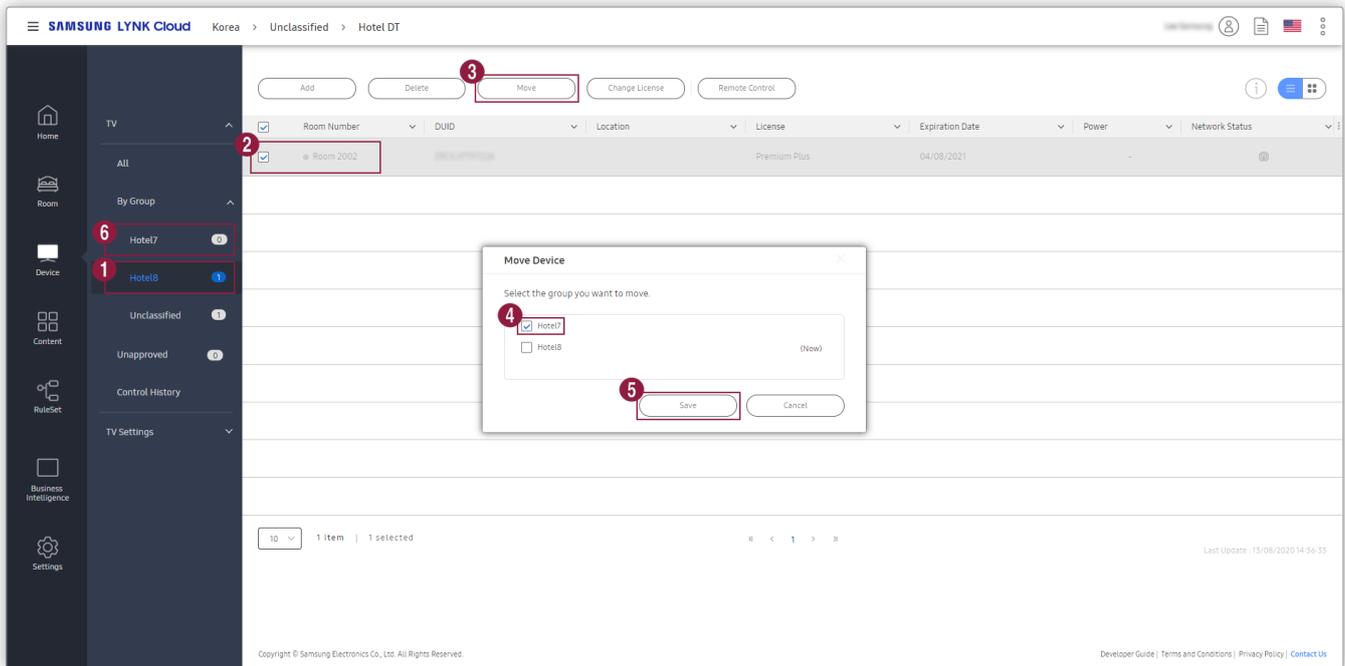
Delete a TV that has been approved for registration to a group.



- 1 From the menu list on the left, click the group that contains the TV to delete. The list of the TVs registered to the group appears on the main screen.
- 2 Move the cursor to the TV to be deleted from the group and move the cursor to the far left to display checkbox.
- 3 Select the checkbox and then click the **Delete** button at the top. A pop-up window appears.
- 4 Click the **Yes** button. The selected TV is deleted from the group.
- 5 Click **Unclassified** to check a list of deleted TVs.

Moving the TV to another group

Move a TV that has been approved for registration to a group to a different group.

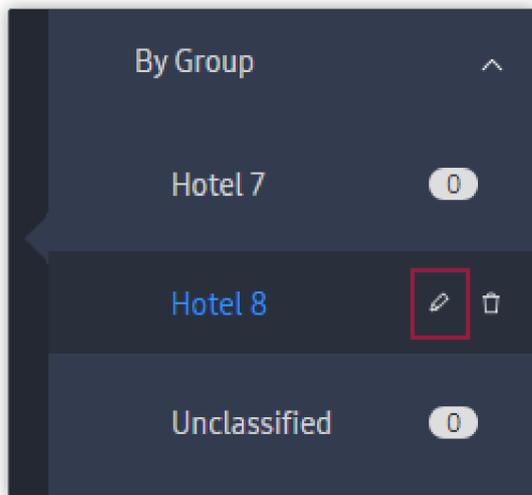


- 1 From the menu list on the left, click the group that contains the TV to move. The list of the TVs registered to the group appears on the main screen.
- 2 Place the cursor on the TV to move from the group and then move the cursor to the far left. A checkbox appears.
- 3 Select the checkbox and click the **Move** button. A pop-up window appears.
- 4 Select the checkbox of the group to move the TV to. The current group has been already marked as **(Now)**.
- 5 Click the **Save** button.
- 6 The selected TV moves to another group. To check a list of TVs you've moved, click Moved Groups in the **By Group** submenu.

Editing group name

You can edit the TV group name to another name.

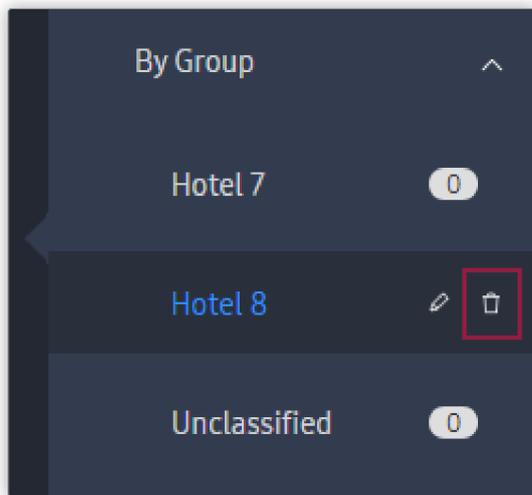
- 1 Click **By Group**. A list of groups appears.
- 2 Move the cursor to the group name you want to edit. Two icons appear to the right of the group name.
- 3 To edit the group name, click .
- 4 Enter the name you want to edit and press Enter.



Deleting a group

You can delete TV group.

- 1 Click **By Group**. A list of groups appears.
- 2 Move the cursor to the name of the group you want to delete. Two icons appear to the right of the group name.
- 3 To edit the group name, click . A popup window appears.
- 4 Click the **OK** button.

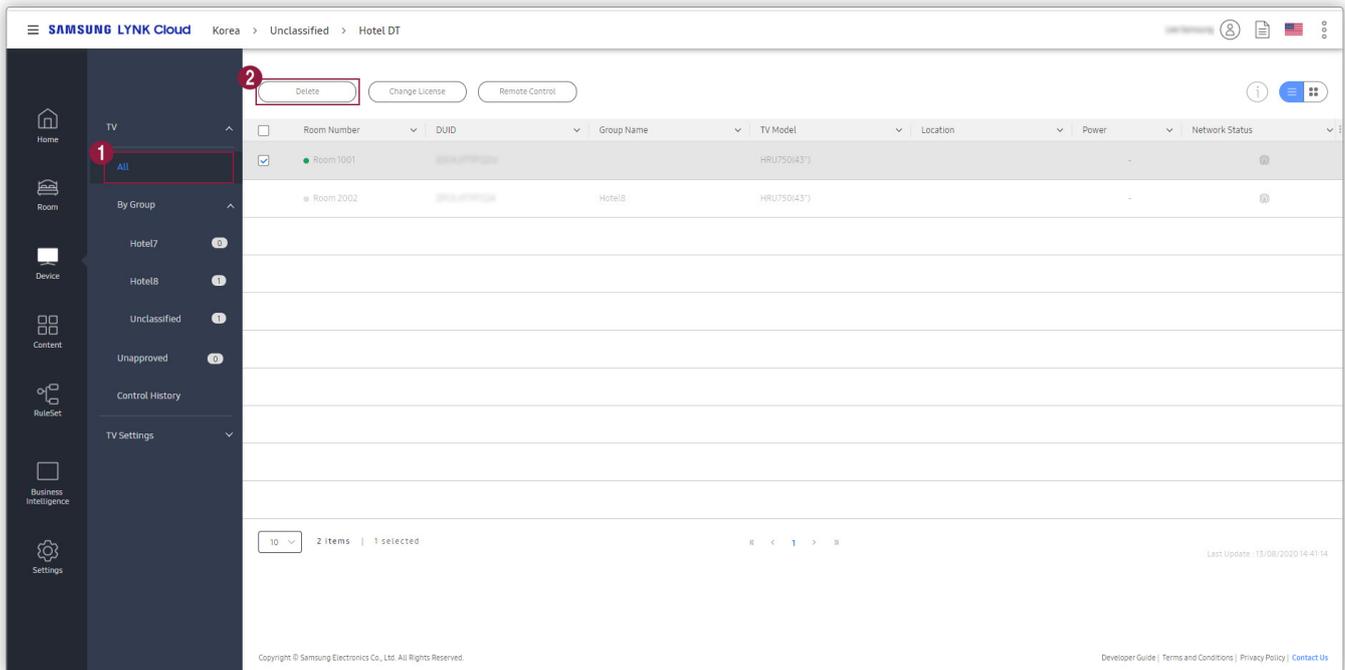


The group is deleted. The TV included in the deleted group moves to **Unclassified**.

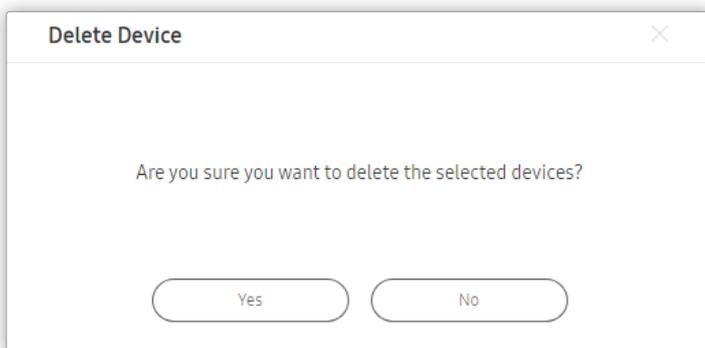
Deleting the TV from the server

Delete a TV that has been approved for registration to the server.

- 1 Click **1 All** on the left menu. TVs that have been approved for registration appear as a list.
- 2 Select the TV to delete permanently from the server, and click **2 Delete**. A popup window appears.



- 3 Click the **Yes**.



The TV is completely deleted from the server.

Changing license

You can change the license of the TV installed in each room.

Changing TV's license

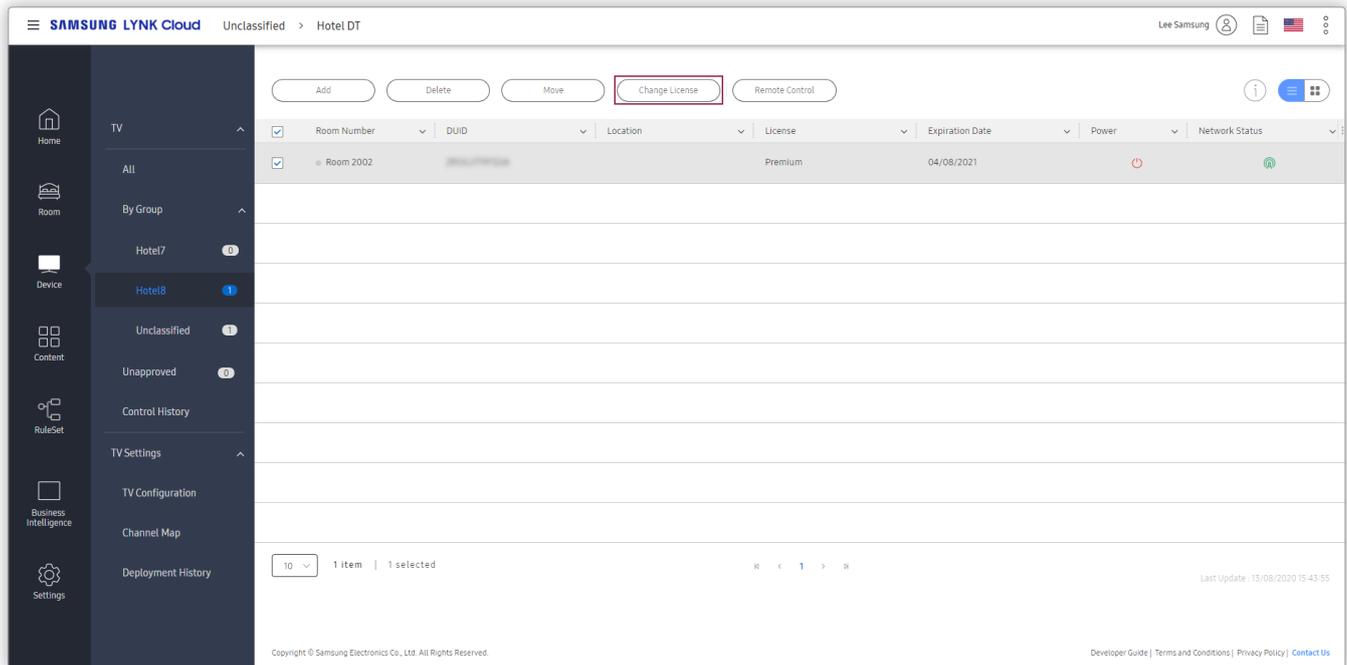
- 1 Move the cursor to the TV whose license you want to change and click. The **Information** window appears.

The screenshot displays the Samsung LYNK Cloud management interface. The breadcrumb navigation shows 'Korea > Unclassified > Hotel DT'. The main content area features a table of TV devices with columns for Room Number, DUID, Group Name, TV Model, Location, Power, and Network Status. The first row, 'Room 1001', is selected, and the 'Change License' button is highlighted. The left sidebar contains navigation options: Home, Room, Device, Content, RuleSet, Business Intelligence, and Settings. The bottom of the interface shows '2 items | 1 selected' and a 'Last Update' timestamp of '15/08/2020 14:41:14'.

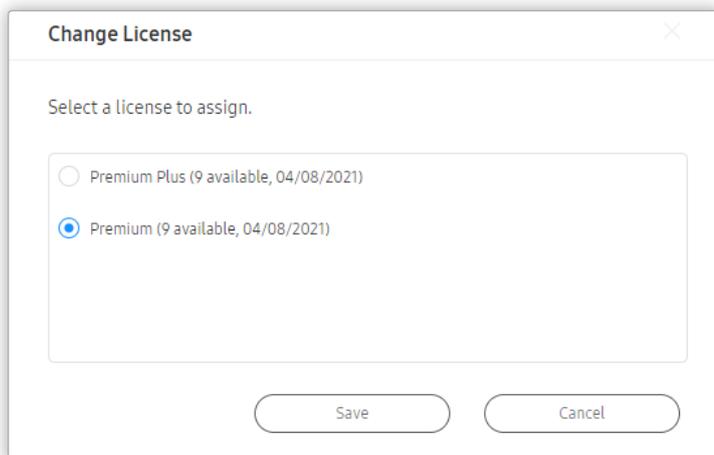
Room Number	DUID	Group Name	TV Model	Location	Power	Network Status
Room 1001	00000000000000000000000000000000		HRU750I43T		-	Ⓜ
Room 2002	00000000000000000000000000000000	Hotel8	HRU750I43T		-	Ⓜ

Changing licenses of multiple TVs at the same time

- 1 Place the cursor on the TV you want to change the license for, and then move the cursor to the far left. A checkbox appears.
- 2 Select the checkbox. In the same way, you can select the additional TV you want to change licenses.
- 3 Confirm that the **Change License** button is enabled at the top.
- 4 Click the **Change License**. A popup window appears.



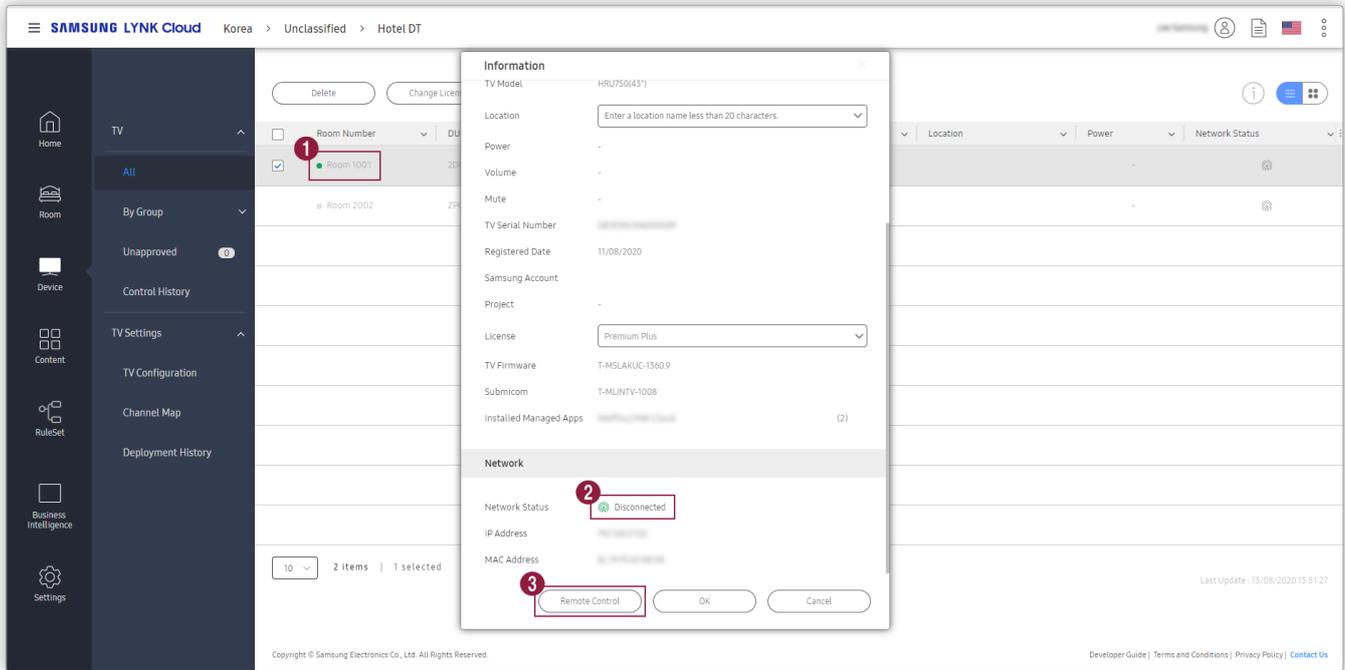
- 5 Click the license you want to change.
- 6 Click the **Save**.



You can check the changed license in the **License** column among the TV list on the main screen.

Remotely controlling the TV

Use remote commands to run functions of TVs installed in rooms.



1 Click the target room number for running the function.

When the **Information** window appears, scroll down to see **Network Status**.

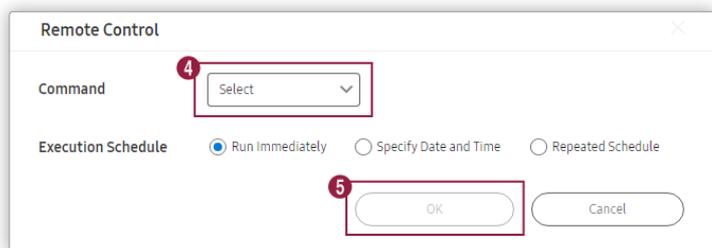
2  **Reference**

Remote Control function can be ran only when **Network Status** is **Connected**.

Click **Remote Control**.

3  **Reference**

To remotely control an in-room TV, click the room number and then click **Remote Control** at the top.



4 When the pop-up window appears, select a command to perform from the **Command** list.

5 Click the **OK**. The command is run.

The functions you can run are as follows.

- **Power On:** Turns on the TV.
- **Power Off:** Turn off the TV.
- **Reboot:** Turn off the TV and then turn it on again.

Reference

The screen does not turn on automatically after reboot. To turn on the screen, press **Power On**.

- **Volume:** You can adjust the volume of the TV. If you select this function, you can enter a volume value.
- **Mute On:** It mutes the sound on the TV.
- **Mute Off:** It releases the sound mutes status of the TV.
- **Change Channel:** You can change the channel of the TV. If you select this function, you can enter a channel number. If the SmartHub application is running on the TV screen, the application screen turns off and the channel changes.
- **Change Source:** You can change the screen to the external device connected to the TV. If you select this function, you can select an external input list.

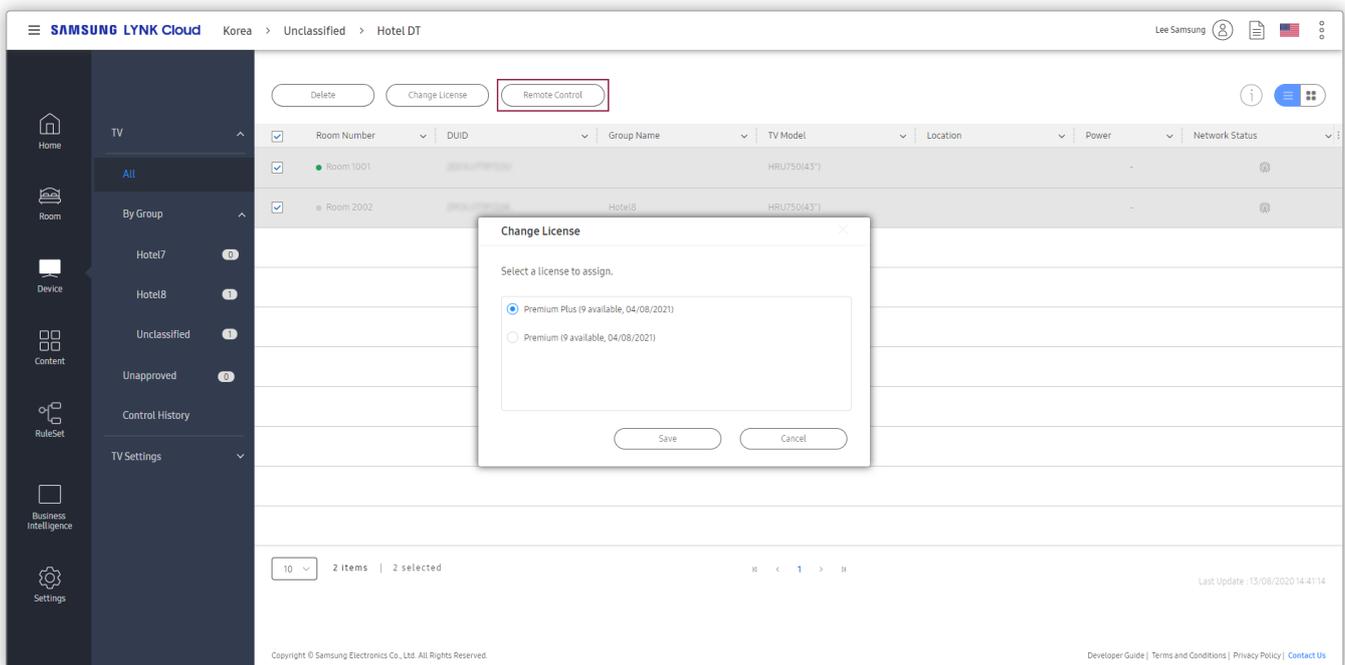
You can run the function by specifying the schedule.

- **Run immediately:** Runs the selected function immediately.
- **Specify Date and Time:** Set a schedule to run a function at a specified date and time.
- **Repeated Schedule:** Set a schedule to run a function regularly at specified dates and times.

Remotely Controlling Multiple TVs Simultaneously

Configure settings so that you can select more than one TV and send a command to direct the TVs to run the same function.

- 1 Click the group that contains the TV which is to run the function on the left menu. Click **All** to see the TVs of all groups.
- 2 Place the cursor on the TV to run a function from, and then move the cursor to the far left. A checkbox appears.
- 3 Select the checkbox. You can select more TVs in the same way.
- 4 Click **Remote Control** at the top. The **Remote Control** window appears.
- 5 Select the function you want, and set a schedule to run the function.



Understanding the status of remote control

Click **Control History** among the submenu of the TV. You can understand the history which is to run the function, and the status of the functions where the reservation was set up.

The screenshot shows the Samsung LYNK Cloud interface for a TV. The breadcrumb navigation is Korea > Unclassified > Hotel DT. The sidebar on the left has a 'Control History' option highlighted. The main content area shows a table of control history entries:

Command	Target	Execution Date	Execution Schedule	Status	Action
<input checked="" type="checkbox"/> Volume (20)	Room 2002	13/08/2020 15:15	Specify Date and Time	Waiting	Cancel
Reboot	Room 1001	11/08/2020 14:12	Run immediately	Task complete	Delete
Reboot	Room 1001	06/08/2020 14:49	Run immediately	Task complete	Delete
Reboot	Room 2002	05/08/2020 15:40	Run immediately	Task complete	Delete
Power On	Room 1001	05/08/2020 11:18	Run immediately	Task complete	Delete

At the bottom of the table, it shows '10' items, '5 items' total, and '1 selected'. There are also pagination controls and a 'Delete' button at the top of the table.

- To cancel the schedule, click **Cancel**.
- To delete a function execution history, click **Delete**. To delete multiple items from the list, select the checkboxes of the items to delete and then click **Delete** at the top.

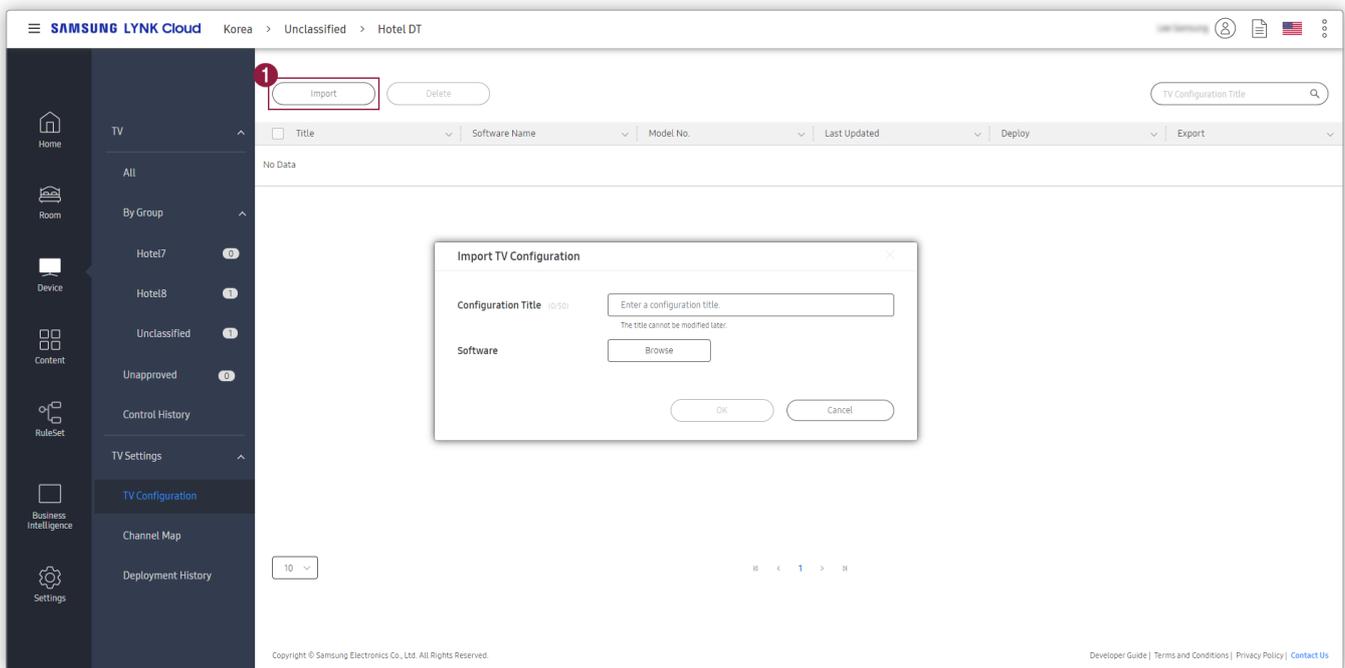
Managing TV Settings

Configure and deploy TV settings.

Deploying TV's settings.

You can apply to the TV installed in each room en bloc by uploading pre-stored settings files.

- 1 Click **TV Configuration** among the **TV Settings** submenu on the left menu.
- 2 Click **1 Import** at the top. The **Import TV Configuration** window appears.



3 Enter the **Configuration Title**.

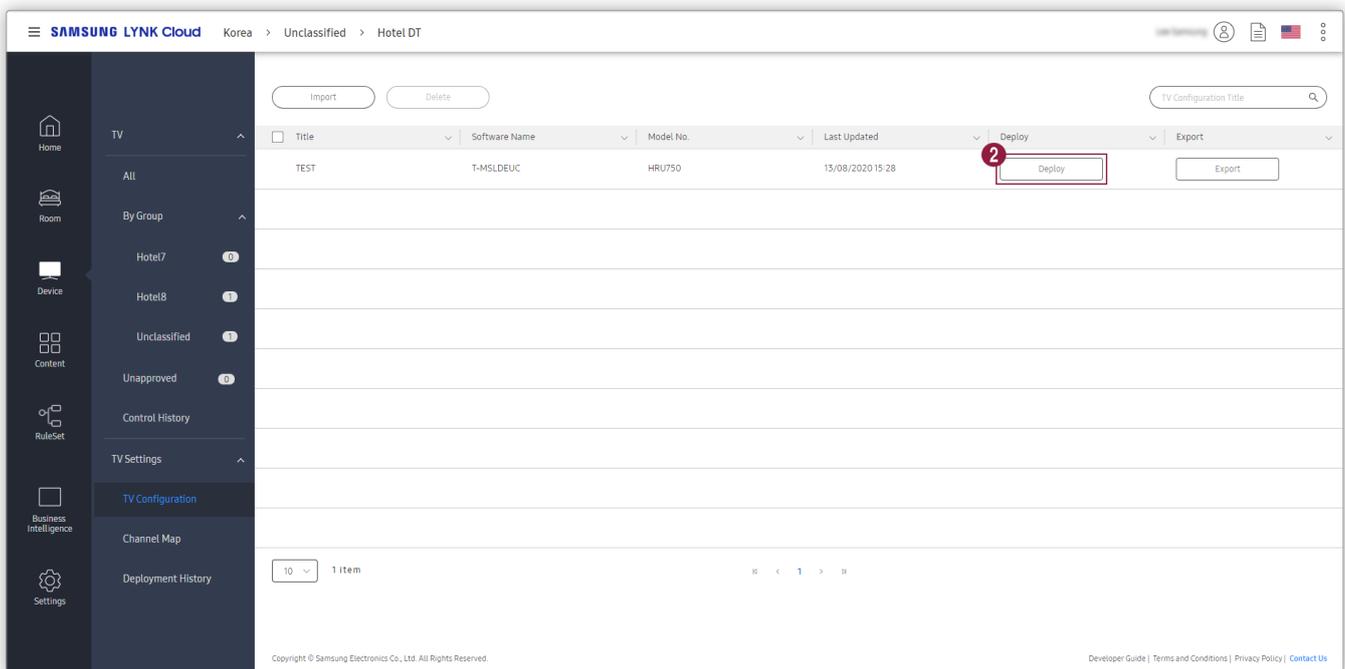
4 Click **Browse**, and select the file in which settings are saved.

 **Reference**

- If you enter the TV's **Factory Menu**, you can extract the Clone file to USB.
- If you extract the clone file, you can back up and copy the TV settings.
- To upload an extracted Clone folder to software, you need to compress the folder as a .zip file.

5 Click **OK** to upload the file. When the upload is complete, the content uploaded in the list appears.

6 Click **2 Deploy**.



7 Set the **Group Name** and click **Deploy**. Deploy the TV settings.

Deploy
✕

Deployment information

TV Configuration Title	Software Name	Last Deployed	Status
TEST	T-MSLDEUC	20/08/2020 16:26	Deployed

Site Hotel DT

Recipient Type Group Room Device

Group Name

Schedule Deploy Immediately Specify Date and Time

Reference

- To deploy by Device, select **Device** and click **Browse**. Select the TV from the **Device List** and click **OK**.
- To deploy by Room, select **Room** and **Browse**. Select the room from the **Room List** and click **OK**.

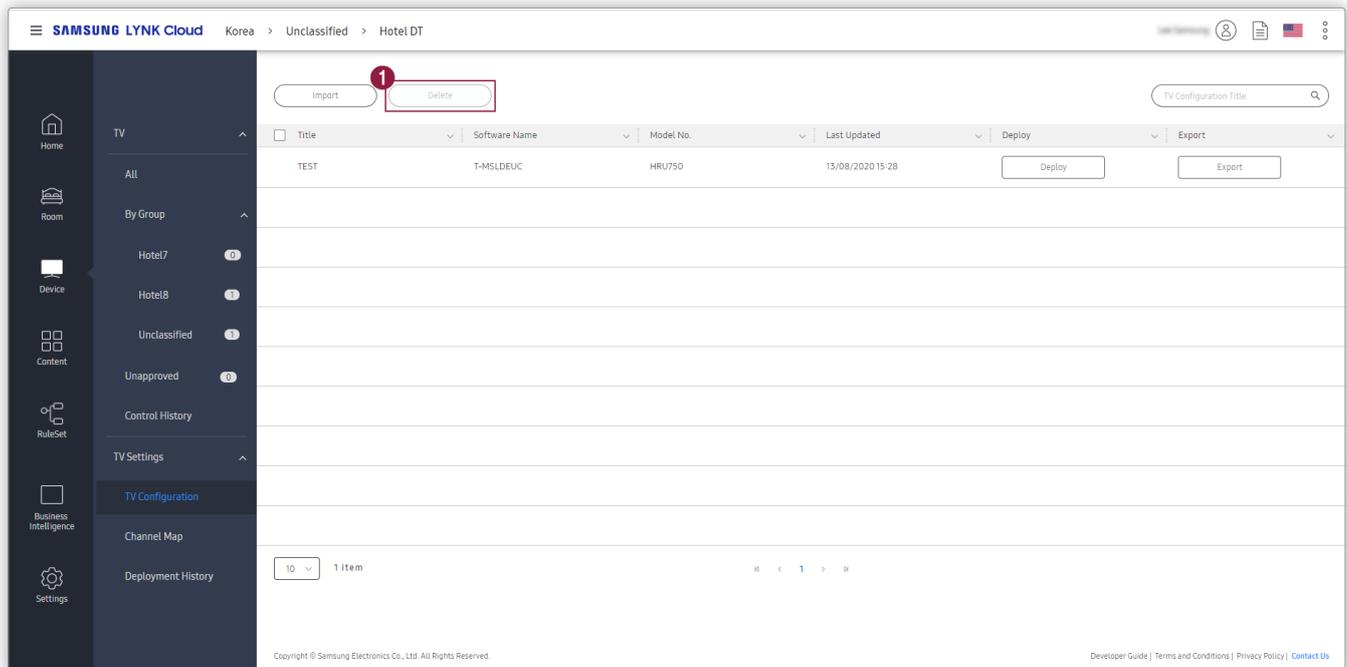
8 Turn off the TV. Automatic updates begin.

Reference

To confirm that TV settings have been deployed successfully, turn off the TV and turn it on again.

Deleting TV settings

- 1 Place the cursor on the item to delete, and then move the cursor to the far left. A checkbox appears.
- 2 Select the checkbox. You can additionally select other items in the same way.
- 3 Click **1 Delete** at the top.



Delete the selected item.

Channel Map

Configure and deploy a channel map to TVs by creating or importing a channel map.

If you deploy a channel map for which a program guide is set, the program guide is automatically updated at regular intervals.

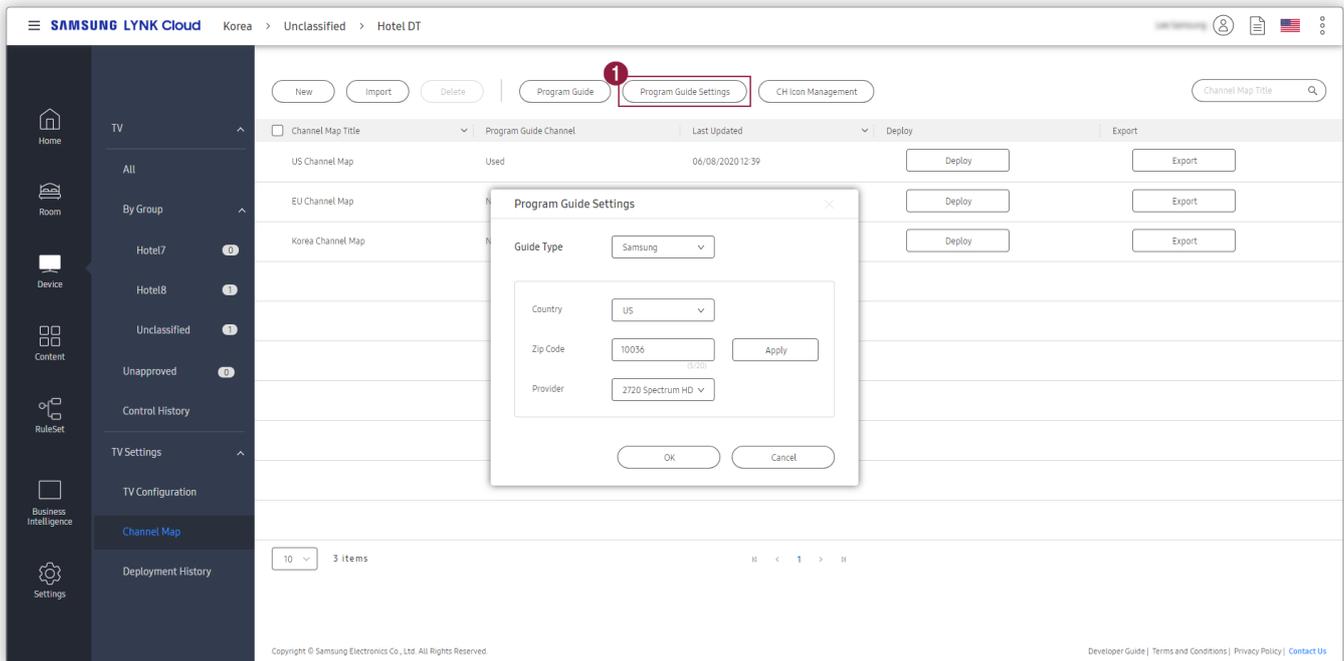
Reference

- Satellite channels are not supported.
- To enable IPTV channels, make sure the **Mixed Channel Map** setting is maintained **On** in **TV Factory Menu > Channel**.
- New channels may be added automatically during changing of channels, depending on the **Dynamic SI** setting in **TV Factory Menu > Channel**. If you do not want channels to be added automatically, change the **Dynamic SI** setting to **Off**.
- For details on factory settings, refer to [TV Factory Settings](#).

Creating Program Guide

Create a program guide after setting the region.

- 1 Select **Channel Map** on the left menu.
- 2 Click **1 Program Guide Settings** at the top.



The screenshot displays the Samsung LYNK Cloud interface for managing channel maps. The left sidebar shows the navigation menu with 'Channel Map' selected. The main content area shows a table of channel maps with columns for 'Channel Map Title', 'Program Guide Channel', 'Last Updated', 'Deploy', and 'Export'. A 'Program Guide Settings' dialog box is open, showing fields for 'Guide Type' (Samsung), 'Country' (US), 'Zip Code' (10036), and 'Provider' (2720 Spectrum HD). The 'Program Guide Settings' button in the top toolbar is highlighted with a red circle and the number 1.

Channel Map Title	Program Guide Channel	Last Updated	Deploy	Export
US Channel Map	Used	06/08/2020 12:39	Deploy	Export
EU Channel Map			Deploy	Export
Korea Channel Map			Deploy	Export

Program Guide Settings dialog box fields:

- Guide Type: Samsung
- Country: US
- Zip Code: 10036
- Provider: 2720 Spectrum HD

- 3 Enter required information and click **Apply**.
- 4 Click the **OK**. A notification window pops up.
- 5 Click the **Yes**.

The **Guide Type** which is used in **Program Guide Settings** is as follows.

- **Samsung:** It is the basic type provided by LYNK Cloud.
- **External:** The **Country**, **Zip Code** and **Provider** items are disabled. This option uploads a user-created program guide through the open API.
- **None:** It does not use the **Program Guide**. If the **Guide Type** is **None**, the **Program Guide** button is not displayed.

1

Reference

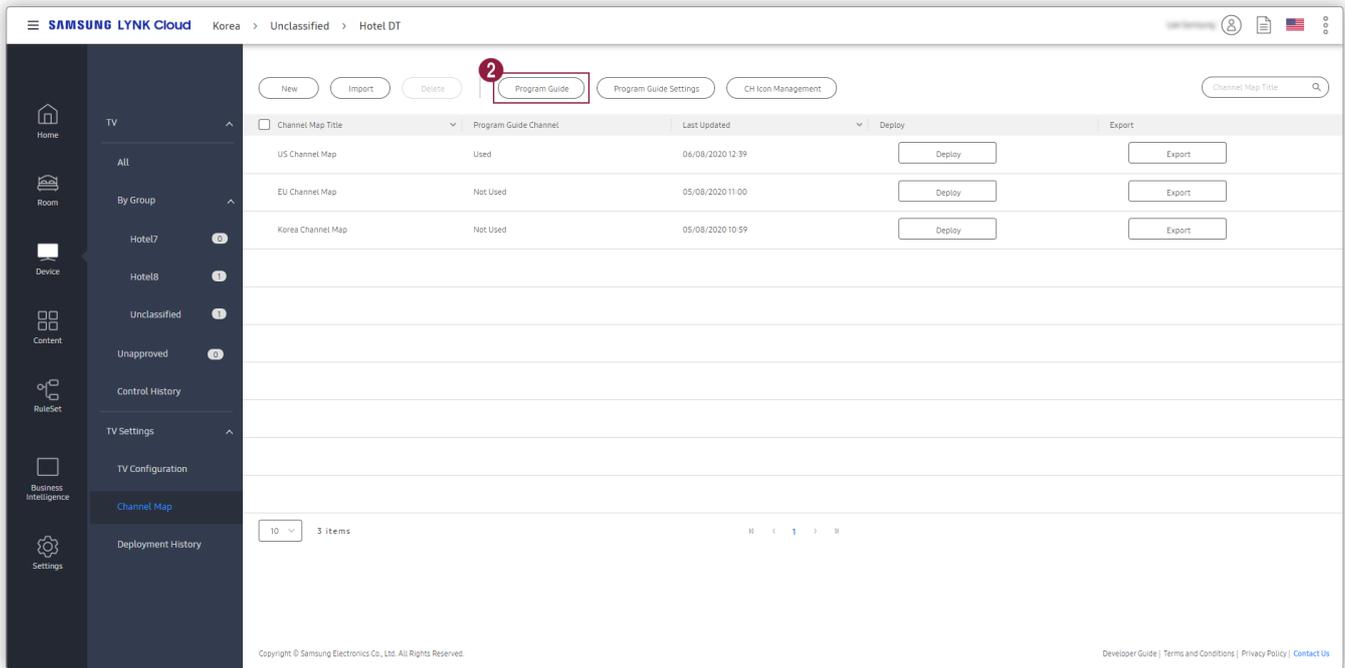
- The open API guide can be accessed using the REACH EPG Upload option at the following website: <https://samsunglynk.com/api/open-api-swagger.html>.
- After a file is uploaded successfully through the open API, the corresponding data can be viewed by clicking **Program Guide**. Update the file regularly.

If the **Guide Type** is **Samsung**, it is possible to choose a country from the list of countries where the service is supported.

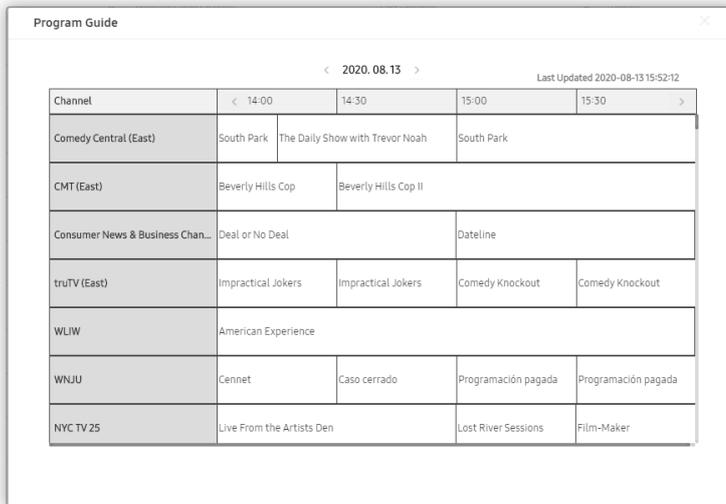
2

- The list of countries, including US, CA, FR, GB, ES, IT and DE, is subject to change in the future.
- The program guide provided by Samsung is subject to termination with prior notice according to the terms and conditions for use of the service.

6 Click **2** Program Guide at the top.



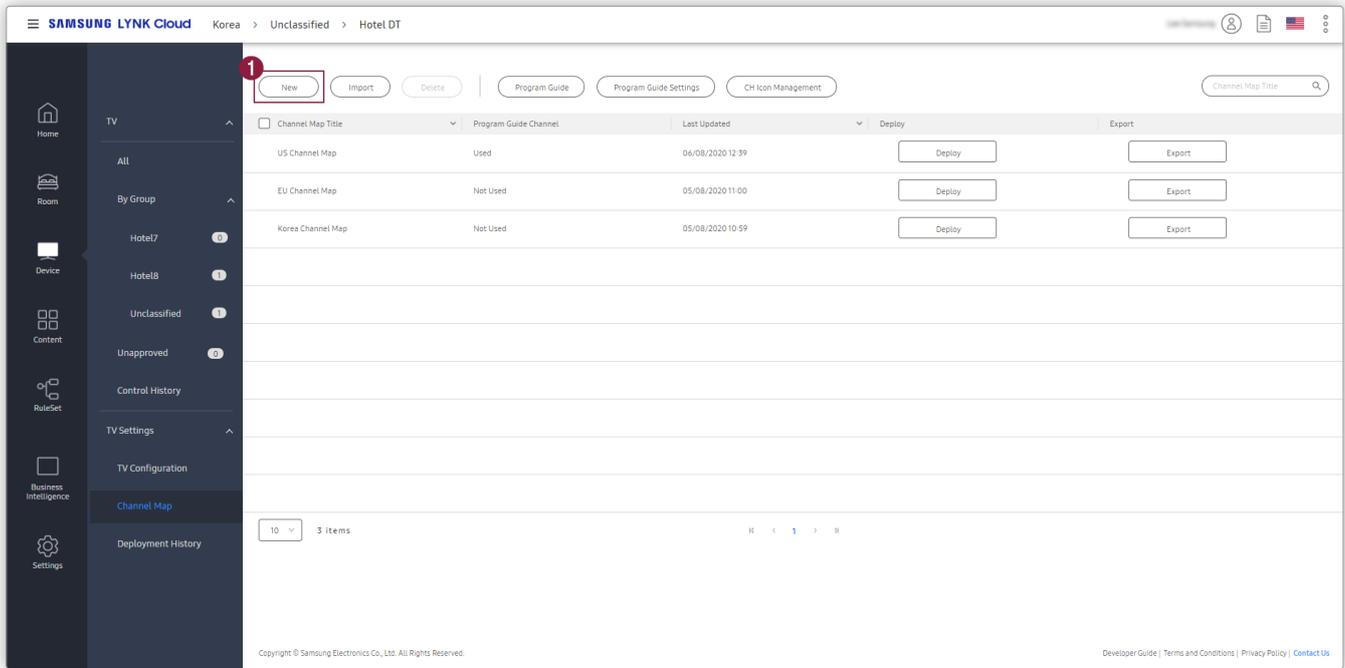
You can view the **Program Guide** of all Channel.



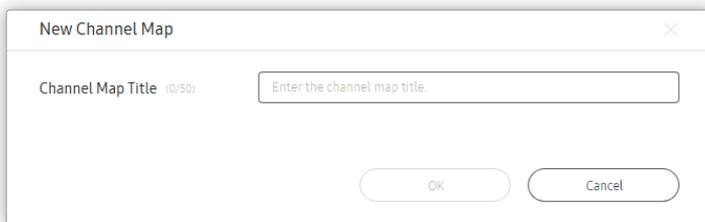
Creating a Channel

You can create the **Channel** which is to distribute to the room TV.

- 1 Click **New** at the top.



- 2 Fill in the **Channel Map Title** field and click **OK**.



3 Click **2 New**. The new popup window appears.

4 Specify the **Broadcast Type** and **Channel Category**, and enter broadcast details.

Reference

- Input fields to fill in may differ depending on the **Broadcast Type** and **Channel Category**.
- * is the item which must be written essentially.

Common items

- **Channel Name:** Set a channel name displayed on TVs.
- **Display No:** Set a channel number displayed on TVs.
- **Channel Icon:** Set a channel icon displayed on TVs.

ATSC, DVB, ISDB / AIR, Cable / Digital, Analog

New Channel
✕

Broadcast Type ATSC ▼

Channel Category Air ▼ Digital ▼

* Channel Name (0/255)

Channel Icon

* Display No. -

* PTC No.

* Service ID No.

1 Delivery System None ▼

* Modulation Select ▼

Bandwidth None ▼

Symbol Rate 65535

* Required Field

Reference

- 1 appears when Channel Category is set to Digital.
- When Broadcast Type is DVB, the item numbered 2 changes to Frequency.

- **Frequency:** Set a frequency value (KHz) that indicates a channel.
- **Service ID No:** Set a service identification number.
- **PTC No.:** Set a PTC number that indicates a channel.
- **Delivery System:** Offers Delivery System options to choose from.
- **Modulation:** Offers Modulation options to choose from.
- **Bandwidth:** Offers Bandwidth options to choose from.
- **Symbolrate:** Set a symbol rate for a channel.

ATSC, DVB, ISDB / Cable / External

New Channel ✕

Broadcast Type ▾

Channel Category ▾ ▾

* Channel Name (0/255)

Channel Icon

* Display No.

* External Source ▾

* Required Field

- **External Source:** Select an external source to use.

ATSC, DVB, ISDB / IPTV

New Channel
✕

Broadcast Type

Channel Category

* Channel Name (0/255)

Channel Icon

* Display No.

PTC No.

* URL

DRM Type

DRM Company

DRM Server Address

* Required Field

- **URL:** Set the URL value for the IP channel source to stream video. (URL format: udp://IP:Port or rtp://IP:port)
- **DRM Type:** Set the **DRM Type** for the IP channel.

Reference

Provided DRM types include **LYNK**, **Verimatrix** and **Prodiom**.

- In the case of **LYNK**, the type is set automatically to Type1 if the **DRM Server Address** field is left blank. If the field is filled, the type is set automatically to Type2.
- In the case of **Verimatrix**, you must enter values in both **DRM Company** and **DRM Server Address** fields.
- In the case of **Prodiom**, you do not need to enter any value.

- **DRM Company:** Set the DRM Company name.

Reference

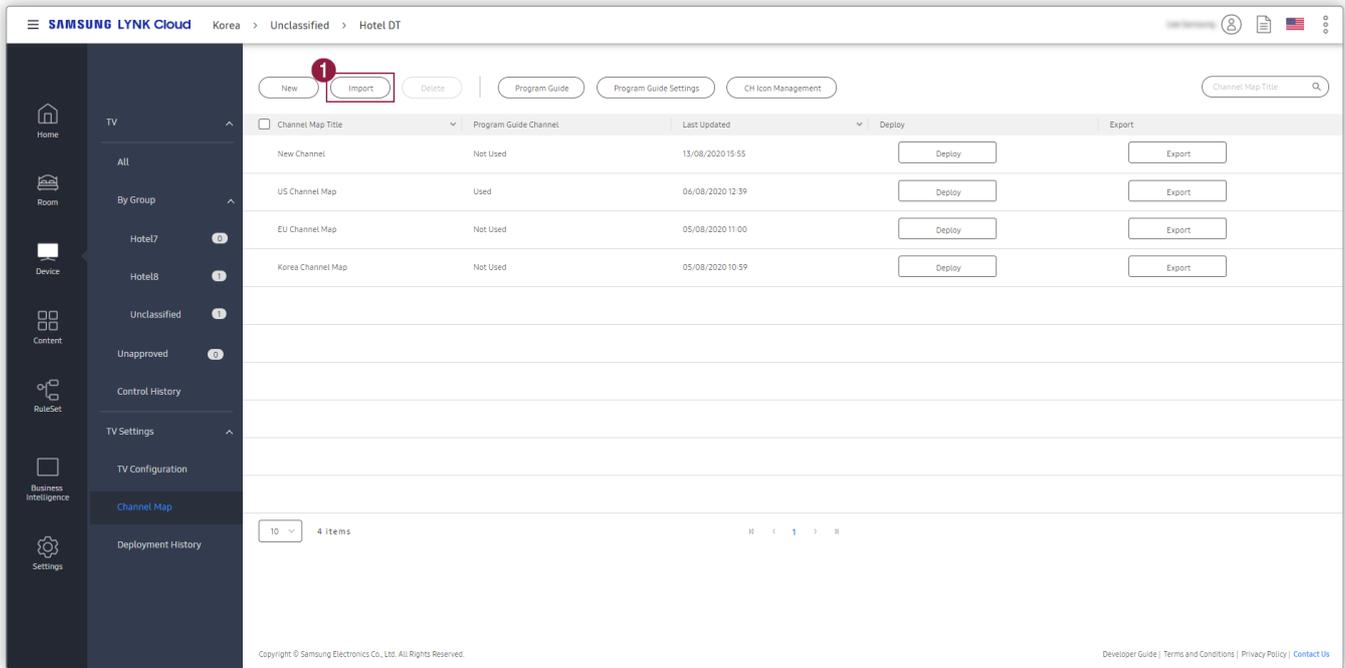
This menu item is enabled when **DRM** is set to **Verimatrix**.

- **DRM Server Address:** Enter the DRM server URL address.

Recalling Channel

You can recall pre-generated Channel on the room TV.

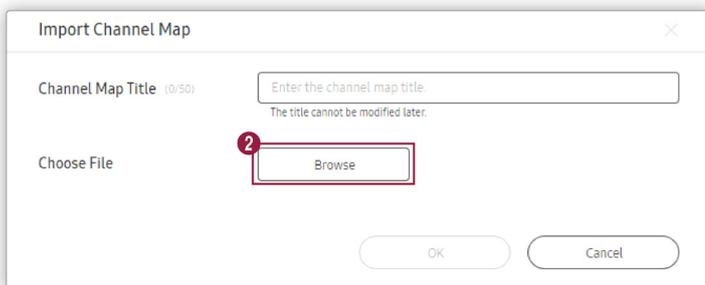
- 1 Click **1** **Import** at the top.



- 2 Enter the **Channel Map Title**.
- 3 Click **2** **Browse** and upload the file in which channels are saved.

Reference

- If you enter the TV's **Factory Menu**, you can extract the Clone file to USB.
- If you extract the clone file, you can back up and copy the TV settings.
- You can upload the hotel.json file from the Clone/tvs-chms folder.

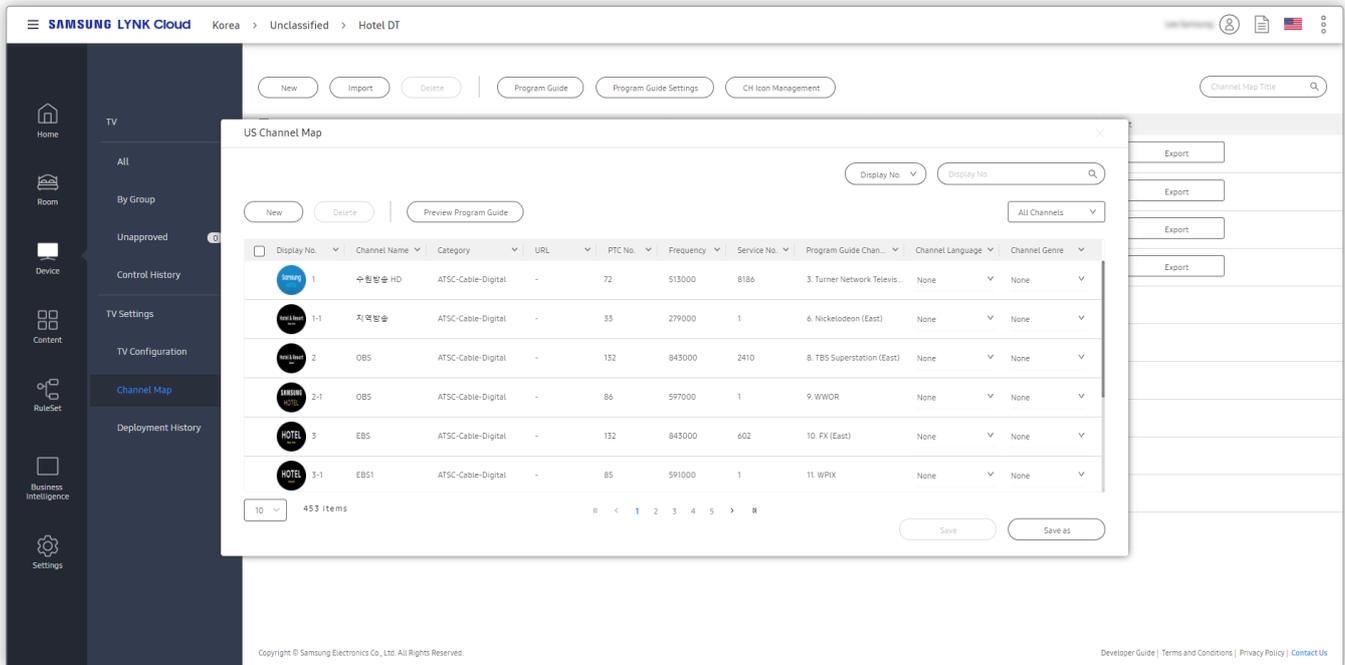


- 4 Click the **OK**.

Editing Channel

Edit an existing channel from a created or imported channel map, as required.

- 1 Select a channel map and click the channel to edit.



2 Edit the channel.

Edit Channel
✕

Broadcast Type ▼

ATSC

Channel Category

Cable ▼
Digital ▼

* Channel Name

수원방송 HD (7/255)

Channel Icon

icon 6

🔍



* Display No.

1

-

* PTC No.

72

* Service ID No.

8186

Delivery System

None ▼

* Modulation

QAM256 ▼

Bandwidth

None ▼

Symbol Rate

65535

* Required Field

OK

Cancel

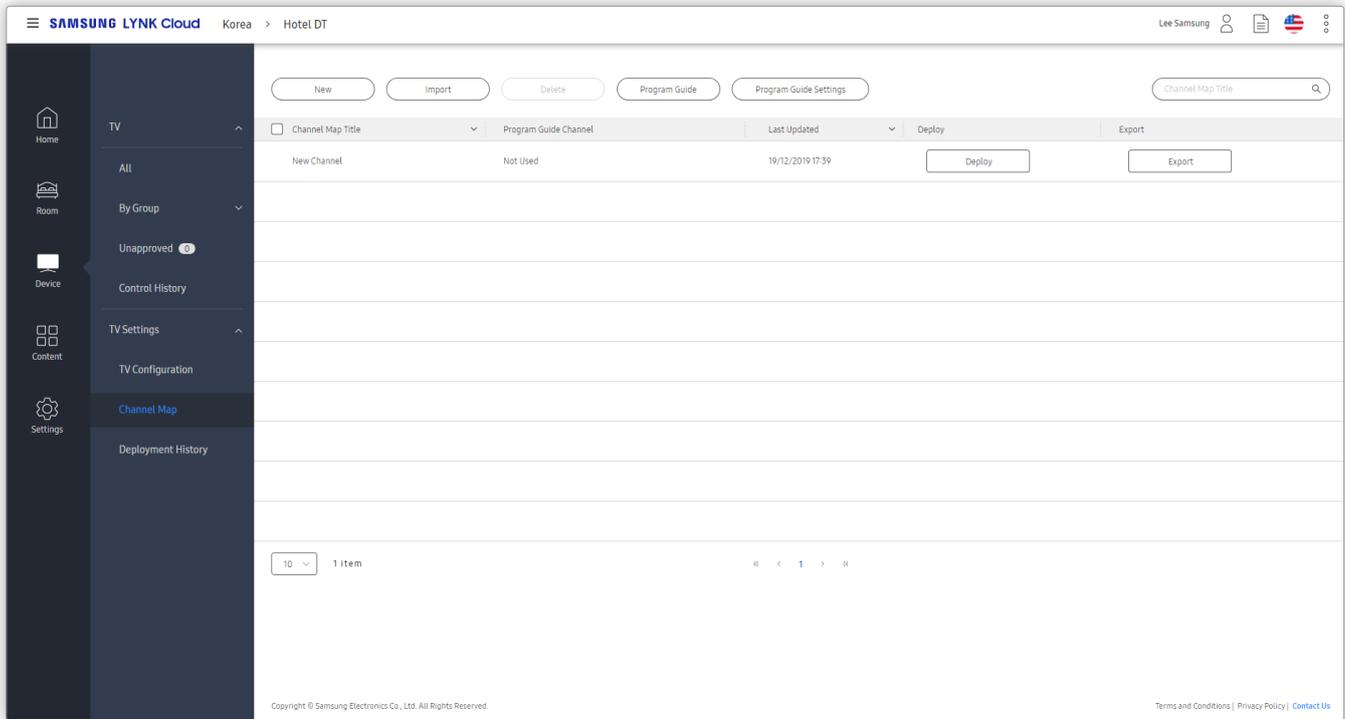
 Reference

- Only enabled items can be edited.
- For details on how to edit a channel icon, refer to [Creating and managing a channel icon](#).
- The URL and DRM items can be edited when the channel is an IPTV channel.

Mapping Program Guide Channel

You can set up the **Channel** of the room TV.

- 1 Click **Channel Map** which is to apply **Program Guide Channel**.



2 Click **1** Browse.

The screenshot shows a 'New Channel' dialog box with a table of channel entries. The table has the following columns: Display No., Channel Name, Category, URL, PTC No., Frequency, Service No., Program Guide Channel, Channel Language, and Channel Genre. The first row contains the following data: Display No. 1, Channel Name 1, Category ATSC-IPTV-Digital, URL 1, PTC No. 0, Frequency -, Service No. 1, Program Guide Channel Browse, Channel Language None, and Channel Genre None. The 'Browse' button in the 'Program Guide Channel' column is highlighted with a red box and a red circle containing the number 1. Below the table, there is a pagination control showing '10' items per page and '1 item' total. At the bottom right, there are 'Save' and 'Save as' buttons.

Display No.	Channel Name	Category	URL	PTC No.	Frequency	Service No.	Program Guide Channel	Channel Language	Channel Genre
1	1	ATSC-IPTV-Digital	1	0	-	1	Browse	None	None

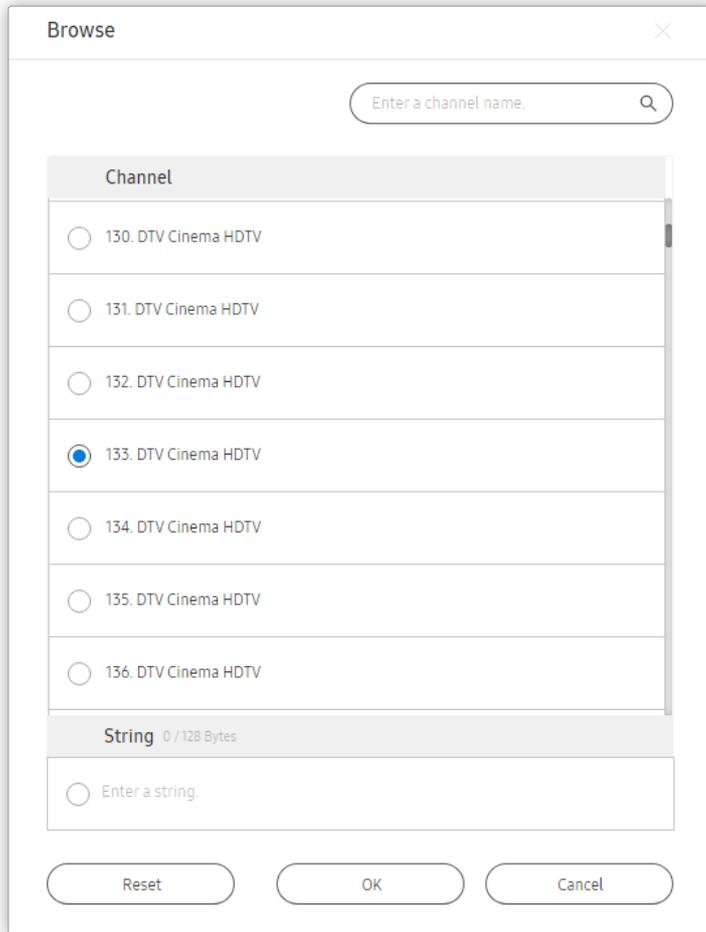
Reference

- You can connect **Program Guide Channel** only when **Channel Category** is **Cable-Digital/IPTV**. In case of other **Channel Category**, the **Browse** button is not displayed.
- In case that the **Guide Type** is **None** in **Program Guide Settings**, the **Browse** button is not displayed.

- 3 Select the channel to connect to the program guide, and click **OK**.

Reference

The user can directly enter the program guide of the relevant channel via the user input window marked as a **String**.

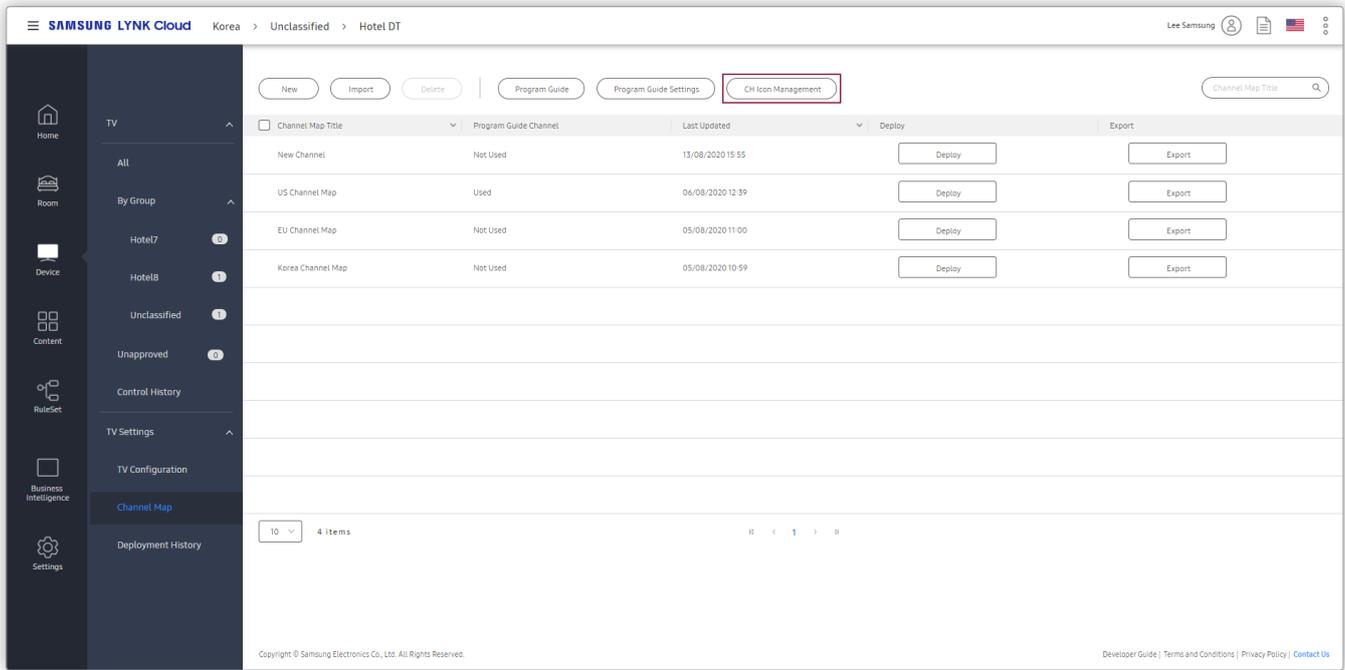


The screenshot shows a 'Browse' dialog box with a search bar at the top containing the text 'Enter a channel name.' Below the search bar is a list of channels, each with a radio button and the text '130. DTV Cinema HDTV' through '136. DTV Cinema HDTV'. The radio button for '133. DTV Cinema HDTV' is selected. Below the list is a 'String' input field with the text '0 / 128 Bytes' and a radio button next to the text 'Enter a string.'. At the bottom of the dialog are three buttons: 'Reset', 'OK', and 'Cancel'.

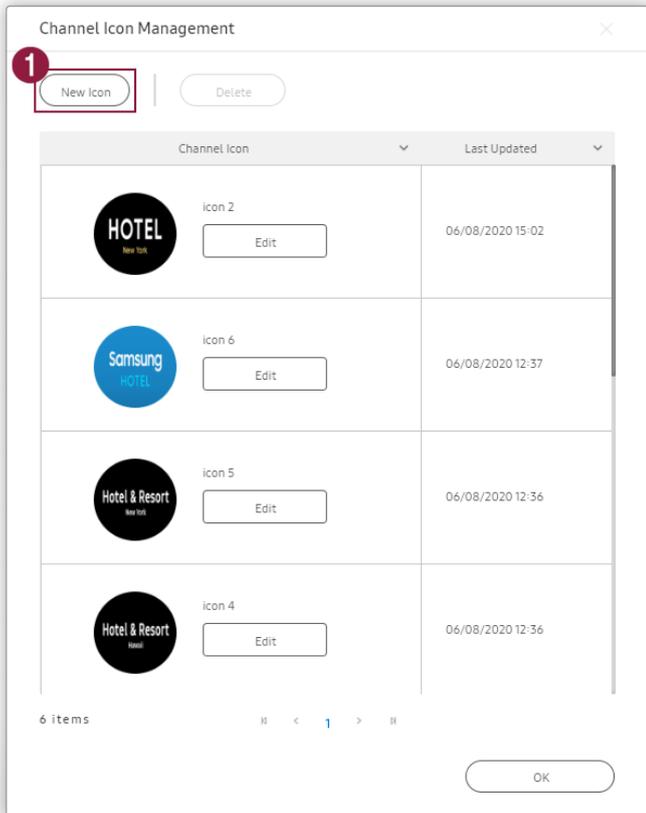
- 4 Click **Save** at the bottom.

Creating and managing a channel icon

1 Click CH Icon Management.



2 Use the following pop-up window to add, edit or delete an icon. Click **1** New Icon and add the icon you want.



3 Click the **OK**. The icon is added. The added icon can be found in the list.

Reference

- View the icon **2** constraint.
- Added icons always take the form of a circle.

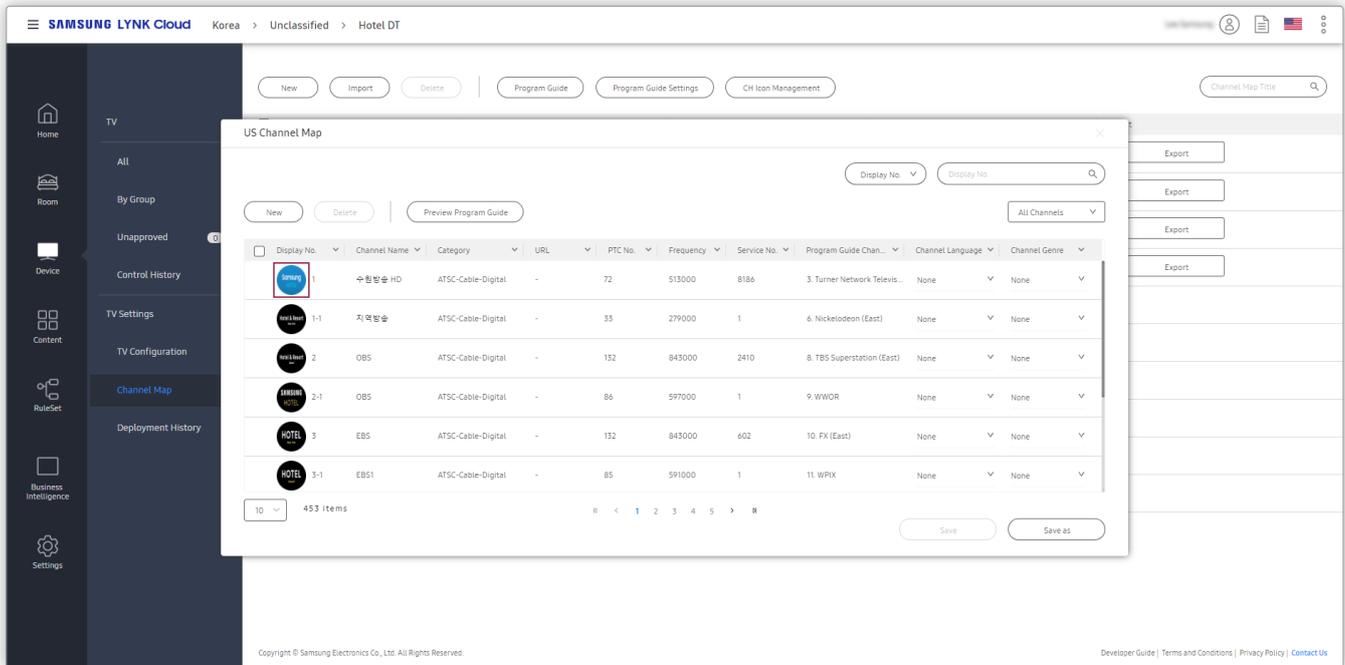
4 Use the **3 Delete** or **4 Edit** button to delete or add an icon.

Channel Icon	Last Updated
<input checked="" type="checkbox"/> test <input type="button" value="Edit"/>	13/08/2020 17:36
icon 2 <input type="button" value="Edit"/>	06/08/2020 15:02
icon 6 <input type="button" value="Edit"/>	06/08/2020 12:37
icon 5 <input type="button" value="Edit"/>	06/08/2020 12:36

Mapping a channel icon to a channel

Apply an added or edited icon to a channel, as required.

- 1 Navigate to the list of channels.



2 Click the channel to change the icon for, and edit the channel icon.

Edit Channel
✕

Broadcast Type ▼

ATSC

Channel Category

Cable ▼

Digital ▼

* Channel Name (7/255)

수원방송 HD

Channel Icon

icon 6

🔍



* Display No.

1

-

* PTC No.

72

* Service ID No.

8186

Delivery System ▼

None

* Modulation ▼

QAM256

Bandwidth ▼

None

Symbol Rate

65535

* Required Field

OK

Cancel

3 Select an icon and click OK. The icon is changed.

US Channel Map

Display No. [v] Display No. [input] [Q]

New Delete Preview Program Guide All Channels [v]

<input type="checkbox"/>	Display No. [v]	Channel Name [v]	Category [v]	URL [v]	PTC No. [v]	Frequency [v]	Service No. [v]	Program Guide Chan... [v]	Channel Language [v]	Channel Genre [v]
<input checked="" type="checkbox"/>	1	수원방송 HD	ATSC-Cable-Digital	-	72	513000	8186	3. Turner Network Televis...	None [v]	None [v]
<input type="checkbox"/>	1-1	지역방송	ATSC-Cable-Digital	-	33	279000	1	6. Nickelodeon (East)	None [v]	None [v]
<input type="checkbox"/>	2	OBS	ATSC-Cable-Digital	-	132	843000	2410	8. TBS Superstation (East)	None [v]	None [v]
<input type="checkbox"/>	2-1	OBS	ATSC-Cable-Digital	-	86	597000	1	9. WWOR	None [v]	None [v]
<input type="checkbox"/>	3	EBS	ATSC-Cable-Digital	-	132	843000	602	10. FX (East)	None [v]	None [v]
<input type="checkbox"/>	3-1	EBS1	ATSC-Cable-Digital	-	85	591000	1	11. WPIX	None [v]	None [v]

10 [v] 453 items [H] < 1 2 3 4 5 > [H]

Save Save as

Deploying Channel Map

You can deploy the created **Channel Map** to the room TV.

- 1 Select the channel map to deploy and click **1 Deploy**.

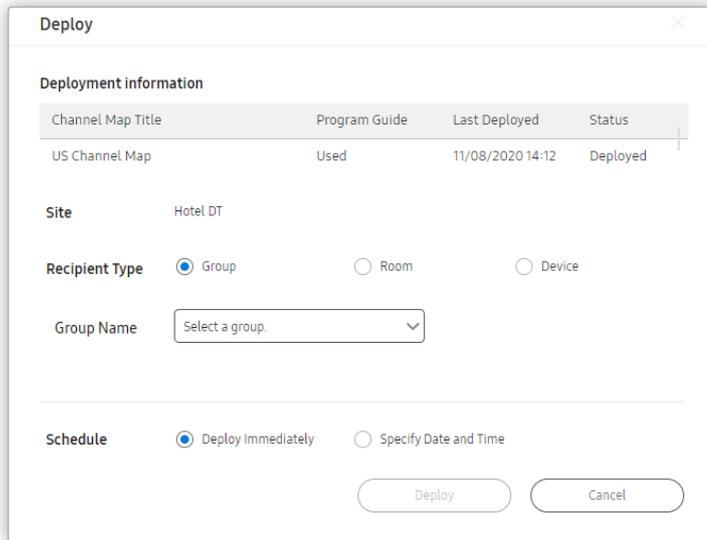
The screenshot shows the Samsung LYNK Cloud interface for managing devices. The main content area displays a table of Channel Maps. The table has columns for Channel Map Title, Program Guide Channel, Last Updated, Deploy, and Export. The 'New Channel' entry is highlighted, and its 'Deploy' button is circled in red with a '1' next to it. Other entries include 'US Channel Map', 'EU Channel Map', and 'Korea Channel Map'. The interface also includes a sidebar with navigation options like Home, Room, Device, Content, RuleSet, Business Intelligence, and Settings. At the bottom, there is a pagination bar showing '4 items' and a footer with copyright information and links to Developer Guide, Terms and Conditions, Privacy Policy, and Contact Us.

Channel Map Title	Program Guide Channel	Last Updated	Deploy	Export
New Channel	Not Used	13/08/2020 15:55	Deploy	Export
US Channel Map	Used	06/08/2020 12:39	Deploy	Export
EU Channel Map	Not Used	05/08/2020 11:00	Deploy	Export
Korea Channel Map	Not Used	05/08/2020 10:59	Deploy	Export

2 Select a group name and click **Deploy**. Deploy **Channel Map** to the room TV.

 **Reference**

- To deploy by Device, select **Device** and click **Browse**. Select the TV from the **Device List** and click **OK**.
- To deploy by Room, select **Room** and click **Browse**. Select the room from the **Room List** and click **OK**.



The screenshot shows a 'Deploy' dialog box with the following fields and options:

- Deployment information**: A table with columns: Channel Map Title, Program Guide, Last Deployed, Status.

Channel Map Title	Program Guide	Last Deployed	Status
US Channel Map	Used	11/08/2020 14:12	Deployed
- Site**: Hotel DT
- Recipient Type**: Group, Room, Device
- Group Name**: A dropdown menu with the text 'Select a group.'
- Schedule**: Deploy Immediately, Specify Date and Time
- Buttons**: Deploy, Cancel

3 Turn off the TV. Automatic updates begin.

 **Reference**

To confirm that the channel map has been deployed successfully, turn off the TV and turn it on again.

Managing Deployment History

View the deployed TV settings and channel maps, as well as the deployment details.

To view deployed TV settings and channel maps, click **Deployment History** from the menu list on the left.

Viewing the deployment history

View a list of deployments. Use the **Status** option to view the results of deployments.

The screenshot shows the Samsung Lynk Cloud interface for 'Hotel DT'. The left sidebar is expanded to 'TV Settings' > 'Deployment History'. The main area displays a table of deployment records:

Type	Schedule	Recipient	Status	Actions
TV Configuration TEST	20/08/2020 16:26	Hotel8	Scheduled	Edit
Channel Map US Channel Map	11/08/2020 14:11	2DCKJITP722U	Deployed (1/1)	Details
Channel Map Korea Channel Map	05/08/2020 11:19	2DCKJITP722U	Deployed (1/1)	Details

At the bottom of the table, it shows '10' items and a pagination control. The footer contains copyright information and links to Developer Guide, Terms and Conditions, Privacy Policy, and Contact Us.

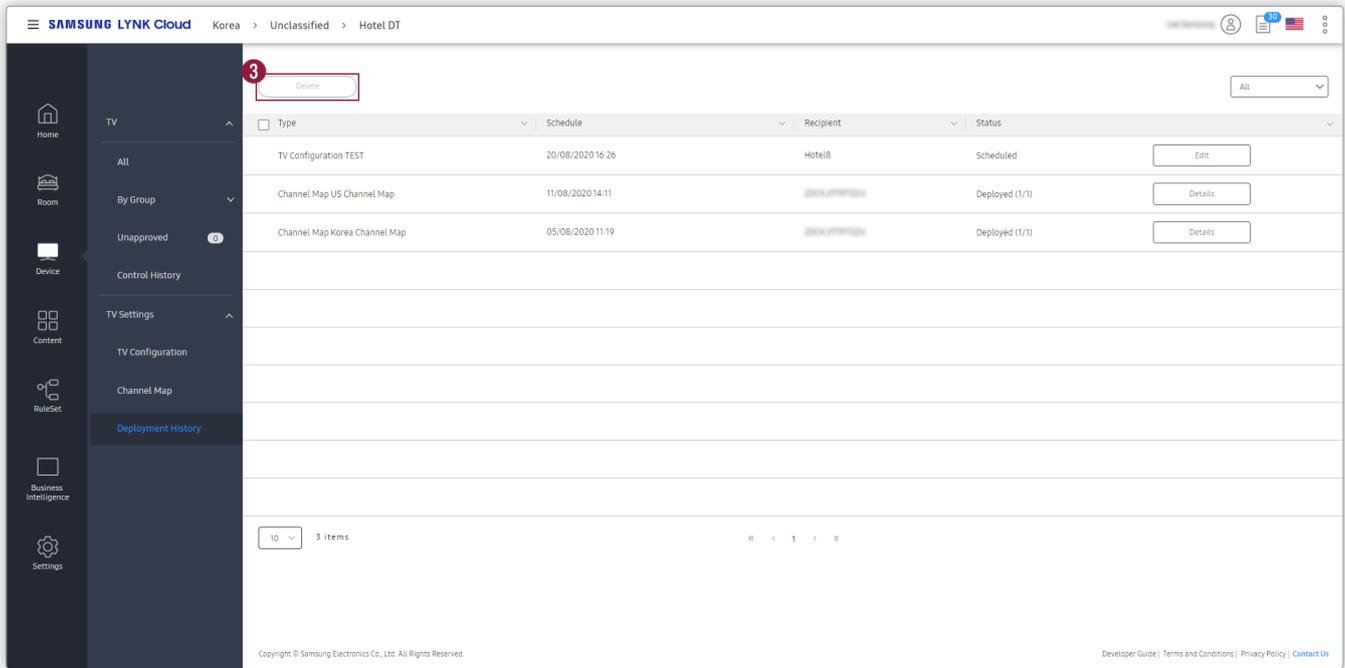
1

View details of a completed deployment. To deploy to a device that is waiting or failed to receive deployed content, click **Retry**.

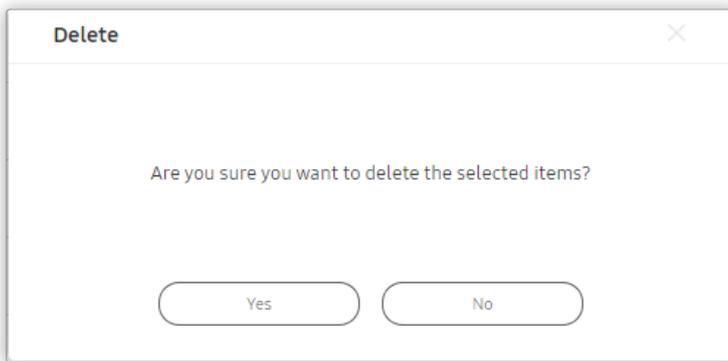
Deleting the Deployment History

Delete unnecessary items to re-organize the deployment history.

- 1 Select the channel map to delete and click **3 Delete**.



- 2 Click the **Yes**. The channel map is deleted.



Room Management

Use LYNK Cloud to check room status or send messages to in-room TVs.

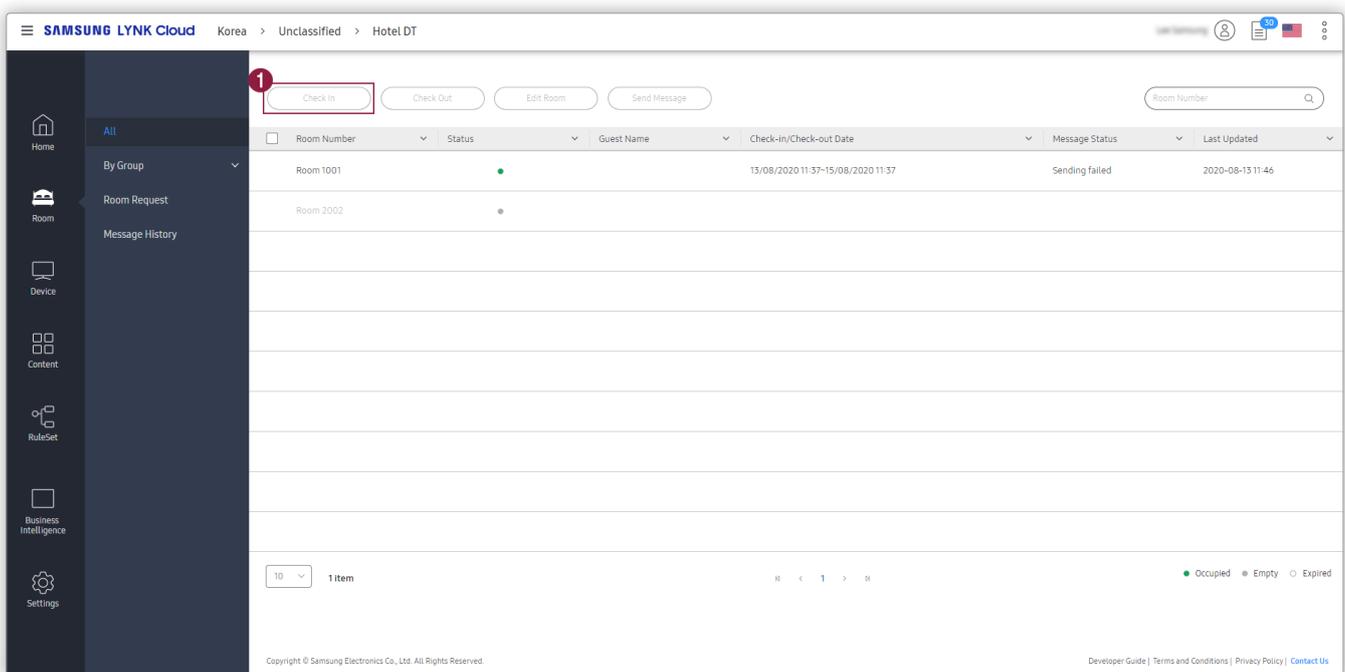
Reference

If the site is not linked to PMS, the **Check In/Check Out** menu items are displayed. You can manually change a room status, using the room management menu.

Executing Check In

In case that you do not set up **PMS**, you can change rooms to **Check In** status.

- 1 Select **Room** on the left menu. The next screen appears.
- 2 Select the room number to change the status to Check In, and click **1 Check In**.



The screenshot displays the Samsung LYNK Cloud interface for Room Management. The top navigation bar shows 'SAMSUNG LYNK Cloud', 'Korea', 'Unclassified', and 'Hotel DT'. The left sidebar contains navigation options: Home, Room, Device, Content, RuleSet, Business Intelligence, and Settings. The main content area features a 'Check In' button (highlighted with a red box and a circled '1'), 'Check Out', 'Edit Room', and 'Send Message' buttons. Below these buttons is a table with columns: Room Number, Status, Guest Name, Check-in/Check-out Date, Message Status, and Last Updated. The table contains two rows: Room 1001 (Status: Occupied) and Room 2002 (Status: Empty). The bottom of the screen shows a pagination bar with '10' items and '1 Item' displayed. The footer includes copyright information and links to Developer Guide, Terms and Conditions, Privacy Policy, and Contact Us.

Room Number	Status	Guest Name	Check-in/Check-out Date	Message Status	Last Updated
Room 1001	●		13/08/2020 11:37-15/08/2020 11:37	Sending failed	2020-08-13 11:46
Room 2002	●				

3 When the **Check In** window pops up, specify the **Check-in Date** and **Check-out Date**.

4 Fill in the fields under **Guest Information**, and click **Check In**.

Reference

- **Guest Name** must be entered essentially.
- You can provide tailored services to customers by specifying the **Age**, **Country** and **Language**.
- After checking in is complete, the "checked in" indicator under **Status** window illuminates green.

Check In ✕

Room Number Room 2002

Check-in Date 2020-08-13  16  : 55 

Check-out Date 2020-08-14  16  : 55  1day(s) 00:00

Guest Information

Guest Name

Company Name

Age  Gender 

Location 

Language 

Purpose of Visit 

* Required Field

Amending the room information

If you do not set up PMS, you can change the **Check In** status of the room.

- 1 Select the target room number for changing information.
- 2 Click **Edit Room** at the top.

The screenshot displays the Samsung Lynk Cloud interface for room management. The top navigation bar includes 'SAMSUNG LYNK Cloud', 'Korea', 'Unclassified', and 'Hotel DT'. The user profile 'Lee Samsung' is visible in the top right. The main interface features a sidebar with navigation options: Home, Room Request, Message History, Device, Content, RuleSet, Business Intelligence, and Settings. The main content area has a top bar with buttons for 'Check In', 'Check Out', 'Edit Room' (highlighted with a red circle and the number 2), and 'Send Message'. Below this is a search bar for 'Room Number'. The central part of the interface is a table with columns: Room Number, Status, Guest Name, Check-in/Check-out Date, Message Status, and Last Updated. The table contains two rows: 'Room 1001' with a green dot status and 'Room 2002' with a grey dot status. At the bottom, there is a pagination control showing '10' items and '1 Item' displayed. The footer includes copyright information and links for Developer Guide, Terms and Conditions, Privacy Policy, and Contact Us.

Room Number	Status	Guest Name	Check-in/Check-out Date	Message Status	Last Updated
Room 1001	●		13/08/2020 11:37-15/08/2020 11:37	Sending failed	2020-08-13 11:46
Room 2002	●				

3 Enter the information to modify and click **Save**.

Edit Room ✕

Room Number Room 1001

Check-in Date :

Check-out Date : 2day(s) 00:00

Guest Information

Guest Name

Company Name

Age Gender

Location *

Language

Purpose of Visit

* Required Field

Sending messages to rooms

Administrator can send messages to guests through the room TV.

- 1 Select the **Room Number** of the room to which you are to send a Message.
- 2 Click **3 Send Message** at the top.

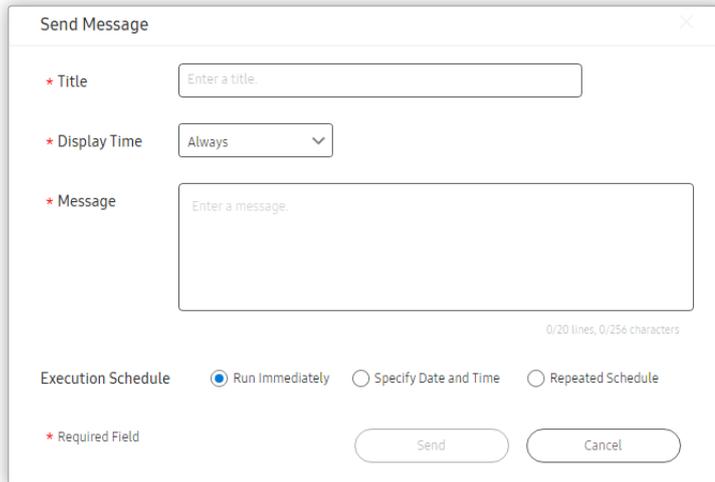
The screenshot displays the Samsung Lynk Cloud interface for room management. The top navigation bar includes 'SAMSUNG LYNK Cloud', 'Korea', 'Unclassified', and 'Hotel DT'. The user profile 'Lee Samsung' is visible in the top right. The main content area features a table with columns for Room Number, Status, Guest Name, Check-in/Check-out Date, Message Status, and Last Updated. Two rows are visible: Room 1001 (Occupied) and Room 2002 (Empty). The 'Send Message' button is highlighted with a red circle and the number 3. The bottom of the interface shows a pagination bar with '10' items and a legend for room status: Occupied (green dot), Empty (grey dot), and Expired (red dot).

Room Number	Status	Guest Name	Check-in/Check-out Date	Message Status	Last Updated
Room 1001	●		13/08/2020 11:37-15/08/2020 11:37	Sending failed	2020-08-13 11:46
Room 2002	●				

3 When a pop-up window appears, enter a message and click **Send**.

Reference

- You must enter **Title**, **Display Time**, and **Message** essentially.
- **Display Time** is time that the **Message** maintains on the TV.
- You can send a **Message** at the time you want through **Execution Schedule**.



The 'Send Message' dialog box contains the following fields and options:

- Title:** A text input field with the placeholder text 'Enter a title.'
- Display Time:** A dropdown menu currently set to 'Always'.
- Message:** A large text area with the placeholder text 'Enter a message.' Below the text area, it shows '0/20 lines, 0/256 characters'.
- Execution Schedule:** Three radio buttons: 'Run Immediately' (selected), 'Specify Date and Time', and 'Repeated Schedule'.
- Buttons:** 'Send' and 'Cancel' buttons.
- Required Field:** A red asterisk icon next to the 'Title' and 'Message' labels.

4 View the **Message Status** and **Message Date** values to confirm that the Message has been sent successfully.

Message Status	Message Date
Sent	2019-12-18 17:16

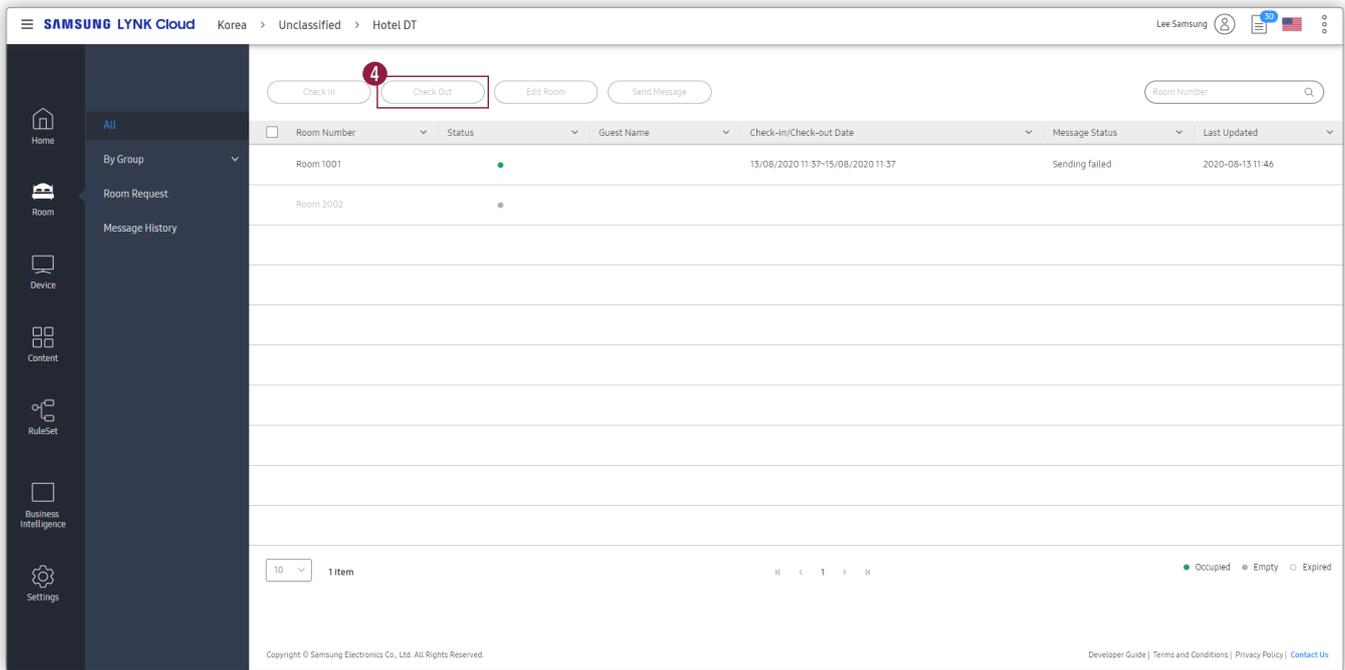
Executing Check Out

In case that you do not set up PMS, you can change rooms to **Check Out** status.

- 1 Select the **Room Number** of the room to Check Out.
- 2 Click **4 Check Out** at the top.

Reference

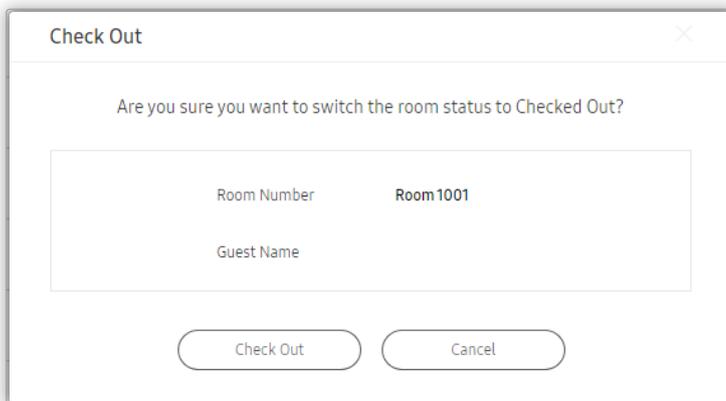
You can also press the **Room Number** to Check Out



Screenshot of the Samsung LYNK Cloud interface showing the room management screen. The 'Check Out' button is highlighted with a red circle and the number 4. The table below shows room details for Room 1001 and Room 2002.

Room Number	Status	Guest Name	Check-in/Check-out Date	Message Status	Last Updated
Room 1001	●		13/08/2020 11:37-15/08/2020 11:37	Sending failed	2020-08-13 11:46
Room 2002	●				

- 3 Confirm that the status has been changed to **Check Out**.



Check Out

Are you sure you want to switch the room status to Checked Out?

Room Number: **Room 1001**

Guest Name:

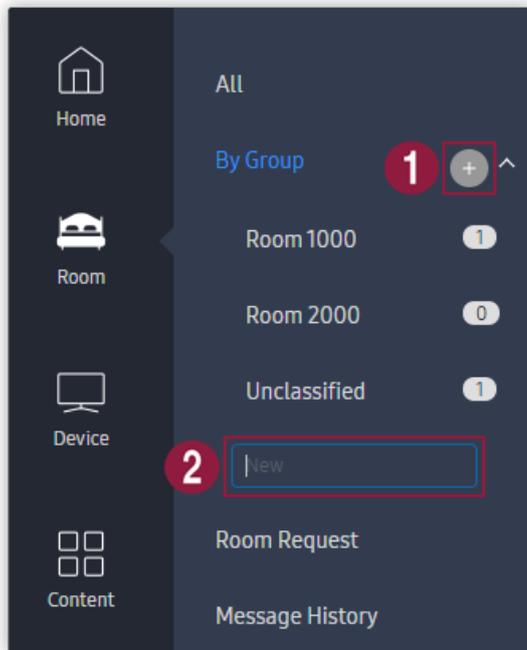
Check Out Cancel

Reference

If you check out a room, personal information of the customer that stayed at the room is deleted from the device.

Creating Room Group

Create a room group. This allows you to send messages or change the status of the rooms that belong to the group to **Check In** or **Check Out** simultaneously.



- 1 Move the cursor to the **By Group** menu on the left and the **+** button appears. Click the **+** button and a text entry box appears at the bottom.
- 2 You can create the **Room Group** by entering the group name you want.

Reference

Rooms that do not belong to a group are moved to the **Unclassified** group.

Managing Room Request

Check and manage the status of orders, bookings or requests made from a room via the TV.

The administrator can also use the page to create and manage requests other than orders made via a TV.

Reference

- To view orders or requests made by customers via TVs, click **Notification** at the top right.
- The number of new requests is shown in the **Refresh** area. If you click **Refresh**, the request quantity is updated.

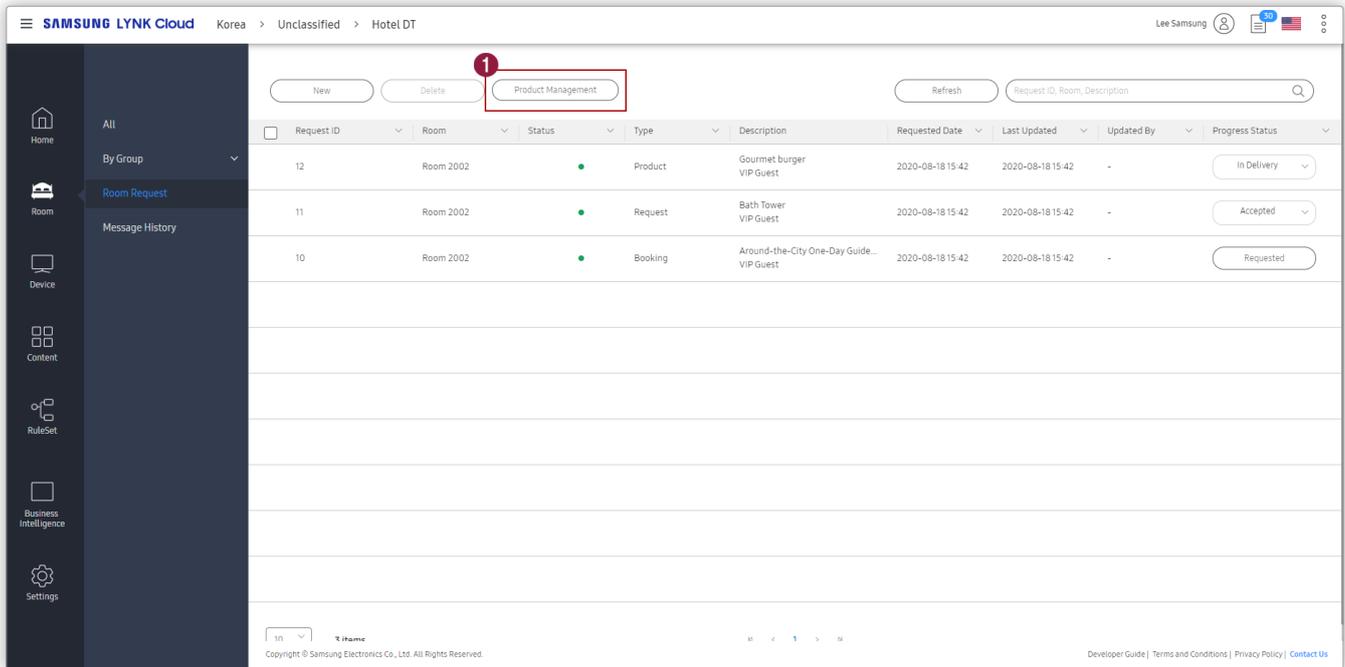
Creating a product from a store

Create a store that will be used to make requests from rooms, and register and edit products to sell.

- 1 Click **1 Product Management** to navigate to the store.

Reference

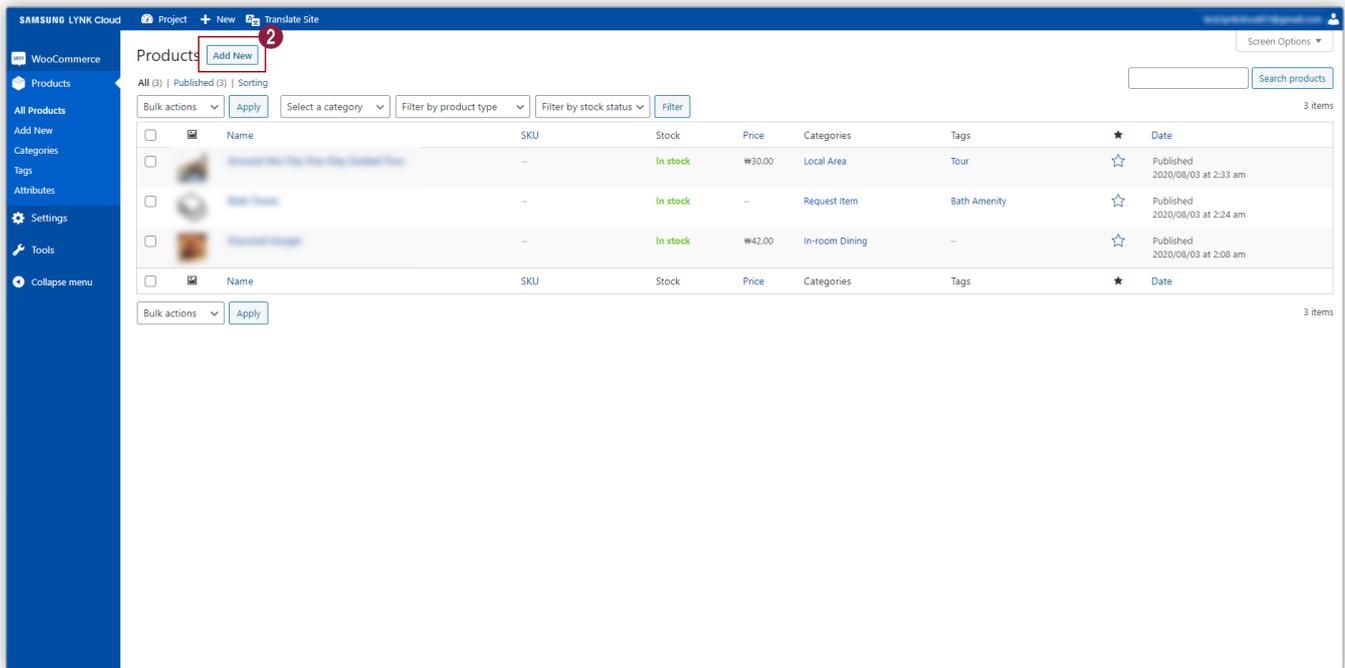
- To access a store from a site for the first time, you need to create a new store.
- This option is enabled when the logged-in account has an **Authoring** role.
- For details on creating a store used to make requests from rooms or managing products, refer to the relevant user guide.



The screenshot shows the SAMSUNG LYNK Cloud interface. The top navigation bar includes 'SAMSUNG LYNK Cloud', 'Korea', 'Unclassified', and 'Hotel DT'. The user 'Lee Samsung' is logged in. The main content area has a table with columns: Request ID, Room, Status, Type, Description, Requested Date, Last Updated, Updated By, and Progress Status. The 'Product Management' button is highlighted with a red box and a '1' in a red circle. The table contains three rows of data:

Request ID	Room	Status	Type	Description	Requested Date	Last Updated	Updated By	Progress Status
12	Room 2002	●	Product	Gourmet burger VIP Guest	2020-08-18 15:42	2020-08-18 15:42	-	In Delivery
11	Room 2002	●	Request	Bath Tower VIP Guest	2020-08-18 15:42	2020-08-18 15:42	-	Accepted
10	Room 2002	●	Booking	Around-the-City One-Day Guide... VIP Guest	2020-08-18 15:42	2020-08-18 15:42	-	Requested

2 To register a product to sell, click **2** Add New.



The screenshot shows the 'Products' management interface in the Samsung LYNK Cloud. The 'Add New' button is highlighted with a red circle and the number 2. The interface includes a sidebar with navigation options like 'All Products', 'Add New', 'Categories', 'Tags', 'Attributes', 'Settings', 'Tools', and 'Collapse menu'. The main content area displays a table of products with the following columns: Name, SKU, Stock, Price, Categories, Tags, and Date. The table shows three items, all with 'In stock' status and published dates.

Name	SKU	Stock	Price	Categories	Tags	Date
Local Area	-	In stock	₩30.00	Local Area	Tour	Published 2020/08/03 at 2:33 am
Request Item	-	In stock	-	Request Item	Bath Amenity	Published 2020/08/03 at 2:24 am
In-room Dining	-	In stock	₩42.00	In-room Dining	-	Published 2020/08/03 at 2:08 am

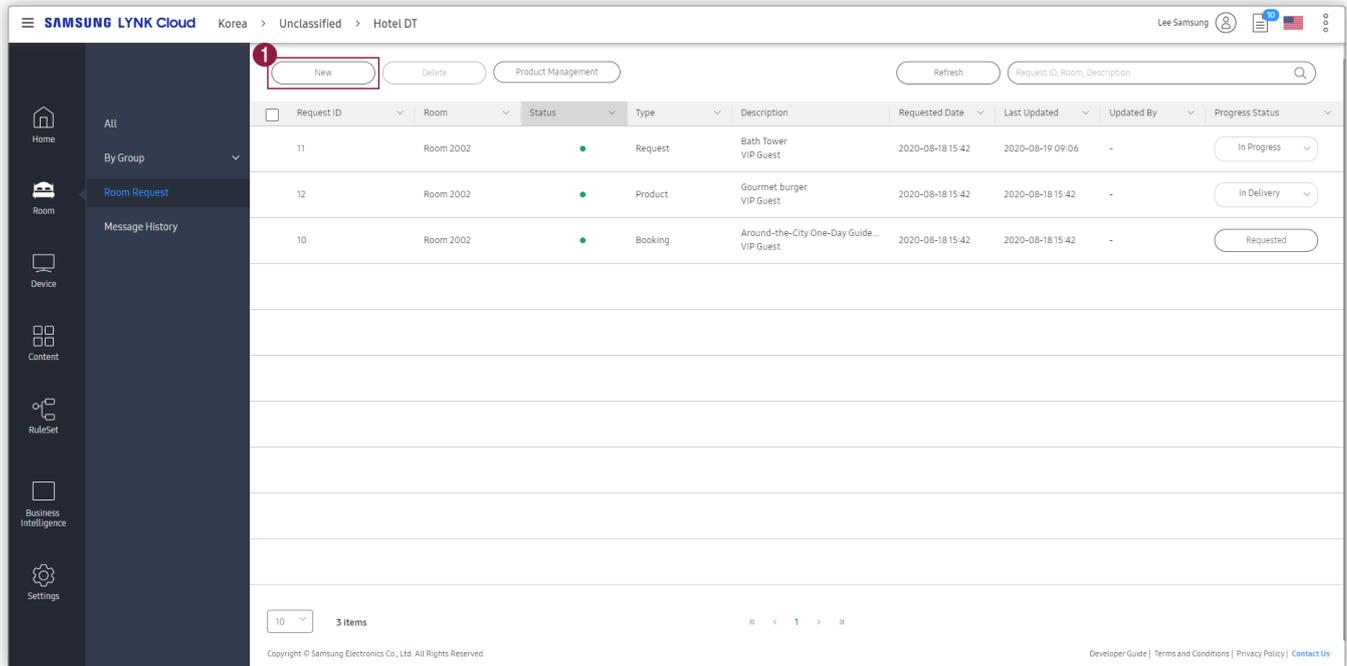
Reference

The list shows the stock, prices and tags set for products.

Creating a new request

Register and manage requests sent directly from customers

- 1 From the menu list on the left, click **Room Request** to display the corresponding menu screen and then click **New**.



The screenshot shows the SAMSUNG LYNK Cloud interface for Room Management. The left sidebar contains a menu with options: Home, Room, Device, Content, RuleSet, Business Intelligence, and Settings. The 'Room' menu is expanded, showing 'Room Request' and 'Message History'. The 'Room Request' option is selected. The main content area displays a table of requests. The 'New' button is highlighted with a red circle and the number 1. The table has columns for Request ID, Room, Status, Type, Description, Requested Date, Last Updated, Updated By, and Progress Status. There are three items listed in the table.

Request ID	Room	Status	Type	Description	Requested Date	Last Updated	Updated By	Progress Status
11	Room 2002	●	Request	Bath Tower VIP Guest	2020-08-18 15:42	2020-08-19 09:06	-	In Progress
12	Room 2002	●	Product	Gourmet burger VIP Guest	2020-08-18 15:42	2020-08-18 15:42	-	In Delivery
10	Room 2002	●	Booking	Around-the-City One-Day Guide... VIP Guest	2020-08-18 15:42	2020-08-18 15:42	-	Requested

- 2 When a pop-up window appears, select a room that made an order and then enter the order details including the requested product, quantity and other requests.

New Request ✕

Request ID

Request Date 2020.08.19 09:11

* Room ● Room 2002 ▼

Guest Name

Memo

0/10 lines, 0/128 characters

* Product Name

Quantity

Price 0

Progress Status

Request Accept In Progress In Delivery Complete

Send Message

* Required Field

Reference

Menu items used to set product details may differ depending on the product.

3 Set the progress status during initial creation.

New Request ✕

Request ID

Request Date 2020.08.19 09:11

* Room ● Room 2002 ▼

Guest Name VIP Guest

Memo
Enter a memo.
0/10 lines, 0/128 characters

* Product Name [Request] Bath Tower ▼

Quantity 5

Price 0

Progress Status Status Log

Request Accept In Progress In Delivery Complete

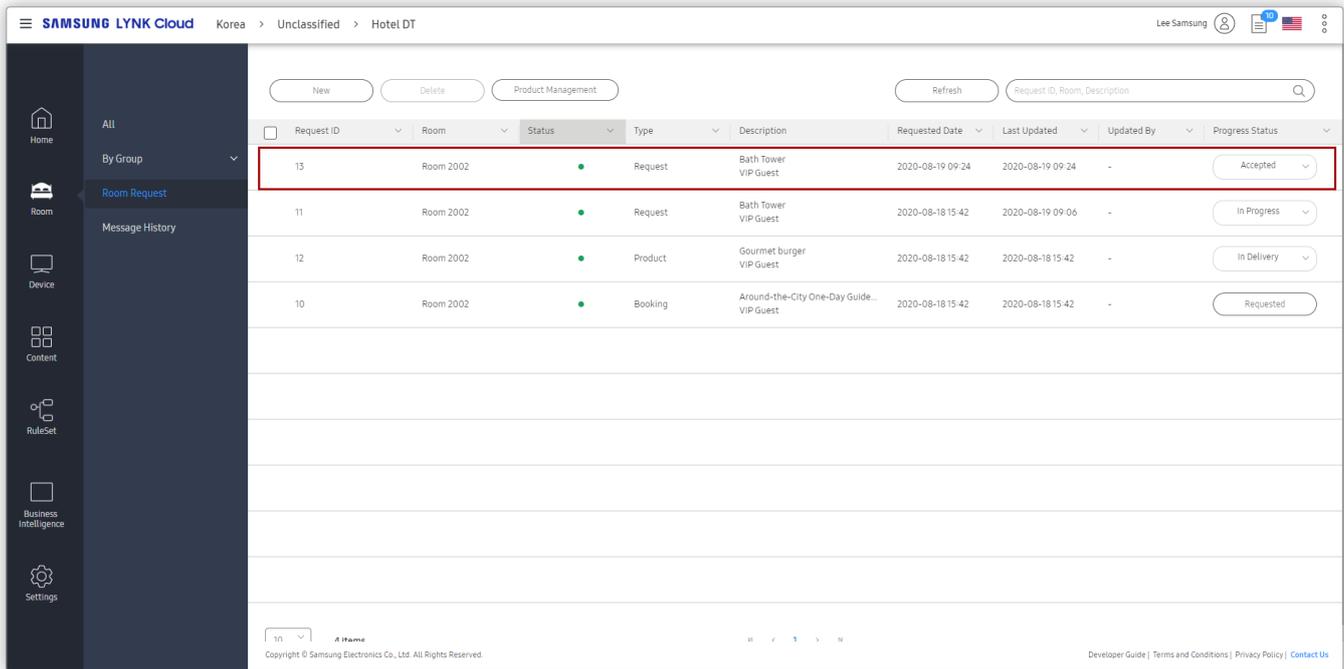
Send Message

* Required Field Save Cancel

Reference

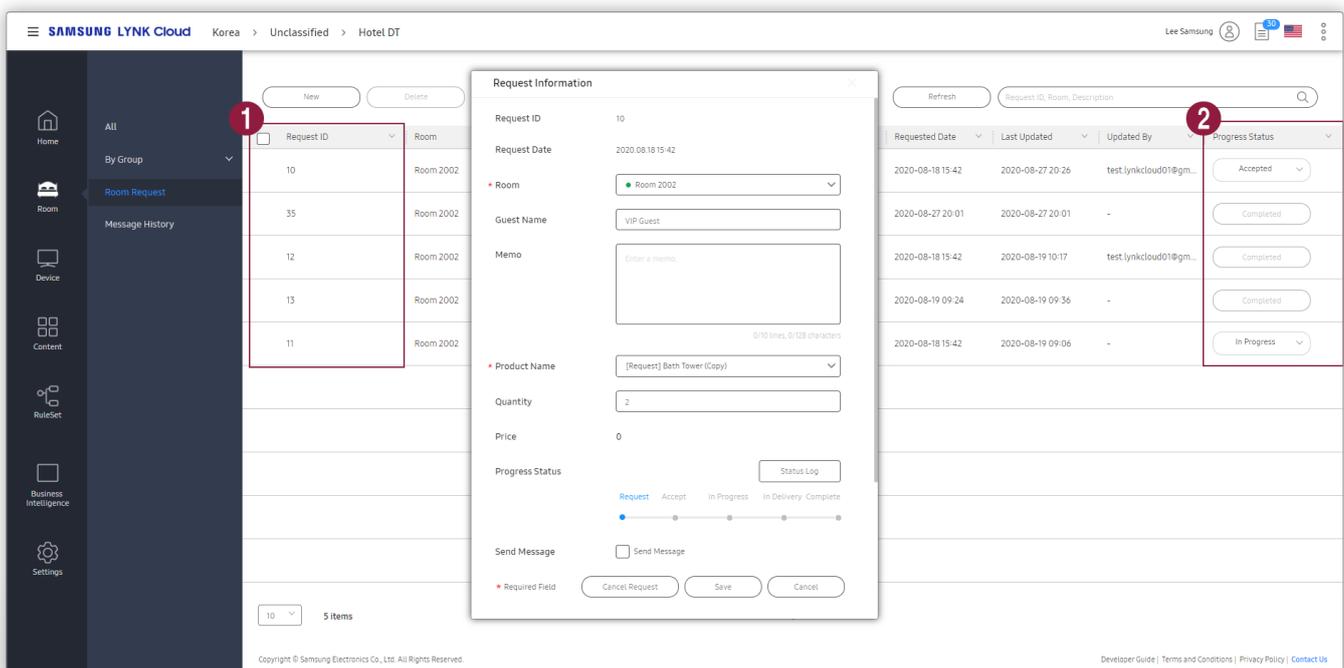
To send a message to the TV in the corresponding room each time the progress changes, select the **Send Message** checkbox.

4 After entering required information, click **Save**. A new request is created.



Changing a request status

1 Click **1** Request ID. The Request Information window appears.

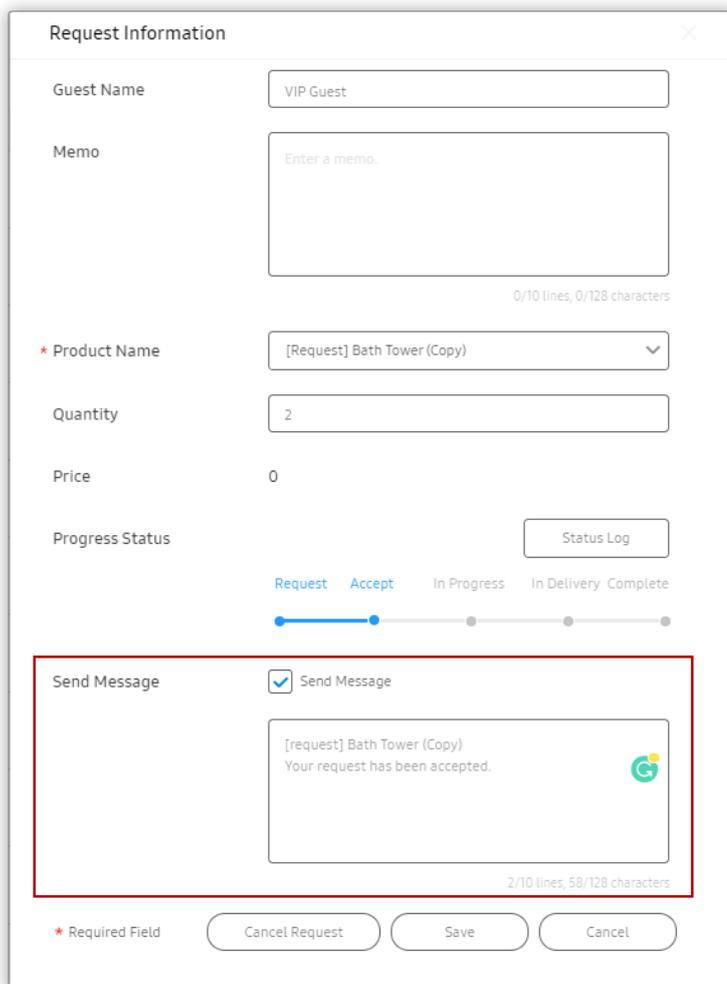


2 In the window, use the **Progress Status** item to change the progress status according to the progress.

Reference

- To change the progress status, click **2 Progress Status**.
- When the progress status is **Completed**, the button is disabled and it is not possible to change the status.
- If the progress status is not **Completed** and the customer checks out, the request is automatically canceled.

3 To send a message to the TV in the corresponding room each time the progress changes, select the **Send Message** checkbox.



Request Information

Guest Name: VIP Guest

Memo: Enter a memo. (0/10 lines, 0/128 characters)

* Product Name: [Request] Bath Tower (Copy)

Quantity: 2

Price: 0

Progress Status: Request | Accept | In Progress | In Delivery | Complete

Send Message: Send Message

[request] Bath Tower (Copy)
Your request has been accepted. (2/10 lines, 58/128 characters)

* Required Field | Cancel Request | Save | Cancel

4 Click the **Save**. The status is updated or the entered message is sent.

Canceling a request

- 1 Click the request ID of the request to cancel. The **Request Information** window appears.

The screenshot displays the Samsung LYNK Cloud interface for Room Management. A modal window titled "Request Information" is open, showing details for request ID 12. The background shows a list of requests with request IDs 13, 11, 12, and 10 highlighted in a red box. The "Request Information" window contains the following fields and options:

- Request ID:** 12
- Request Date:** 2020.08.18 15:42
- Room:** Room 2002
- Guest Name:** VIP Guest
- Memo:** Enter a memo.
- Product Name:** [Product] Gourmet burger
- Quantity:** 2
- Price:** 84
- Progress Status:** Request, Accept, In Progress, In Delivery, Complete
- Send Message:** Send Message
- Required Field:** Cancel Request, Save, Cancel

The background interface shows a table of requests with columns for Requested Date, Last Updated, Updated By, and Progress Status. The progress status for request ID 12 is "In Progress".

2 Click **1** Cancel Request.

Request Information

Request ID 12

Request Date 2020.08.18 15:42

* Room Room 2002

Guest Name VIP Guest

Memo Enter a memo.

0/10 lines, 0/128 characters

* Product Name [Product] Gourmet burger

Quantity 2

Price 84

Progress Status Status Log

Request Accept In Progress In Delivery Complete

Send Message Send Message

* Required Field Cancel Request Save Cancel

Reference

To view the history of previous request cancellations, click **Status Log**.

3 When a pop-up window appears, click **Yes**. The request is canceled.

Cancel Request ✕

Are you sure you want to cancel the request?

Send Message **2**

Enter a message to send to the guest.

0/10 lines, 0/128 characters

Yes
No

Reference

You can send a message to notify cancellation to the TV in the corresponding room. To send a message, click **2 Send Message**.

Deleting the Request

Delete a completed request.

1 Select the checkbox to the left of the request ID of a completed request.

SAMSUNG LYNK Cloud Korea > Unclassified > Hotel DT Lee Samsung    

New
Delete
Product Management
Refresh

<input type="checkbox"/>	Request ID	Room	Status	Type	Description	Requested Date	Last Updated	Updated By	Progress Status
<input checked="" type="checkbox"/>	12	Room 2002	●	Product	Gourmet burger VIP Guest	2020-08-18 15:42	2020-08-19 09:54	test.lynkcloud01@g...	Completed
<input checked="" type="checkbox"/>	13	Room 2002	●	Request	Bath Tower VIP Guest	2020-08-19 09:24	2020-08-19 09:36	-	Completed
<input type="checkbox"/>	11	Room 2002	●	Request	Bath Tower VIP Guest	2020-08-18 15:42	2020-08-19 09:06	-	In Progress
<input type="checkbox"/>	10	Room 2002	●	Booking	Around-the-City One-Day Guide... VIP Guest	2020-08-18 15:42	2020-08-18 15:42	-	Requested

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2 Click the **2** Delete button.

The screenshot shows the Samsung LYNK Cloud interface for Room Management. The top navigation bar includes 'SAMSUNG LYNK Cloud', 'Korea', 'Unclassified', and 'Hotel DT'. The left sidebar contains navigation options: Home, Room, Device, Content, RuleSet, Business Intelligence, and Settings. The main content area displays a table of room requests with columns for Request ID, Room, Status, Type, Description, Requested Date, Last Updated, Updated By, and Progress Status. The 'Delete' button is highlighted with a red box and a red circle containing the number 2.

Request ID	Room	Status	Type	Description	Requested Date	Last Updated	Updated By	Progress Status
12	Room 2002	●	Product	Gourmet burger VIP Guest	2020-08-18 15:42	2020-08-19 09:54	test.lynkcloud01@g...	Completed
13	Room 2002	●	Request	Bath Tower VIP Guest	2020-08-19 09:24	2020-08-19 09:36	-	Completed
11	Room 2002	●	Request	Bath Tower VIP Guest	2020-08-18 15:42	2020-08-19 09:06	-	In Progress
10	Room 2002	●	Booking	Around-the-City One-Day Guide... VIP Guest	2020-08-18 15:42	2020-08-18 15:42	-	Requested

3 When a pop-up window appears, click **Yes**. The request is deleted.

The screenshot shows a 'Delete Request' pop-up window. The window title is 'Delete Request' and it contains the text 'Are you sure you want to delete the selected item(s)?'. At the bottom of the window, there are two buttons: 'Yes' and 'No'.

Contents Management

Contents Creation and Deploy

The administrator can use the HTML editor in the LYNK Cloud to configure, create and deploy web app content that shows the hotel's amenities, services and other information.

Project

Creating new project

- 1 From the menu list on the left, click **Project** to navigate to the Project page.
- 2 Click **1** **New Project** and then click **New**. A new page appears.

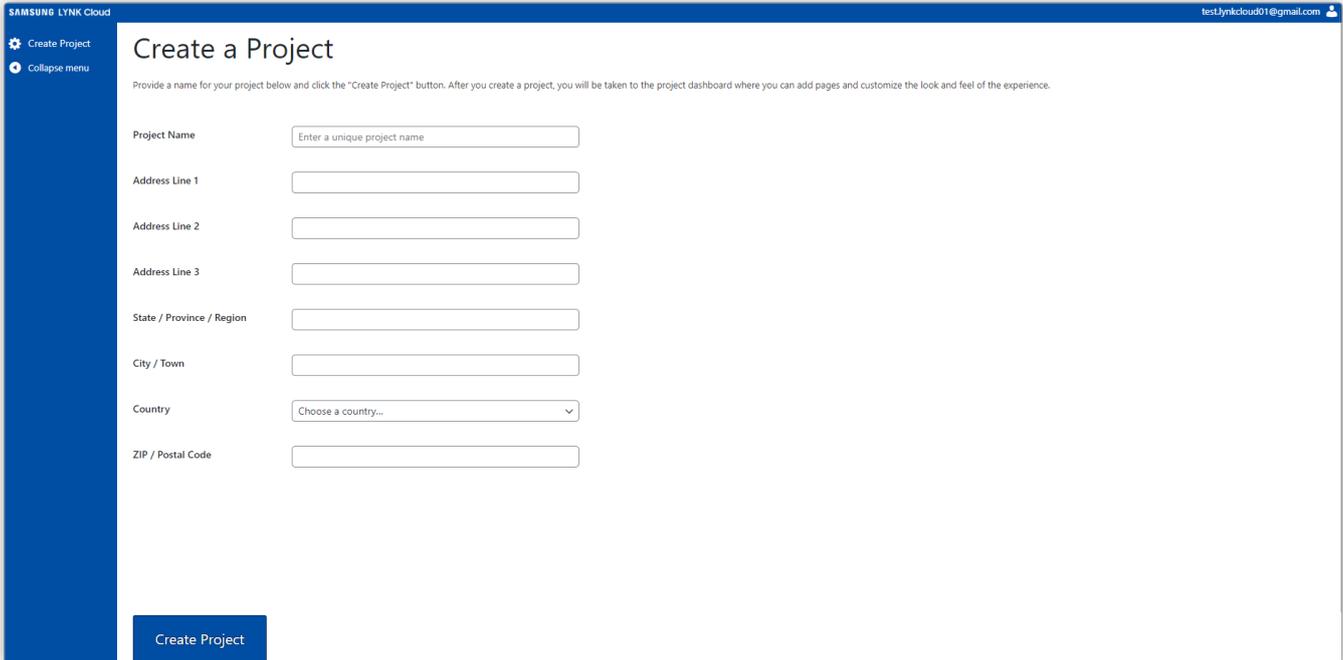
The screenshot shows the Samsung LYNK Cloud interface for project management. The top navigation bar includes the logo, location (Korea), and project details (Unclassified > Hotel DT). The left sidebar contains various management options. The main content area features a table with the following columns: Project, Project Name, Details, App Icon, App Preview, and Last Updated. A 'New Project' button is highlighted with a red circle and the number 1. The table contains one item with a project icon, name, details, app icon, and app preview.

Project	Project Name	Details	App Icon	App Preview	Last Updated
	Project Name	Details			Last Updated

3 Enter required information and click **Create Project**.

 **Reference**

For details on how to create a project or content, refer to the relevant "project and content creation guide."



SAMSUNG LYNK Cloud test.lynkcloud01@gmail.com

Create a Project

Provide a name for your project below and click the "Create Project" button. After you create a project, you will be taken to the project dashboard where you can add pages and customize the look and feel of the experience.

Project Name:

Address Line 1:

Address Line 2:

Address Line 3:

State / Province / Region:

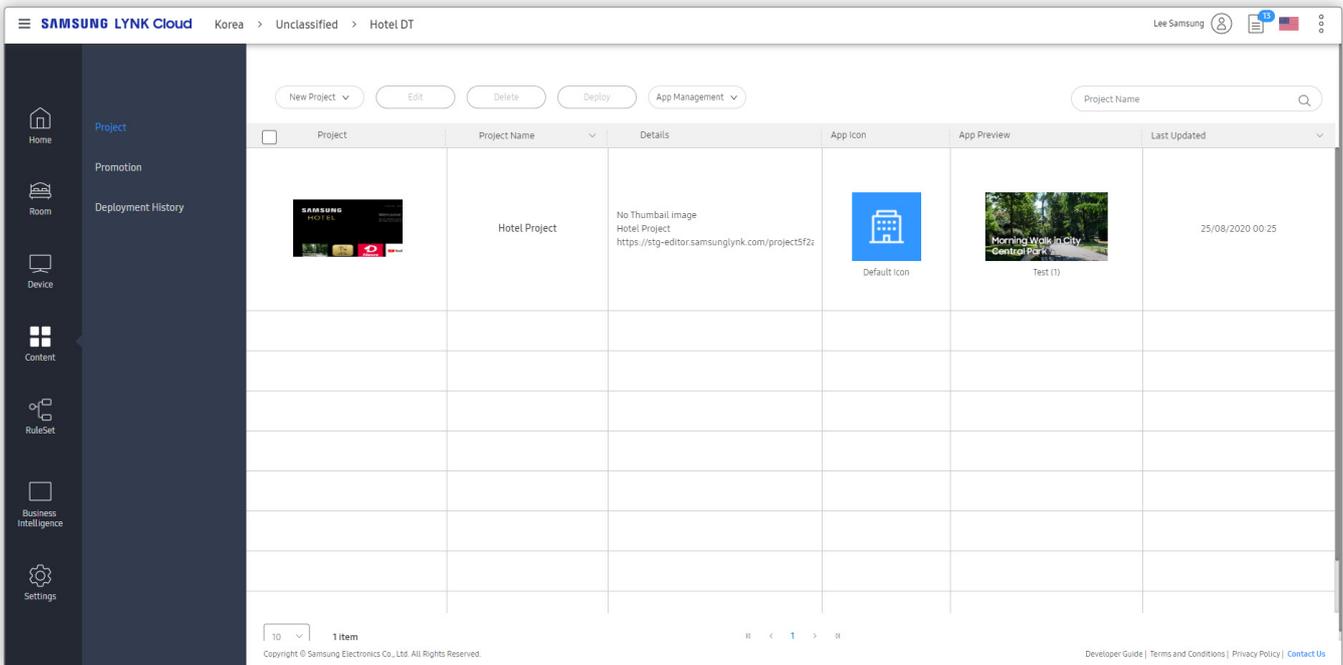
City / Town:

Country:

ZIP / Postal Code:

Create Project

4 Return to the LYNK Cloud page and then click **Notification** at the top right or press the Refresh key (F5). A project is created.



SAMSUNG LYNK Cloud Korea > Unclassified > Hotel DT Lee Samsung

New Project | Edit | Delete | Deploy | App Management

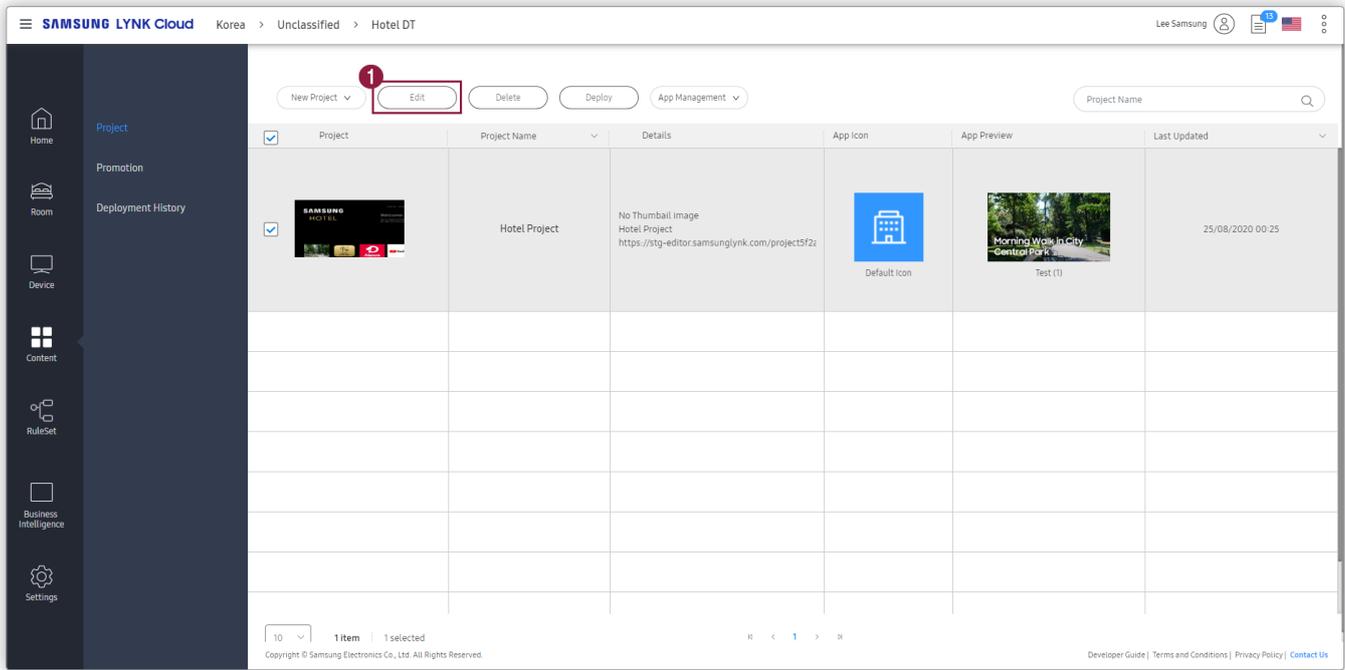
Project	Project Name	Details	App Icon	App Preview	Last Updated
	Hotel Project	No Thumbnail image Hotel Project https://stg-editor.samsunglynk.com/projects/fz	 Default Icon	 Test (1)	25/08/2020 00:25

10 1 Item

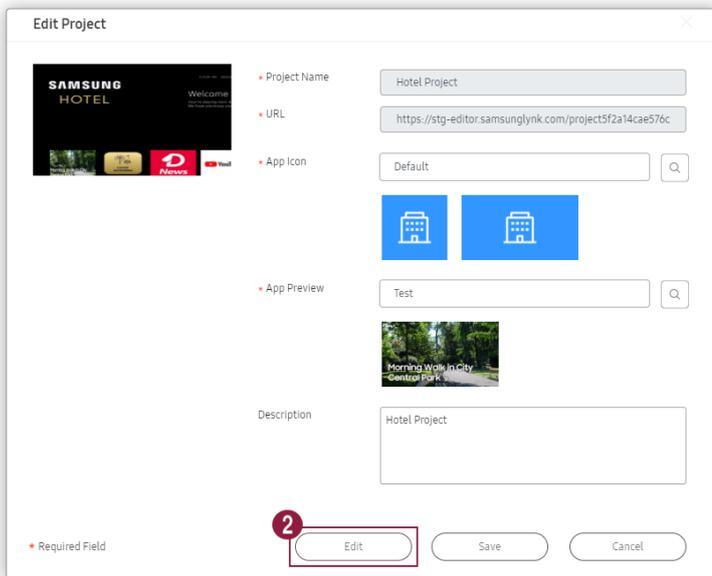
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Editing project

1 Select the project to edit or the checkbox to the left of the project, and then click **1 Edit**. A popup window appears.



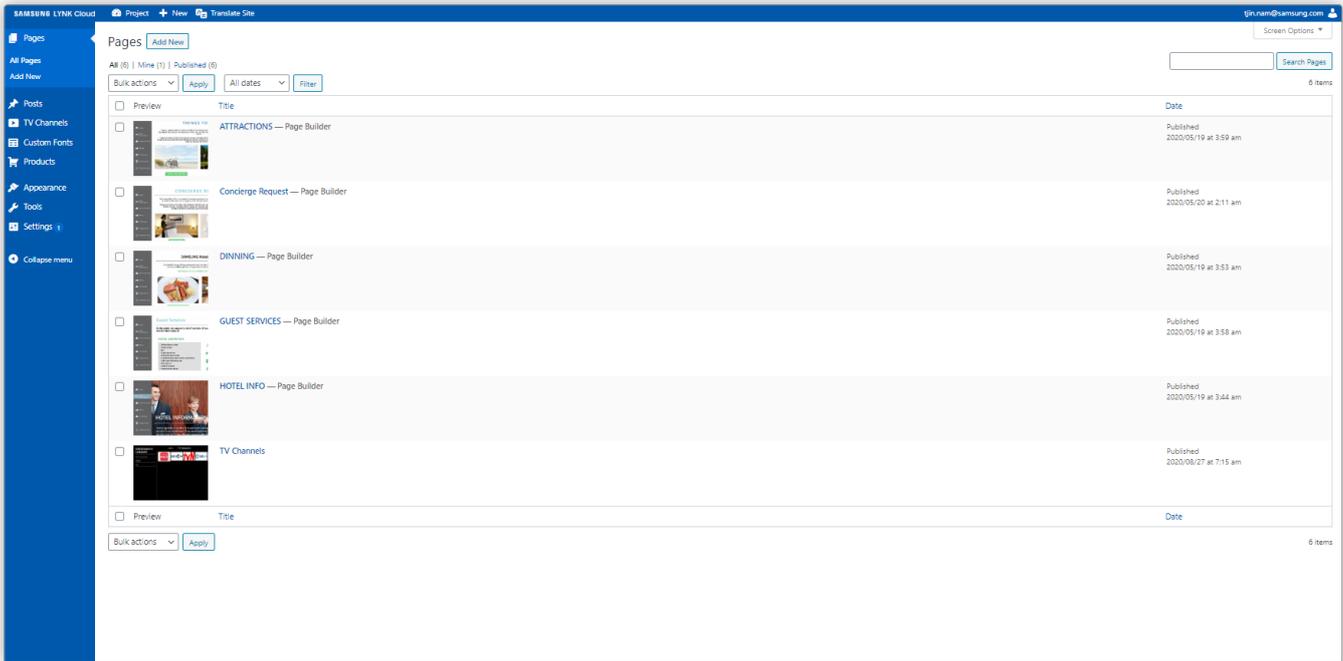
2 Change the app icon, app preview or description. To edit project content, click **2 Edit**.



Reference

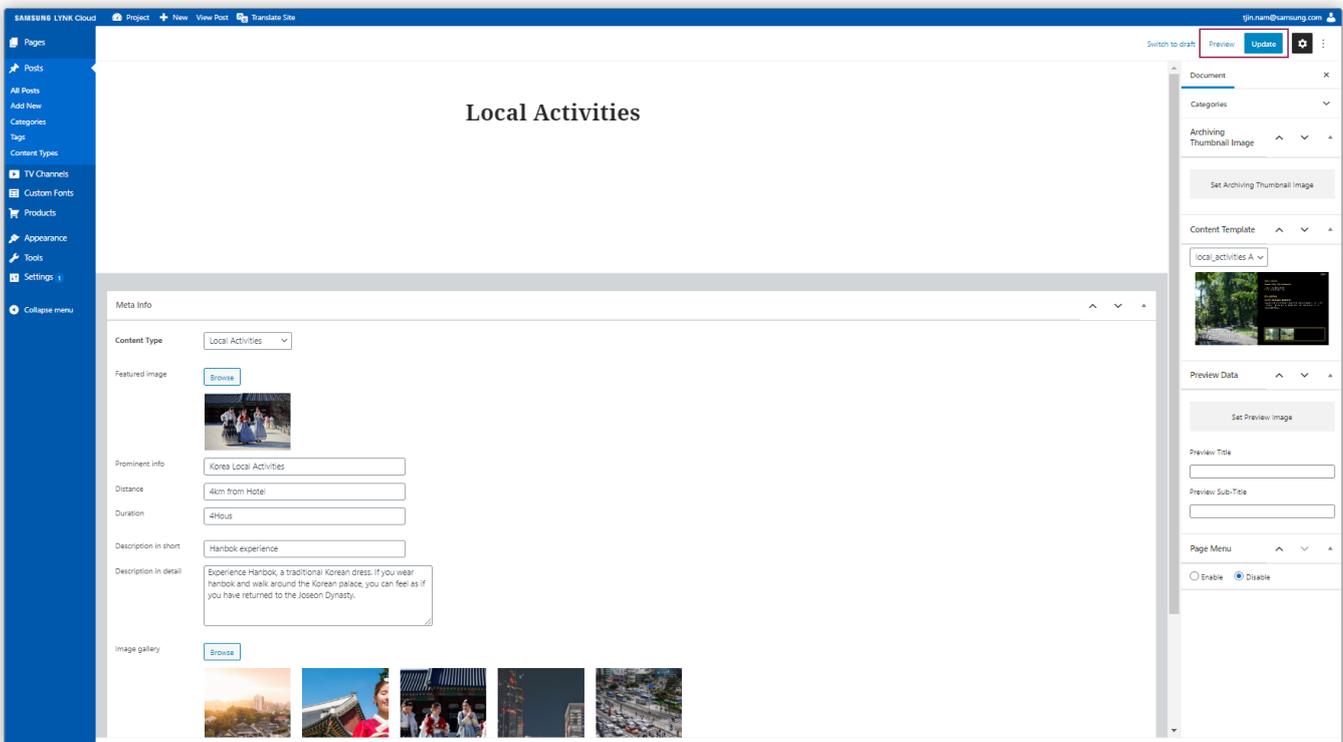
It is not possible to change the **Project Name** or **URL** value.

3 In the new page, place the cursor on the content to edit and click **Edit**.



4 Edit the content and click **Preview** to confirm that the content has been edited.

5 After editing as required, click **Update**.



6 Return to the LYNK Cloud page and click **3 Save**. Editing the project is complete.

Edit Project
✕



- Project Name
- URL
- App Icon Q





- App Preview Q

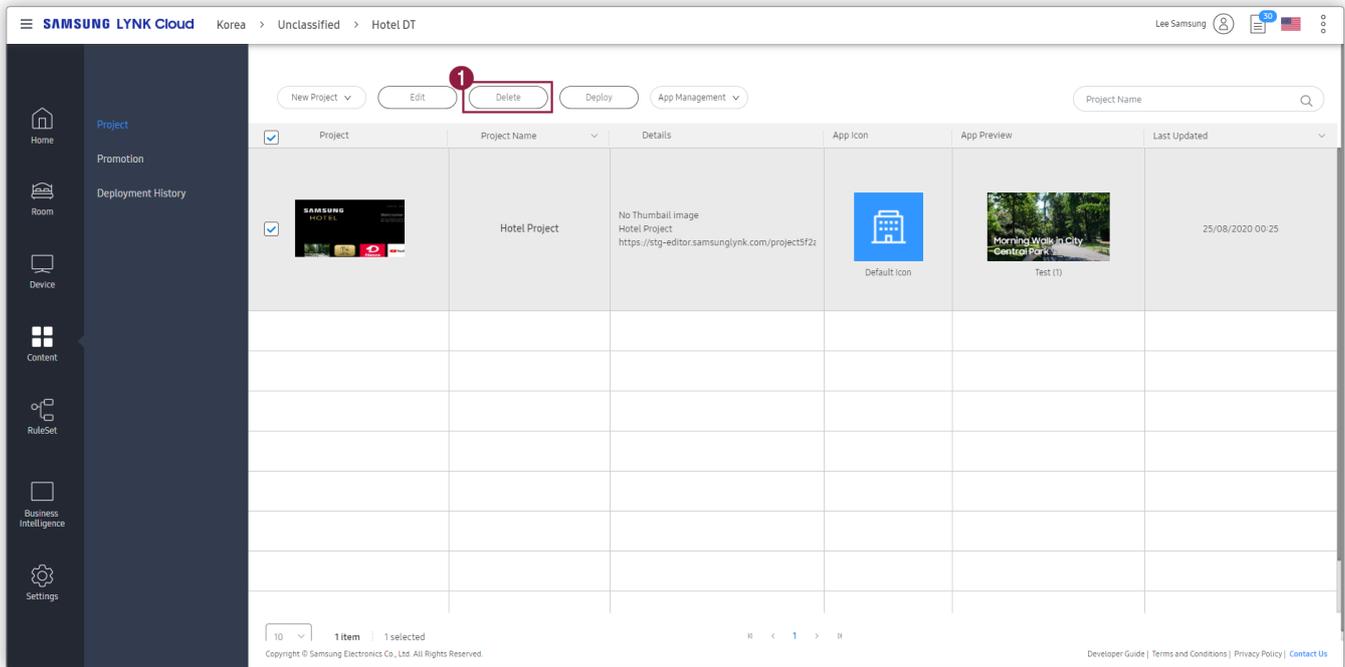


Description

• Required Field

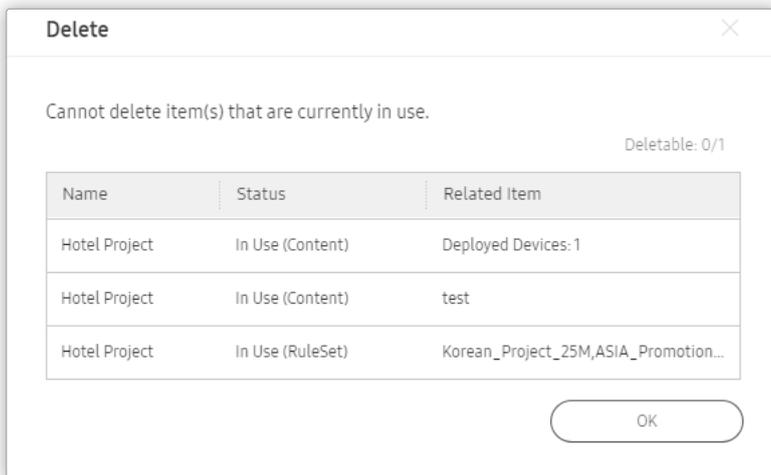
Deleting project

- 1 Select the project to delete and click **1 Delete**.

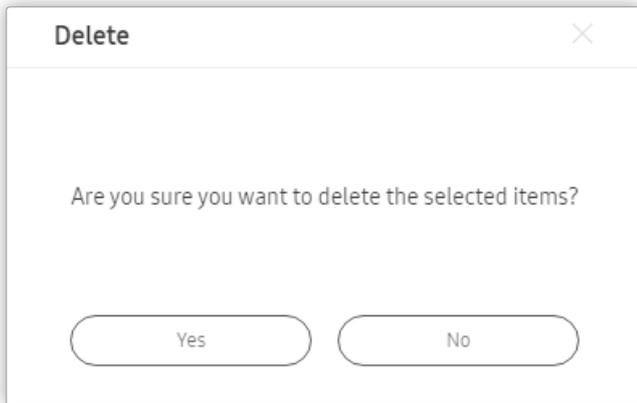


Reference

It is not possible to delete a deployed project that is already in use.



- 2 When a pop-up window appears, click **Yes**.



- 3 Confirm that the **Deleted project successfully.** message appears. If the message does not appear, the project has not been deleted.

 **Reference**

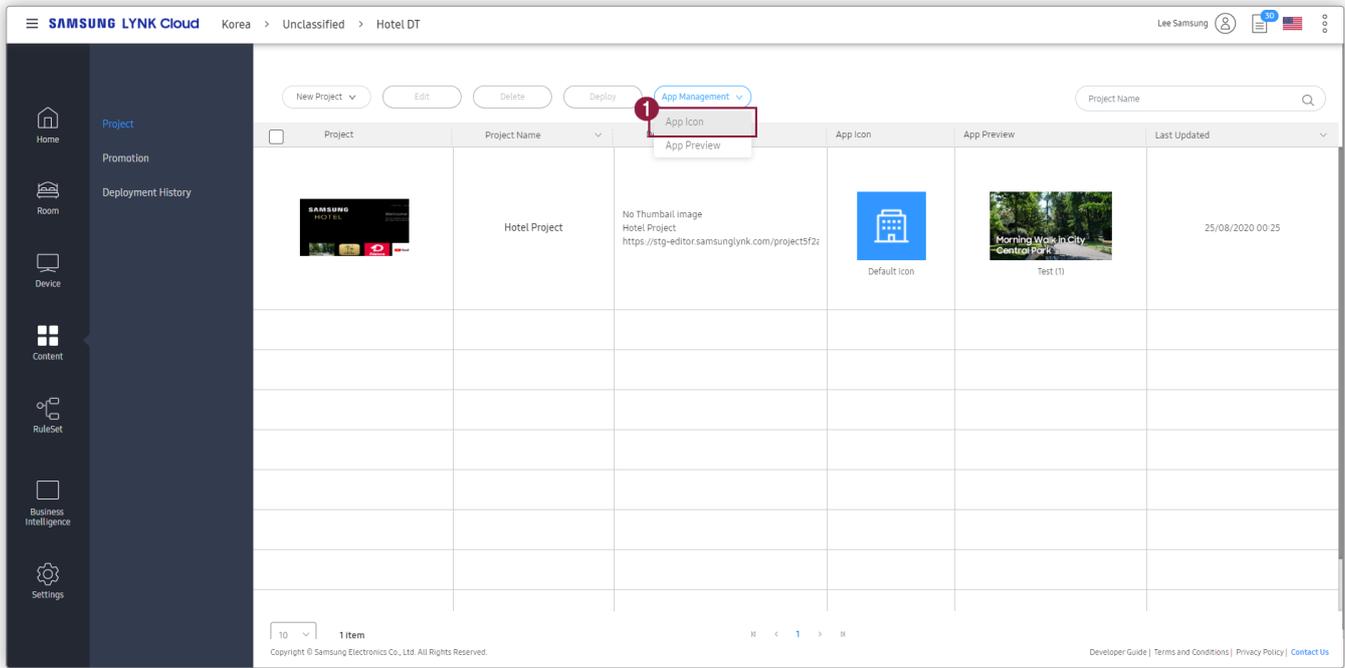
When deleting a project, the contents worked on the relevant project are not saved.

 Deleted project successfully.

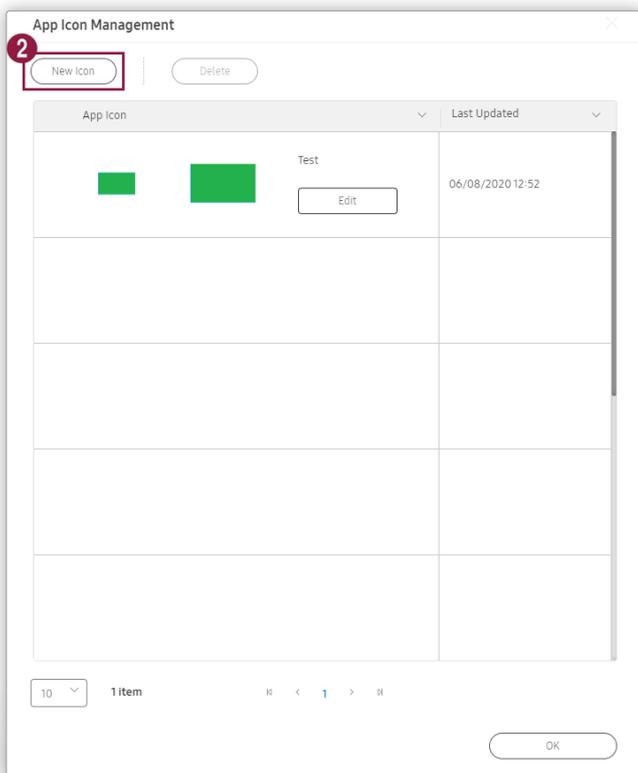
Creating App Icon

Create a variety of icons to use in projects.

- 1 To create a new icon, open the **App Management** dropdown list at the top and click **App Icon**.



- 2 Click **New Icon**.



- 3 Enter an icon name and click  to import the icon to use.

New App Icon ✕

* Icon Name:

* App Icon

+=

Logo Image Background Image 16:91:1

Logo Image: PNG file, 1920 x 1080 resolution, up to 0.3 MB.
Background Image: PNG file, 1920 x 1080 resolution, up to 0.3 MB.

* Required Field

3

Reference

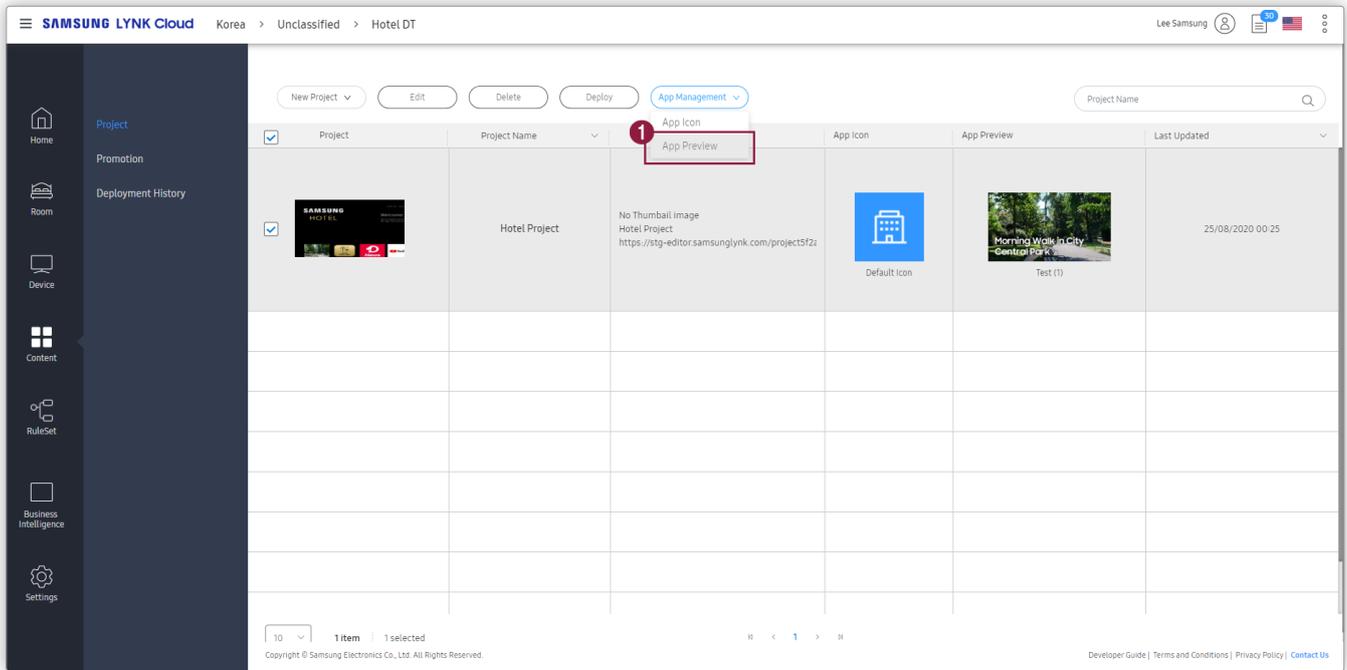
To view details on how to create an app icon, click 3 **Help**. You will be redirected to the website.

- 4 Click the **OK**.

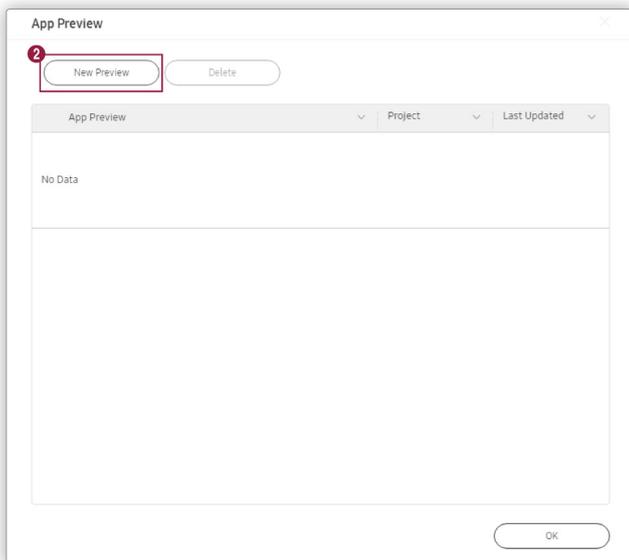
Creating App Preview

Create a TV app preview for a created project.

- 1 To create a new preview, open the **App Management** dropdown list at the top and click **1 App Preview**.

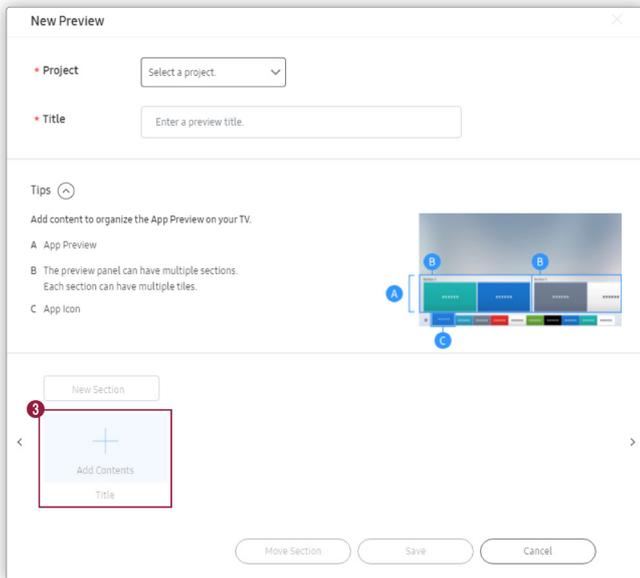


- 2 Click **2 New Preview**.

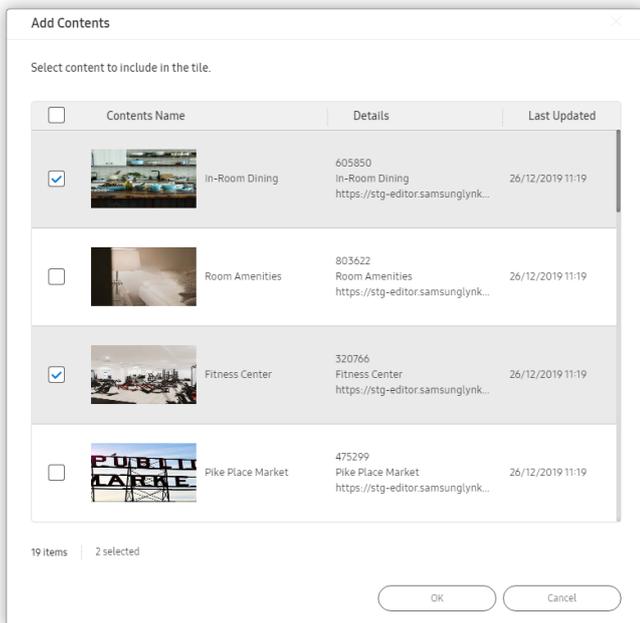


3 Select the project for which you want to create a preview, and fill in the **Title** field.

4 Click **3 Add Contents**.



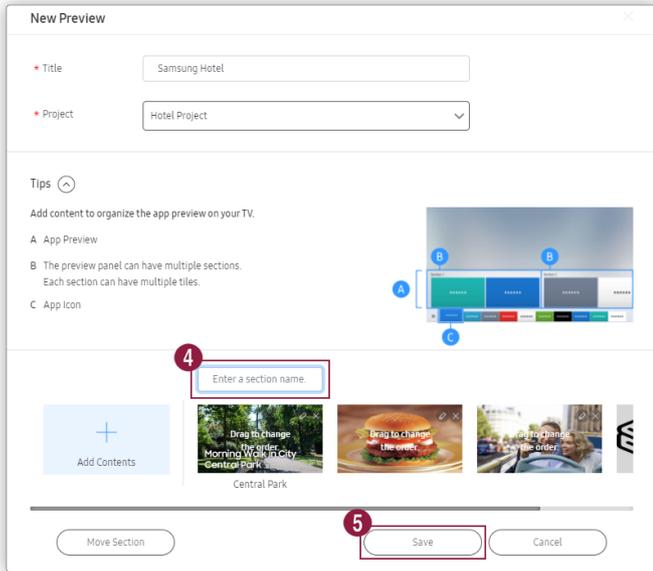
5 Select the content item to use to create a preview, and click **OK**.



 Reference

- The images above are the images of content items that have already been registered from the project.
- To designate a content item as a preview, make sure the content item is already created.

6 Place the mouse above a content item. A text box appears as shown below. Enter a title in place of the **4 Enter a section name.** message in the text box.

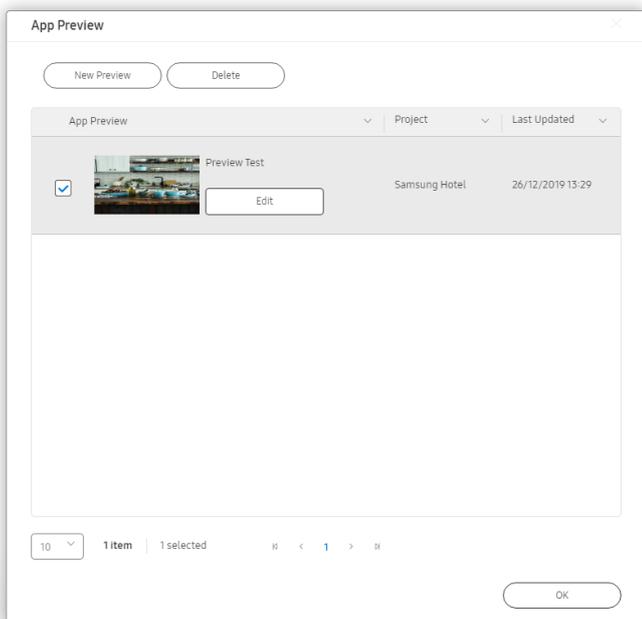


Reference

- To edit or delete items to use as a preview, click the corresponding icon at the top right of a content item.
- To hide details of tips, click the arrow to the right of Tips. The details are kept hidden when a subsequent preview is created.
- You can rearrange sections by dragging and dropping them.
- If a content item is not assigned to a section and you want to include it in a section, drag and drop it to the section.

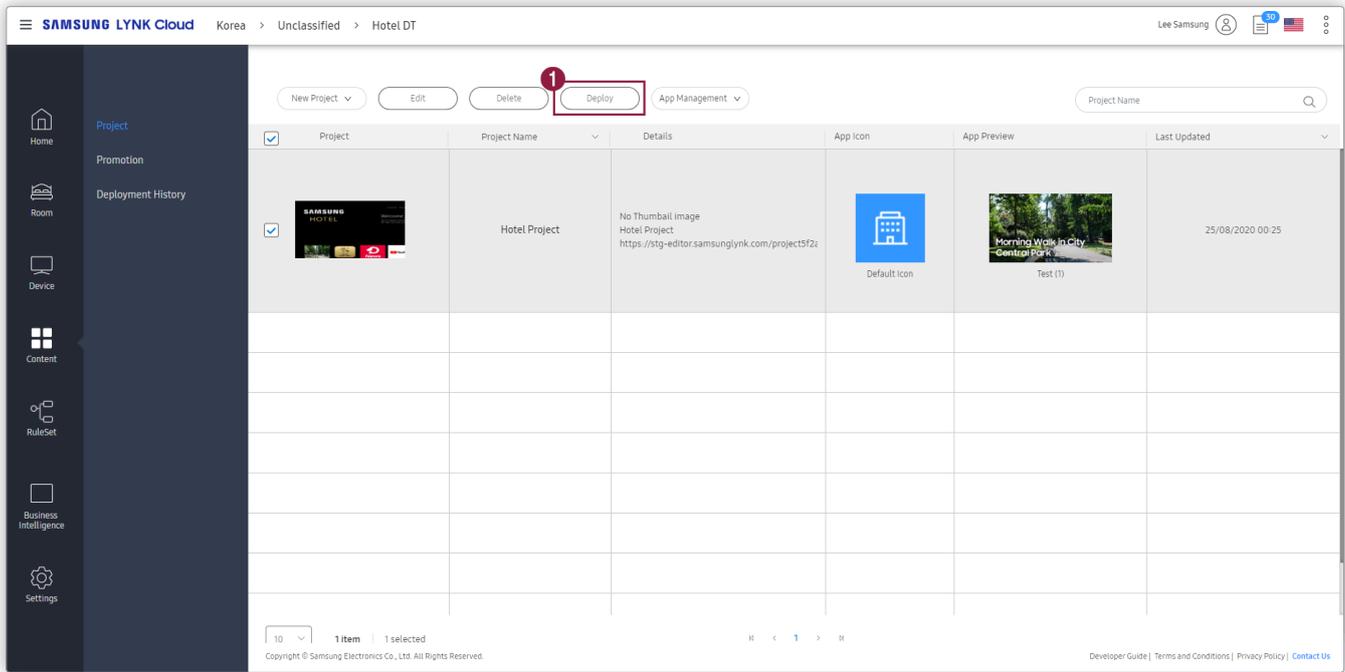
7 Click **5 Save.**

8 Click the **OK.**

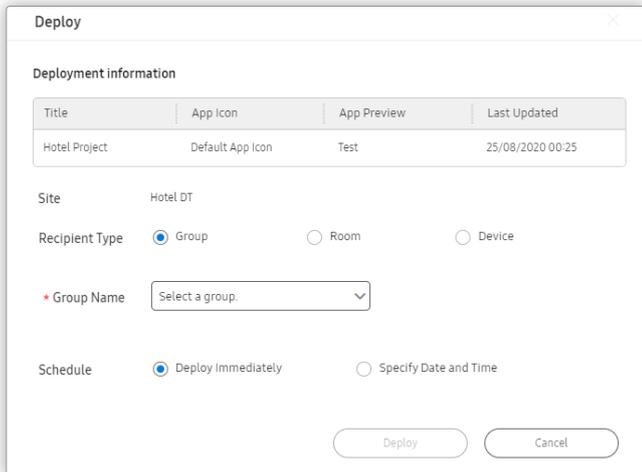


Distributing project

1 Select the project to deploy to in-room TVs, and click **1** Deploy.



2 Select the target and time for deploying the project, and click Deploy.



Deploy Project to the room TV. To view deployment results, follow the steps specified in [Checking Content Content History](#).

Promotion

Use the **Promotion** menu to provide a variety of events and information to the users of in-room TVs.

Creating new project

- 1 From the menu list on the left, click **Promotion** to navigate to the Promotion page.
- 2 Click **1 New Promotion**.

The screenshot shows the Samsung LYNK Cloud interface. The top navigation bar includes 'SAMSUNG LYNK Cloud', 'Korea', 'Unclassified', and 'Hotel DT'. The left sidebar lists navigation options: Home, Project, Promotion, Deployment History, Room, Device, Content, RuleSet, Business Intelligence, and Settings. The main content area shows a 'New Promotion' button (highlighted with a red circle and the number 1) and a 'Delete' button. Below this is a table with the following columns: Promotion Name, Message, Author, Last Updated, and Deploy. The table contains one row with the following data: Promotion Name: Hotel Project (with a thumbnail image), Message: test, Author: c455de5d-ed1a-4735-99..., Last Updated: 06/08/2020 16:46, and a Deploy button.

Promotion Name	Message	Author	Last Updated	Deploy
 Hotel Project	test	c455de5d-ed1a-4735-99...	06/08/2020 16:46	Deploy

3 Enter required information and click **Save**.

New Promotion

* Title

* Project

* Select Template

* Display Time

* Message

0/20 lines, 0/256 characters

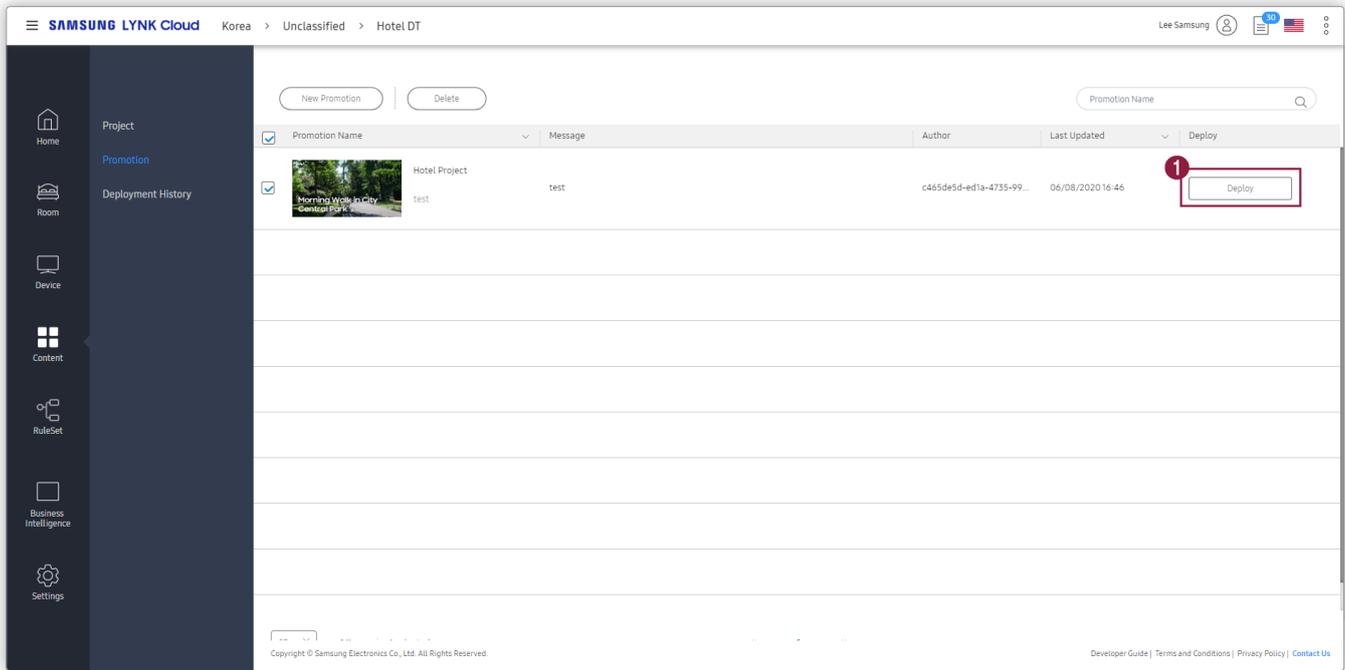
* Required Field

Reference

- **Title:** Enter the title of Promotion.
- **Project:** Select the project to use in a promotion.
- **Select Template:** Select images to be used for Promotion.
- **Display Time:** Select the time that the Promotion maintains on the room TV screen.
- **Message:** Enter Promotion contents.

Deploying promotion

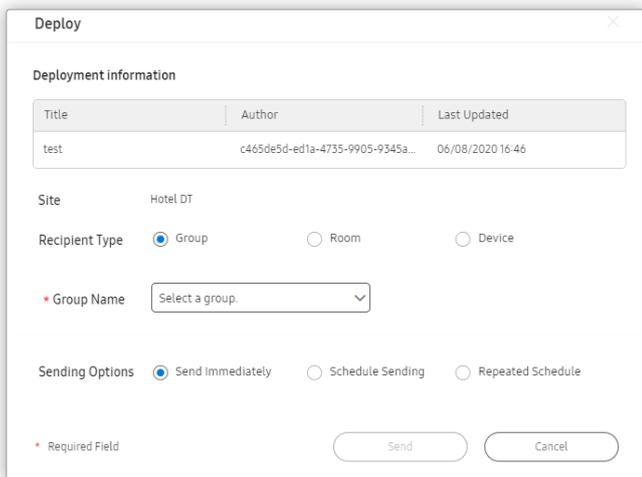
1 Click **1** **Deploy** on the row of the promotion to deploy to in-room TVs.



2 Select the target group or device for deploying the promotion, and click **Deploy**.

Reference

In **Sending Option**, you can set up real-time transmission / Schedule transmission / transmission of specific period.



Deploy Promotion to the room TV.

Reference

Promotion appears as the TV Notification form.

Checking Content Content History

View the history of project, preview and promotion deployments.

Type	Title	Schedule	Recipient	Status
project	Hotel Project	04/08/2020 14:18	2DCKJITTP722U,ZPCKJITTP7224	Deployed (0/2)
preview	No Preview	06/08/2020 14:18	2DCKJITTP722U,ZPCKJITTP7224	Deployed (0/2)
project	Hotel Project	05/08/2020 15:14	Room 2002	Deployed (1/1)
preview	No Preview	05/08/2020 15:14	Room 2002	Deployed (1/1)

- 1 Click **Deployment History** on the left menu to enter the page.
- 2 To delete a deployment history, select the history to delete and click **Delete**.
- 3 View details of a completed deployment. To deploy to a device that is waiting or failed to receive deployed content, click **Retry**.

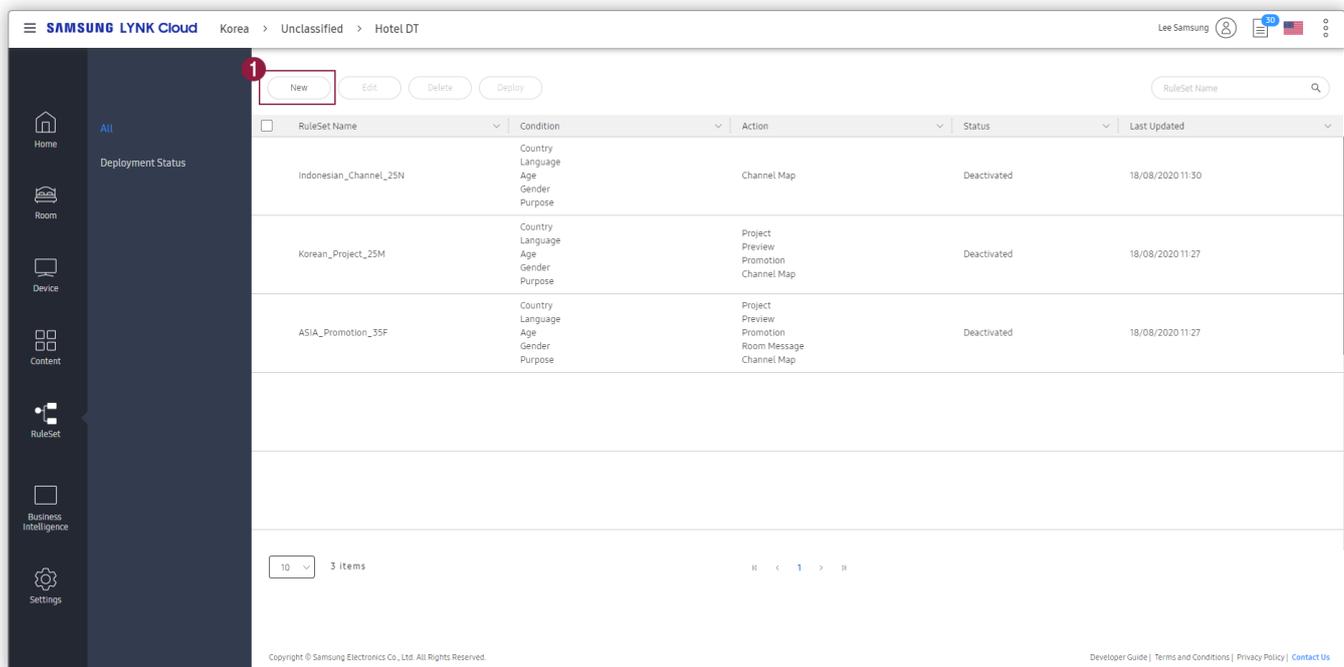
RuleSet

Set the features of customers as conditions. This allows you to deploy a specified project, promotion and/or channel map to in-room TVs when customers that meet the conditions check in.

Adding RuleSet

To add a new ruleset, click **RuleSet** from the menu list on the left to navigate to the ruleset management page.

- 1 On the ruleset management page, click **1** **New** at the top left.

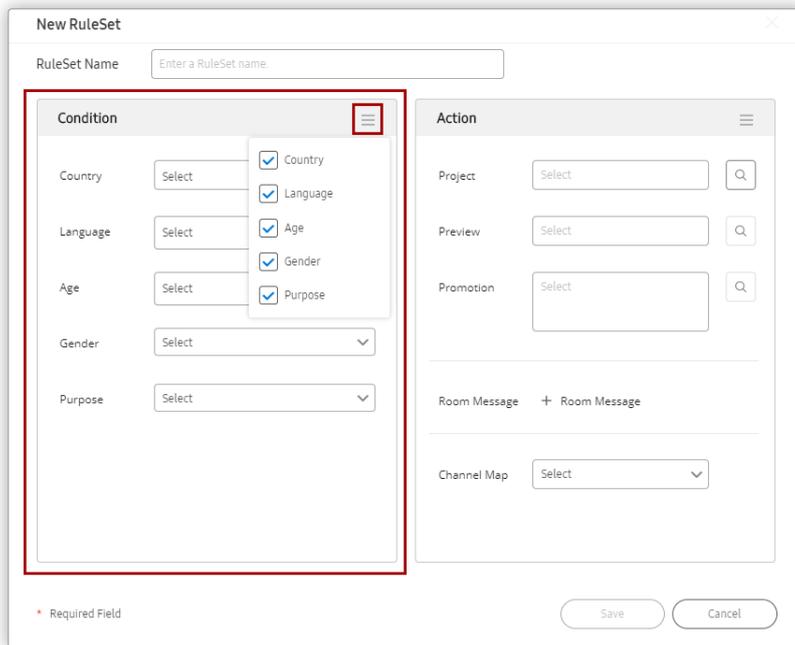


The screenshot displays the Samsung LYNK Cloud interface for managing RuleSets. The breadcrumb navigation shows 'Korea > Unclassified > Hotel DT'. The user is identified as 'Lee Samsung'. The left sidebar contains navigation options: Home, Deployment Status, Room, Device, Content, Ruleset, Business Intelligence, and Settings. The main content area features a table of RuleSets with the following data:

RuleSet Name	Condition	Action	Status	Last Updated
Indonesian_Channel_25N	Country Language Age Gender Purpose	Channel Map	Deactivated	18/08/2020 11:30
Korean_Project_25M	Country Language Age Gender Purpose	Project Preview Promotion Channel Map	Deactivated	18/08/2020 11:27
ASIA_Promotion_35F	Country Language Age Gender Purpose	Project Preview Promotion Room Message Channel Map	Deactivated	18/08/2020 11:27

At the top of the table area, there are buttons for 'New', 'Edit', 'Delete', and 'Deploy'. The 'New' button is highlighted with a red circle and the number 1. Below the table, there is a pagination control showing '10' items per page and '3 items' total. The footer contains copyright information for Samsung Electronics Co., Ltd. and links to Developer Guide, Terms and Conditions, Privacy Policy, and Contact Us.

2 Enter a value in the **RuleSet Name** field and click  in the **Condition** menu pane.



New RuleSet

RuleSet Name

Condition 

Country Country

Language Language

Age Age

Gender Gender

Purpose Purpose

Action 

Project

Preview

Promotion

Room Message

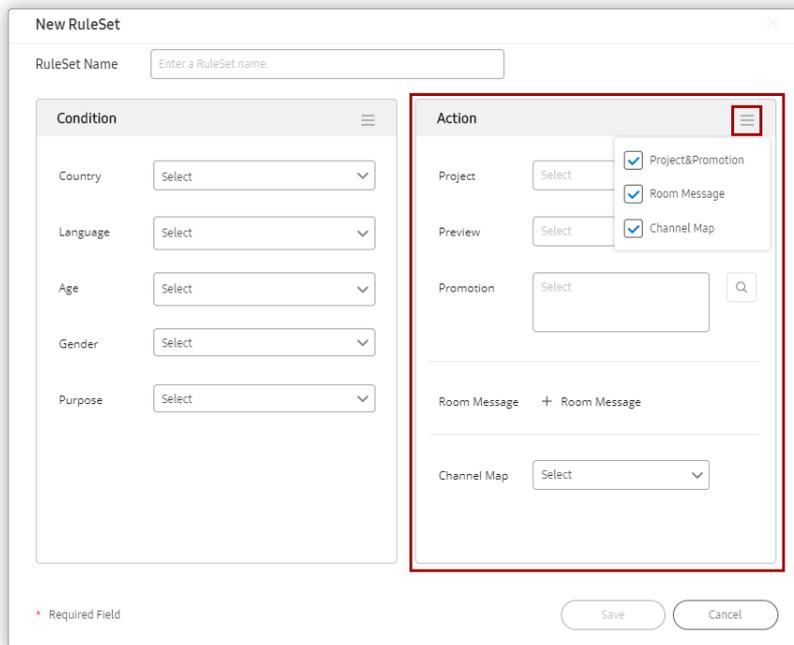
Channel Map

* Required Field

Reference

Use the **Condition** menu to add or delete room guest features.

- 3 After configuring condition settings as required, click  in the **Action** menu pane and then select the action to perform.



New RuleSet

RuleSet Name

Condition

Country

Language

Age

Gender

Purpose

Action

Project Project&Promotion

Preview Room Message

Channel Map

Promotion

Room Message

Channel Map

* Required Field

Reference

- Use the **Action** menu to select the functions to provide to room guests that meet the conditions.
- If **Room Message** is selected, you will need to fill in all the fields to proceed to the next step.

4 After configuring settings as required, click **Save**. A new ruleset is created.

The screenshot shows the Samsung LYNK Cloud interface for managing RuleSets. The breadcrumb path is 'Korea > Unclassified > Hotel DT'. The user is 'Lee Samsung'. The interface includes a sidebar with navigation options: Home, Room, Device, Content, Ruleset, Business Intelligence, and Settings. The main area displays a table of RuleSets with the following data:

RuleSet Name	Condition	Action	Status	Last Updated
<input checked="" type="checkbox"/> US_Project_45N_Trip	Country Language Age Gender Purpose	Project Preview Promotion	Deactivated	18/08/2020 14:32
Korean_Project_25M	Country Language Age Gender Purpose	Project Preview Promotion Channel Map	Deactivated	18/08/2020 11:27
Indonesian_Channel_25N	Country Language Age Gender Purpose	Channel Map	Deactivated	18/08/2020 11:30
ASIA_Promotion_35F	Country Language Age Gender Purpose	Project Preview Promotion Room Message Channel Map	Deactivated	18/08/2020 11:27

At the bottom of the table, it shows '10' items per page, '4 items' total, and '1 selected'. The footer contains 'Copyright © Samsung Electronics Co., Ltd. All Rights Reserved.' and 'Developer Guide | Terms and Conditions | Privacy Policy | Contact Us'.

Editing RuleSet

- 1 Click the ruleset to edit or select the checkbox to the left of the ruleset, and then click **2 Edit**.

The screenshot shows the SAMSUNG LYNK Cloud interface. The top navigation bar includes 'SAMSUNG LYNK Cloud', 'Korea', 'Unclassified', and 'Hotel DT'. The user 'Lee Samsung' is logged in. The left sidebar contains navigation icons for Home, Room, Device, Content, RuleSet, Business Intelligence, and Settings. The main area displays a table of RuleSets with columns for RuleSet Name, Condition, Action, Status, and Last Updated. The 'Korean_Project_25M' rule set is selected, and the 'Edit' button is highlighted with a red box and a '2' in a red circle. The table data is as follows:

RuleSet Name	Condition	Action	Status	Last Updated
US_Project_45N_Trip	Country Language Age Gender Purpose	Project Preview Promotion	Deactivated	18/08/2020 14:32
<input checked="" type="checkbox"/> Korean_Project_25M	Country Language Age Gender Purpose	Project Preview Promotion Channel Map	Deactivated	18/08/2020 11:27
Indonesian_Channel_25N	Country Language Age Gender Purpose	Channel Map	Deactivated	18/08/2020 11:30
ASIA_Promotion_35F	Country Language Age Gender Purpose	Project Preview Promotion Room Message Channel Map	Deactivated	18/08/2020 11:27

At the bottom of the table, it shows '4 items | 1 selected' and pagination controls. The footer contains 'Copyright © Samsung Electronics Co., Ltd. All Rights Reserved.' and 'Developer Guide | Terms and Conditions | Privacy Policy | Contact Us'.

- 2 After editing as required, click **Save**. The ruleset settings are changed.

The 'Edit RuleSet' dialog box shows the following configuration:

- RuleSet Name:** Korean_Project_25M
- Condition:**
 - Country: Korea, Republic of
 - Language: Korean
 - Age: 25-34
 - Gender: Male
 - Purpose: Business
- Action:**
 - Project: Hotel Project
 - Preview: Test
 - Promotion: test
 - Channel Map: New Channel

At the bottom, there is a legend for '* Required Field' and 'Save' and 'Cancel' buttons.

Deploying RuleSet

1 Select the checkbox to the left of the ruleset to deploy, and click **3 Deploy**.

The screenshot shows the SAMSUNG LYNK Cloud interface for the 'Hotel DT' project. The 'Deployment Status' page displays a table of RuleSets. The 'Deploy' button is highlighted with a red circle and the number 3. The table lists four RuleSets, with the first one selected.

RuleSet Name	Condition	Action	Status	Last Updated
<input checked="" type="checkbox"/> US_Project_45N_Trip	Country Language Age Gender Purpose	Project Preview Promotion	Deactivated	18/08/2020 14:32
<input type="checkbox"/> Korean_Project_25M	Country Language Age Gender Purpose	Project Preview Promotion Channel Map	Deactivated	18/08/2020 15:09
<input type="checkbox"/> Indonesian_Channel_25N	Country Language Age Gender Purpose	Channel Map	Deactivated	18/08/2020 11:30
<input type="checkbox"/> ASIA_Promotion_35F	Country Language Age Gender Purpose	Project Preview Promotion Room Message Channel Map	Deactivated	18/08/2020 11:27

4 items | 1 selected

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2 Select the items you want and click **Deploy**.

Deploy ✕

Deployment information

RuleSet	Condition	Action	Last Updated
ASIA_Promotion_35F	Country Language Age Gender Purpose	Project Preview Promotion Room Message Channel Map	18/08/2020 15:40

Site Hotel DT

Recipient Type Room Group Room

***Group Name**

Rule Schedule Deploy Immediately Specify Date and Time

Promotion Schedule

test Deploy Immediately Specify Date and Time

Room Message Schedule

Message Deploy Immediately Specify Date and Time

Reference

- Set the **Recipient Type** to specify the range of ruleset applications.
- Activate rules or actions. Select schedules to deploy.
- Specified actions are run when a customer that meets the ruleset conditions checks in.

3 To confirm that deployment is successful, click **Deployment Status** from the menu list on the left.

Type	Title	Schedule	Recipient	Status	Actions
RuleSet	ASIA_Promotion_35F		1 Room	Activated	Deactivate
Channel Map	US Channel Map		1 Room	Activated	
Project	Hotel Project		1 Room	Activated	
Preview	Test		1 Room	Activated	
Message	Message		1 Room	Activated	
Promotion	test		1 Room	Activated	
RuleSet	Korean_Project_25M			Deactivated	Activate
RuleSet	US_Project_45N_Trip			Deactivated	Activate
RuleSet	Indonesian_Channel_25N			Deactivated	Activate

Reference

- To view the actions set for a deployed ruleset, click **+**.
- If you click an item under **Title**, a pop-up window appears. You can use this window to change deployment settings and deploy again.
- If you click an item under **Status**, a pop-up window appears with the deployment history of the ruleset actions

4 View the status of a deployed ruleset. To activate or deactivate a deployed ruleset, press the Activate or Deactivate button at the far right of the ruleset row.

Type	Title	Schedule	Recipient	Status	Actions
RuleSet	ASIA_Promotion_35F		1 Room	Activated	Deactivate
RuleSet	Korean_Project_25M			Deactivated	Activate
RuleSet	US_Project_45N_Trip			Deactivated	Activate
RuleSet	Indonesian_Channel_25N			Deactivated	Activate

Business Intelligence

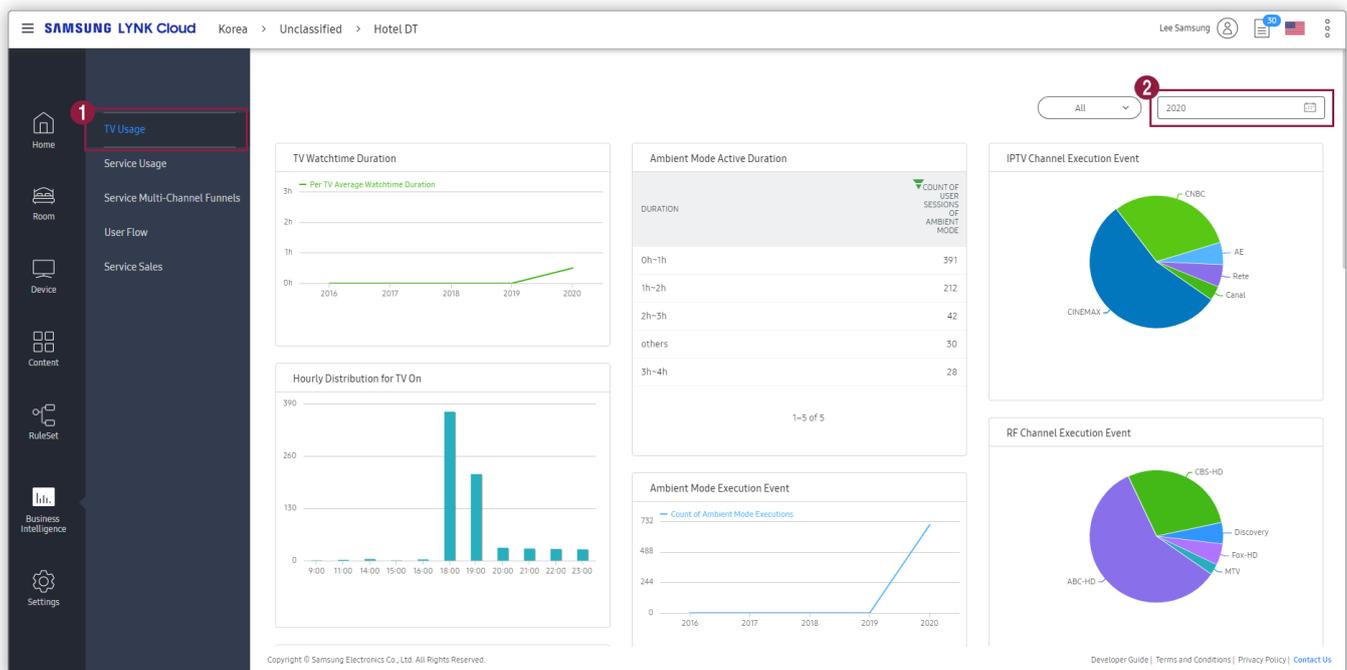
Real-time analytics on hotel room guests' usage of hotel content and TV content are shown visually.

- User Interface Click-Through
- Channel Line-up Utilization
- OTT Content Utilization
- Promotion Tracking

Viewing TV usage status

You can see the TV usage status of hotel guests.

- 1 Click **1** TV Usage on the left menu.



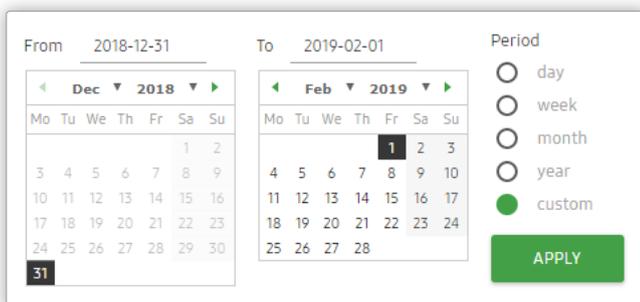
- **Home Execution Event:** Number of times the Home menu was run during the selected period of time
- **Hourly Distribution for TV On:** Number of TVs that were turned on per hour
- **Hourly Distribution for TV Off:** Number of TVs that were turned off per hour
- **TV App Execution Event:** Number of times apps installed on TVs were run
- **Screen Mirroring Execution Event:** Number of times screen mirroring was run during the selected period of time
- **Screen Mirroring Active Duration:** Number of users that activated screen mirroring during a certain period of time
- **Ambient Mode Execution Event:** Number of times **Ambient Mode** was run during the selected period of time
- **Ambient Mode Active Duration:** Number of users that activated **Ambient Mode** during a certain period of time
- **TV Watchtime Duration:** Average watching time per TV during the selected period of time
- **TV Plus Program Execution Event:** Total number of times each TV Plus program was run
- **RF Channel Execution Event:** Total number of times each RF channel was run
- **IPTV Channel Execution Event:** Total number of times each IPTV channel was run
- **TV Plus Program Watchtime Duration:** Total watching time per TV Plus program
- **RF Channel Watchtime Duration:** Total watching time per RF channel
- **IPTV Channel Watchtime Duration:** Total watching time per IPTV channel

2 If you click **2**, the calendar where you can set the date displays.

3 Set the date and click **APPLY**.

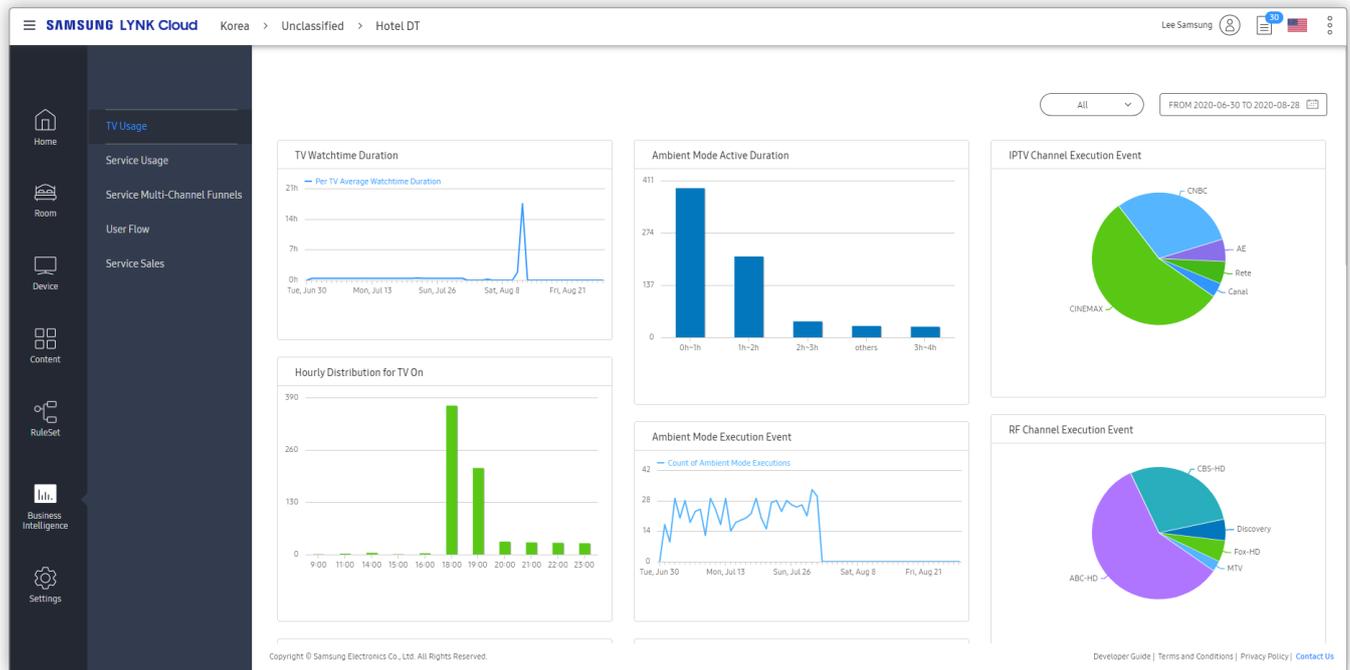
Reference

- If you select the date you want, you can see the data that occurred on that day with filtering.
- The period of time by default is set to last one month.



The screenshot shows a date selection interface. On the left, a calendar for December 2018 is displayed with the date 31 selected. On the right, a calendar for February 2019 is displayed with the date 1 selected. Above the calendars, the 'From' date is 2018-12-31 and the 'To' date is 2019-02-01. To the right of the calendars is a 'Period' dropdown menu with radio button options for 'day', 'week', 'month', 'year', and 'custom'. The 'custom' option is selected. Below the 'Period' menu is a green 'APPLY' button.

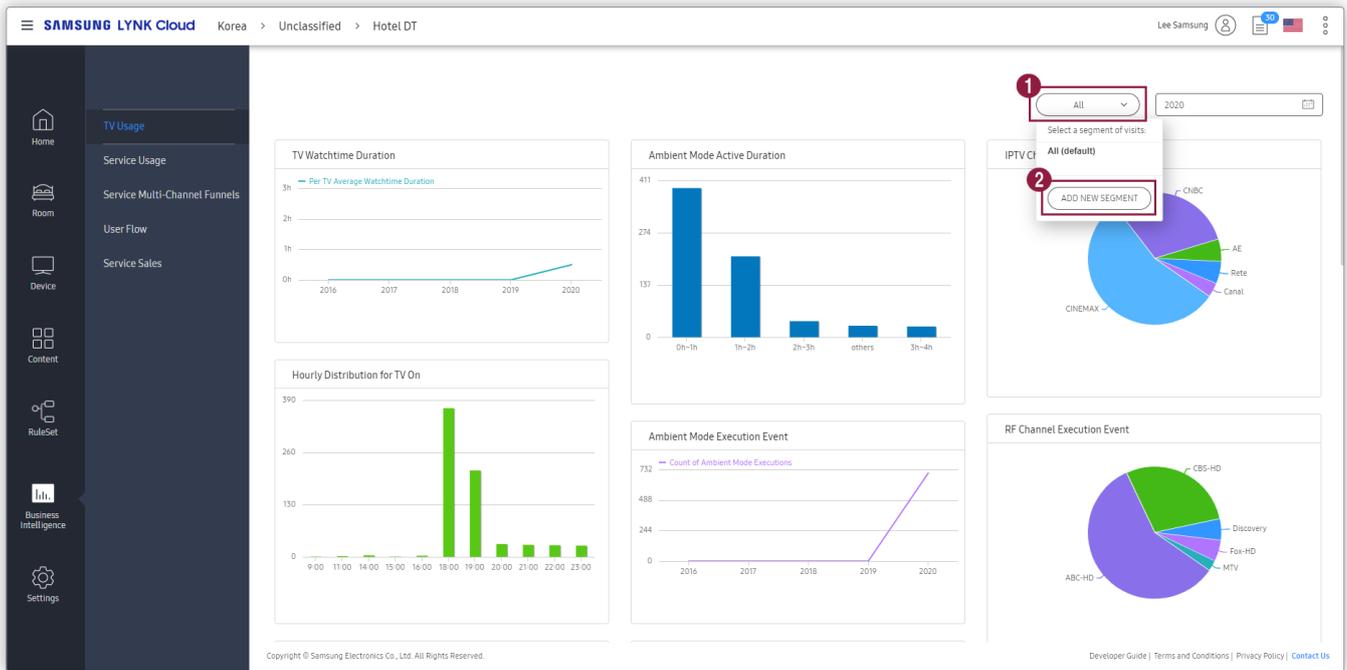
View the status of TV usage on a specified date.



Creating Segment

You can create and set up a segment that matches the guest's characteristics.

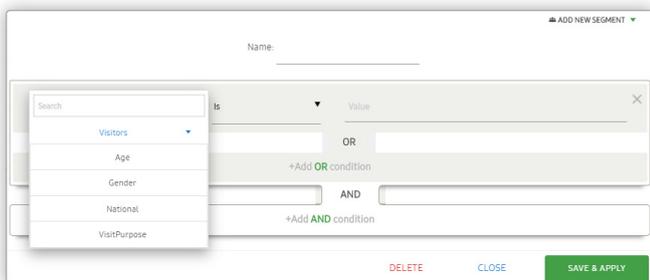
- 1 From the **Service Usage Status** page, click **1 All**.
- 2 Click **2 ADD NEW SEGMENT**. A popup window appears.



- 3 Enter a name and the target for classification, and then click **SAVE & APPLY**.

Reference

- You can categorize according to **Age, Gender, National, and VisitPurpose**.
- Guest information can be entered during Check In in **Room Management** or can be aware via hotel PMS.
- To add the classification conditions, click **+Add OR condition / +Add AND condition**.



Changing the appearance of statistics graph

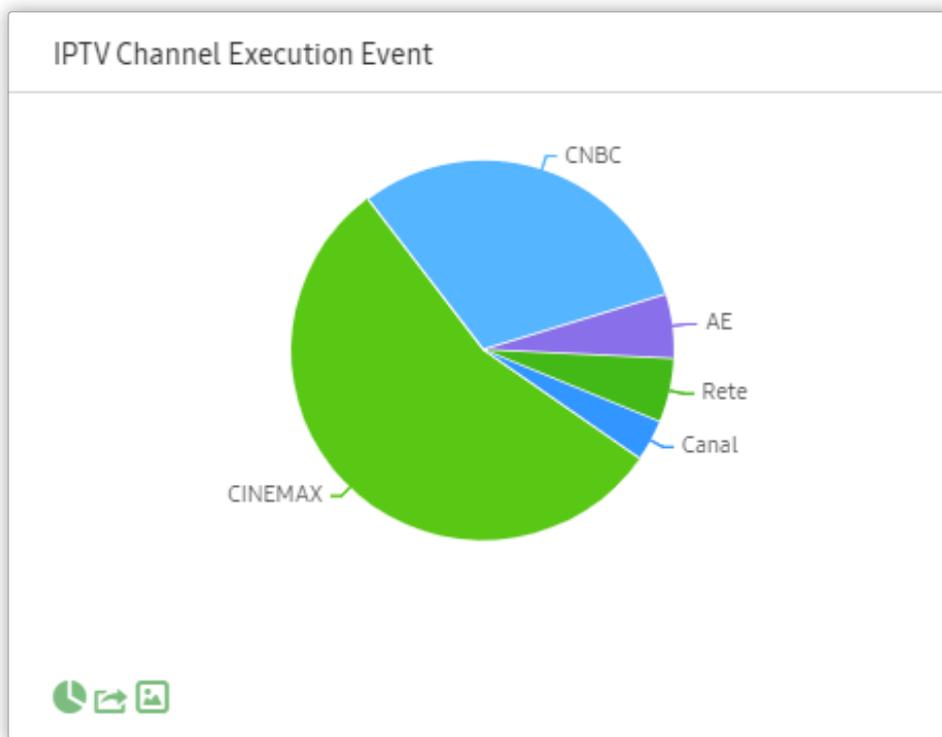
Press  to view the statistics graph in various formats.

Reference

The icon varies depending on the shape of the graph.

Piechart

The statistics values by category appear in the form of a chart.



Display simple table

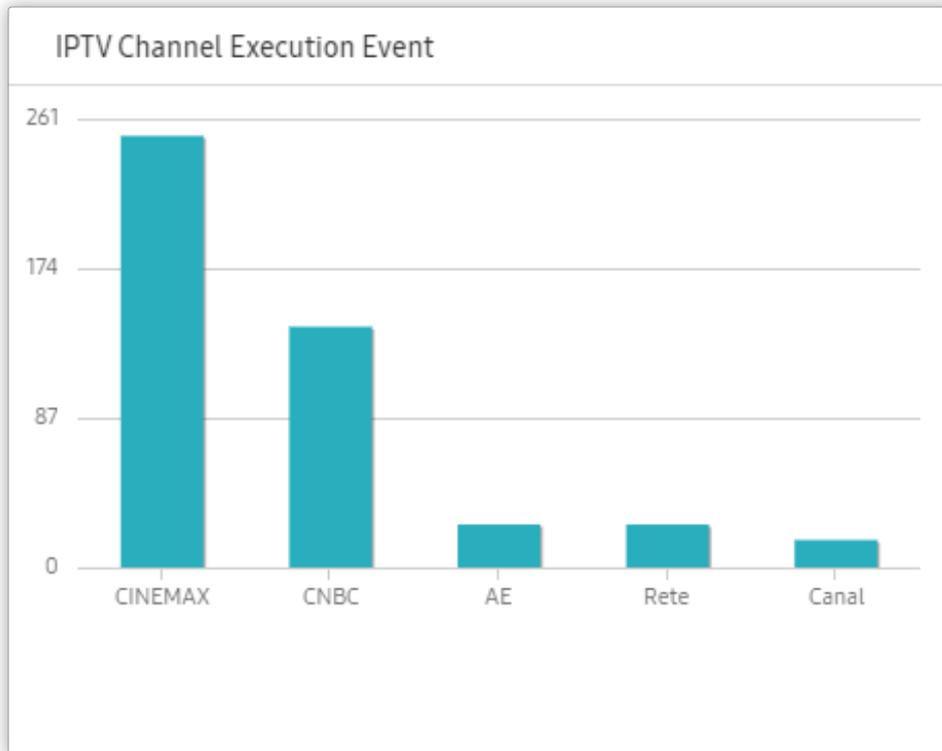
Statistics per category are shown in a simple table format.

IPTV Channel Execution Event	
CHANNEL NAME	 COUNT OF EXECUTIONS
CINEMAX	251
CNBC	140
AE	25
Rete	25
Canal	16

1-5 of 5

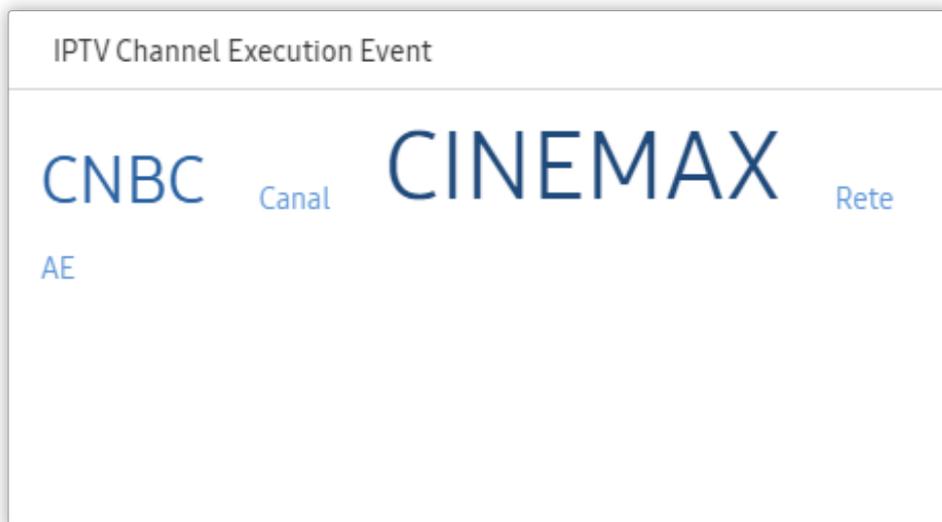
Vertical bar graph

Statistics per category are shown as a bar graph.



Tag Cloud

In the tag cloud, the size of statistics is shown according to the category importance.



Saving by another format

Press  to extract data configured as a statistical graph.

Export IPTV Channel Execution Event ✕

Export format

CSV TSV (Excel)

XML JSON

PHP HTML

RSS

Format metrics

Report type

Standard report

Report with metadata

Row limit

All Custom limit

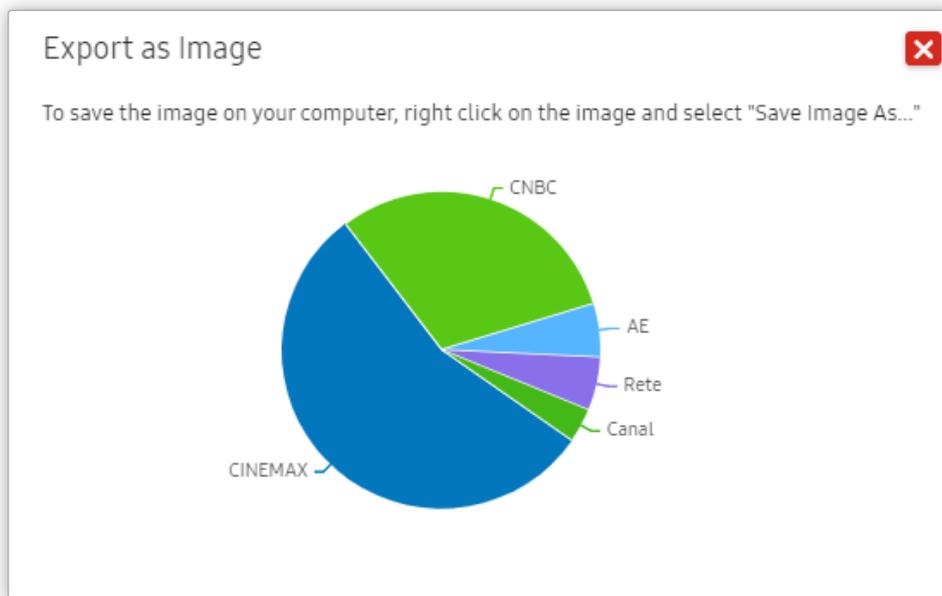
100

EXPORT Show Export URL

Specify the Export format and click **EXPORT**.

Saving as image

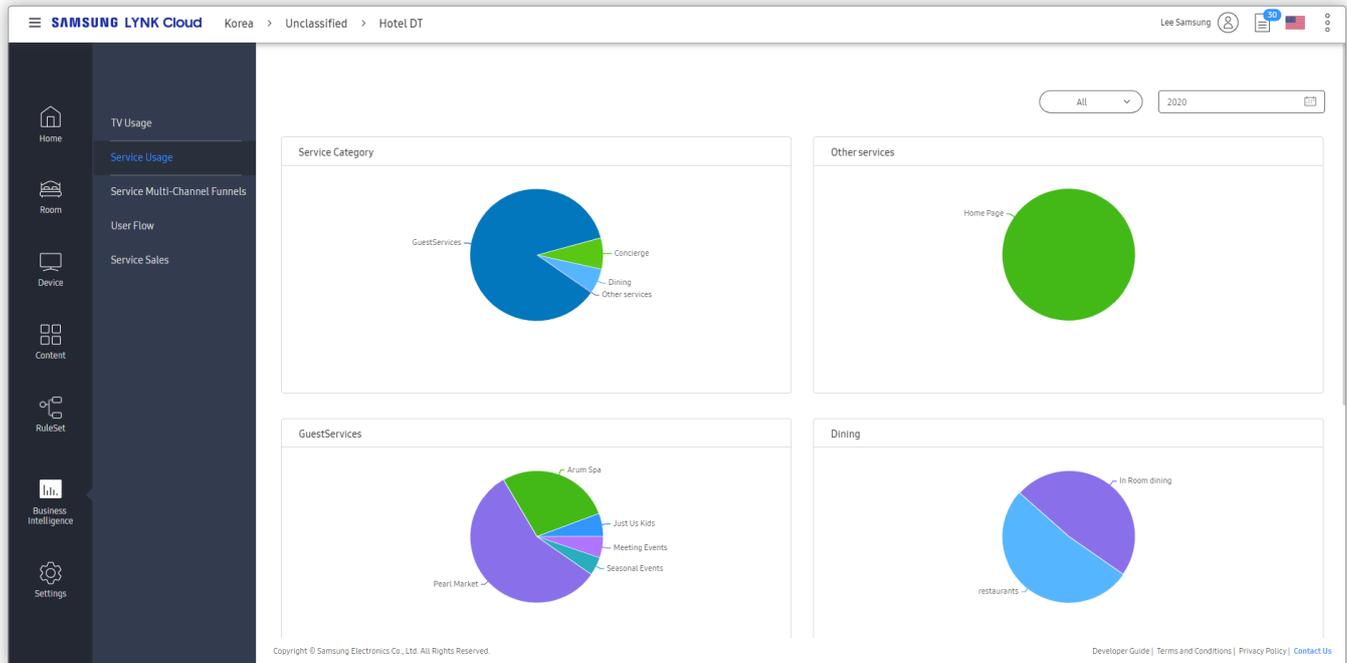
Press  to save a statistical graph in image format.



Right-click on the mouse and select "Save Image As."

Viewing the Service Usage Status

- 1 Click **Service Usage** on the left menu.
- 2 View statistics on the status of room guests' content and service usage via TVs.



- **Service Category:** Number of users of services that were created with content under the **Service Type** item
- **Other services:** Number of users of services not available under the **Content Type** item that were created with individual pages

Reference

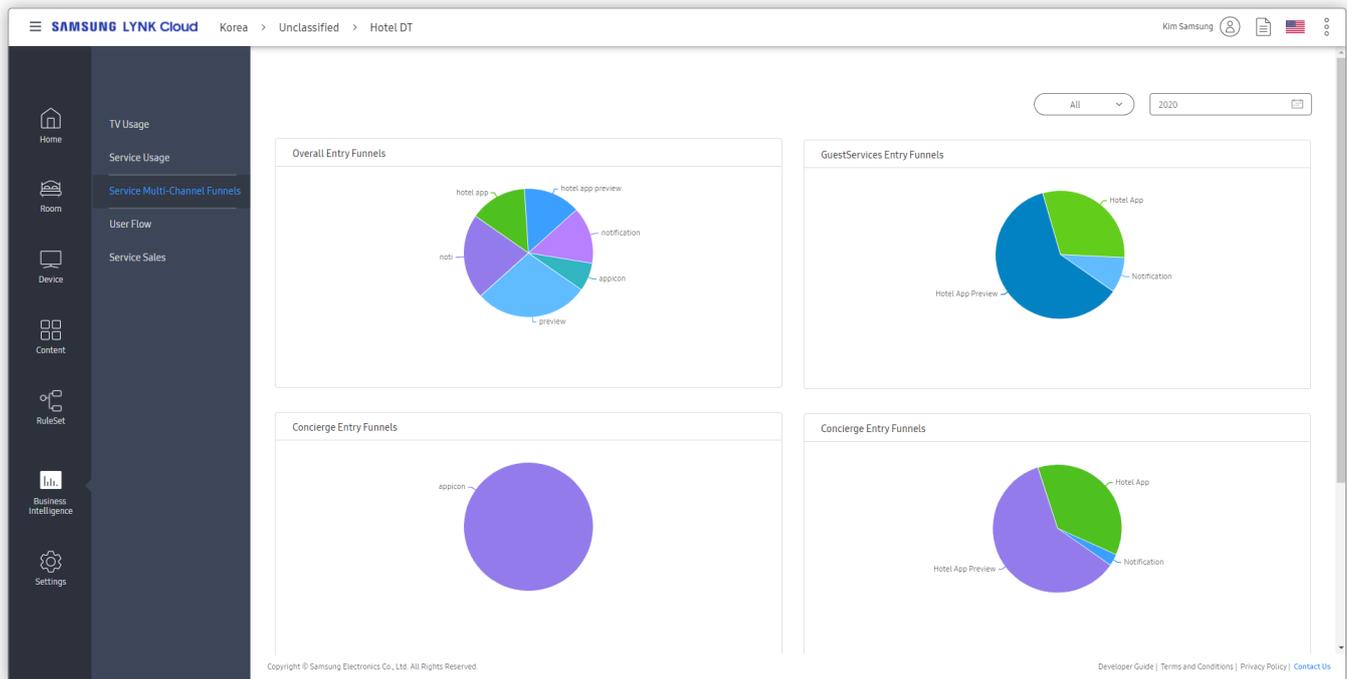
- Items other than **Service Category** may vary depending on the content type that was set when creating the project.
- A graph name is shown with the content type name.
- For details on content types, refer to the separately provided user guide.

Viewing weight of service entry route

- 1 Click **Service Multi-Channel Funnels** on the left menu.
- 2 Check which methods are used more frequently by room guests when they access content or services.

Reference

- Main access methods include apps, notifications and previews.
- By viewing statistics, you can configure notifications and previews more optimally.



- **Overall Entry Funnels:** Statistics on channels used to access the LYNK Cloud app content
- **Other services:** Statistics on methods used to access services not available under the **Content Type** item that were created with individual pages

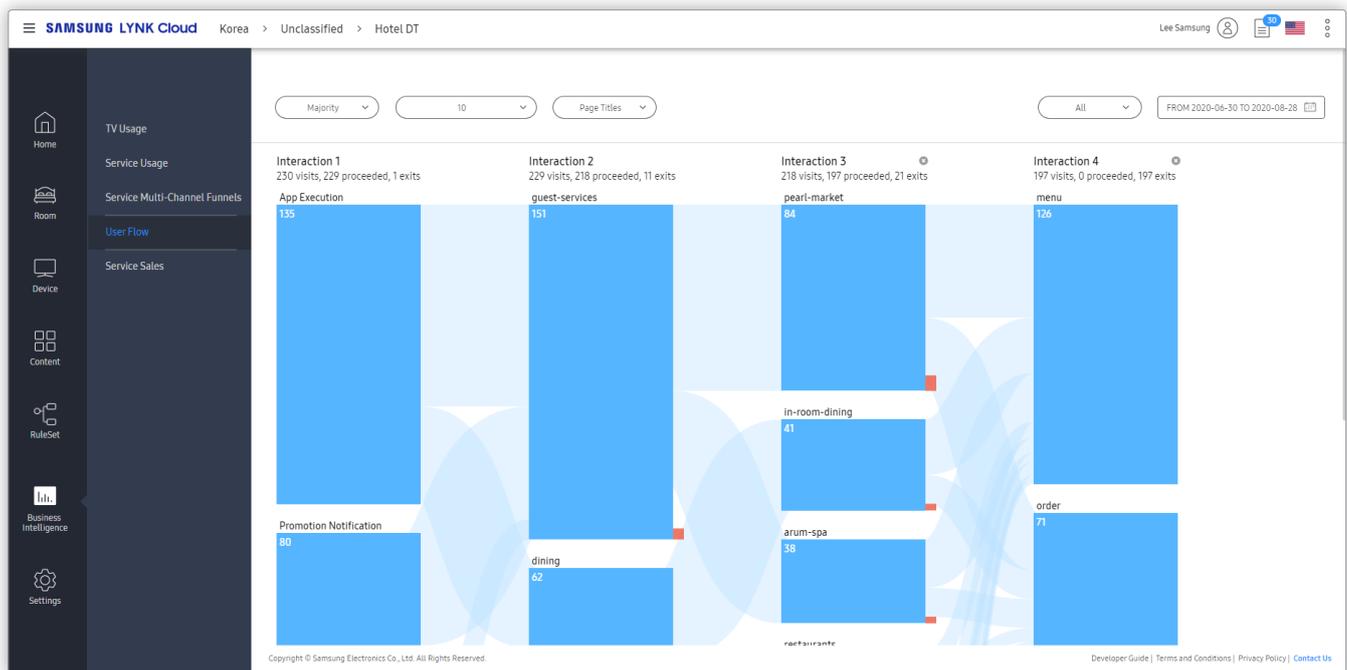
Reference

- Lists other than **Overall Entry Funnels** are created in various ways, depending on the content created from the project.
- For details on content types, refer to the separately provided user guide.

Understanding TV usage flow

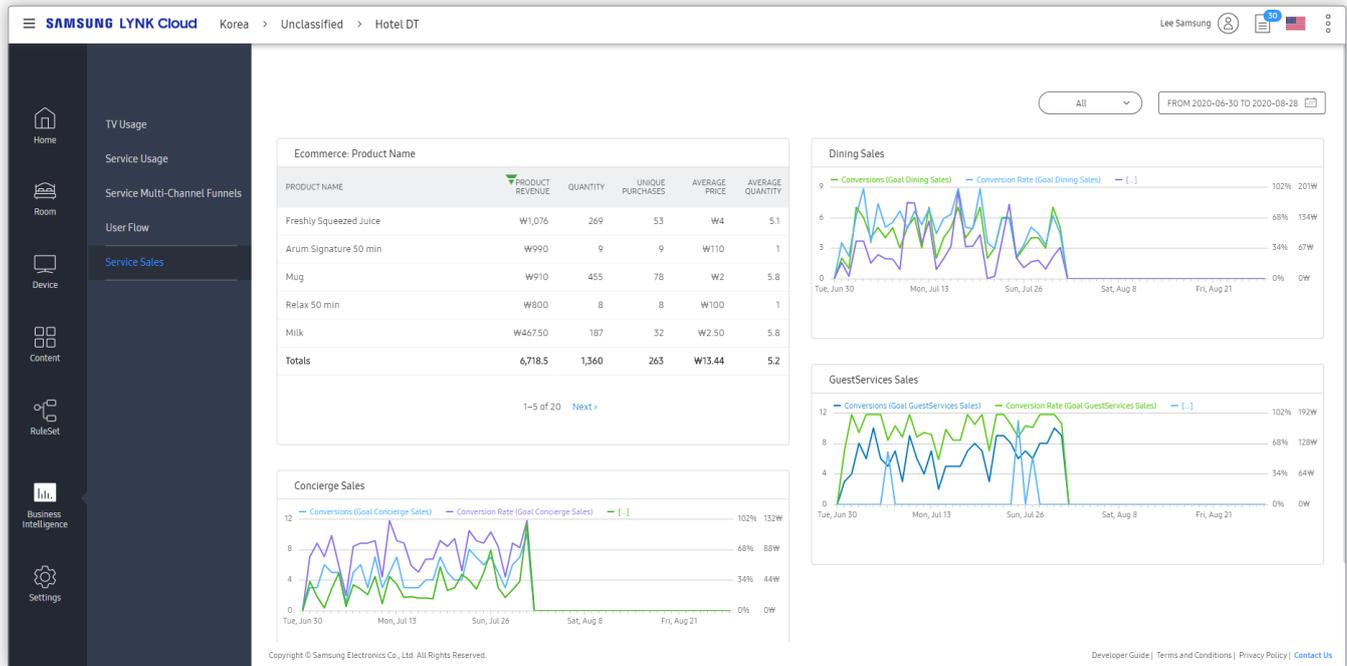
You can analyze and view guests' usage flows on contents and service. You can get help to identify contents what guests prefer and what needs improvement.

- 1 Click **User Flow** on the left menu.
- 2 View the flow of room guests' usage of hotel content and services, from accessing content for the first time to the end of using services.



Viewing the status of service sales

- 1 Click **Service Sales** on the left menu.
- 2 View information about sold products and the status of services.



- **Ecommerce: Product Name**
 - **Ecommerce Orders:** List of products purchased through LYNK Cloud
 - **Abandoned Carts:** List of products in carts that have not been purchased

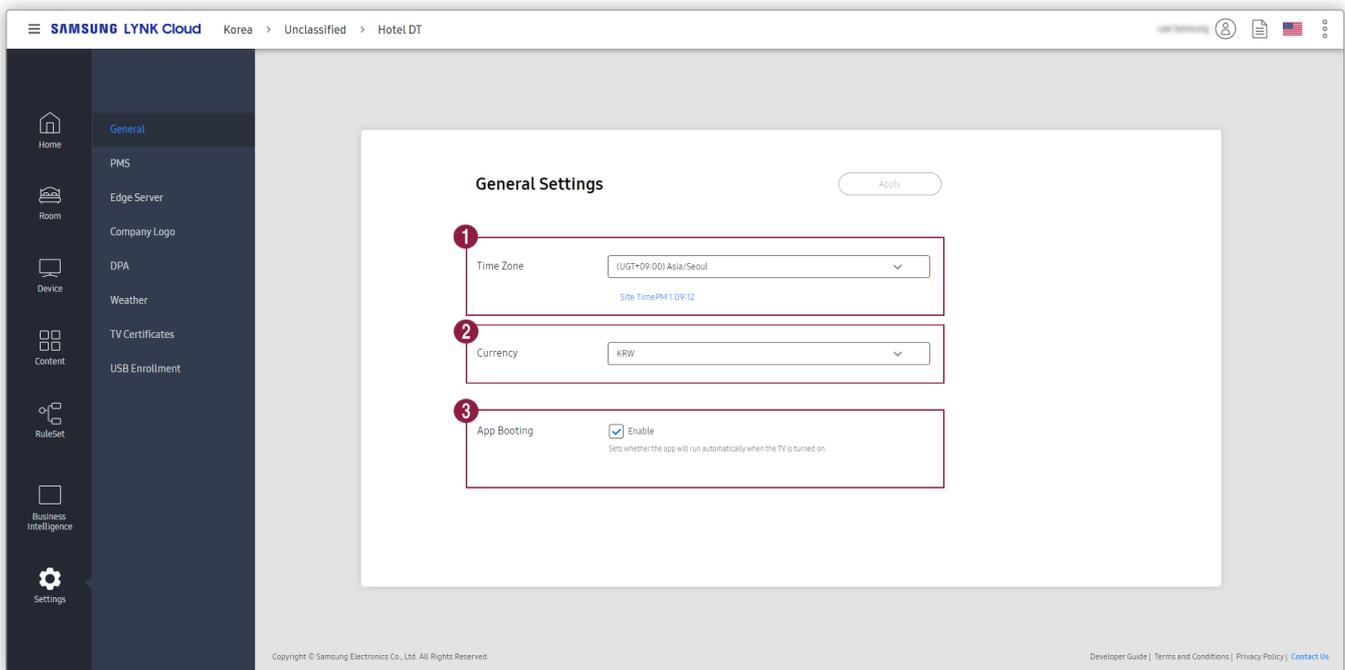
Reference

Items other than **Ecommerce: Product Name** may vary depending on the product category that was set when creating the product.

Preferences

General

Configure basic site settings.



1 Set the Time Zone.

Set the currency unit used at the hotel. You can also change the currency unit that was set when creating the site.

2 Reference

Make sure the currency unit you selected matches the currency unit that is set in **Room Request > Store**. For details on how to configure **Store** settings, refer to the separately provided user guide.

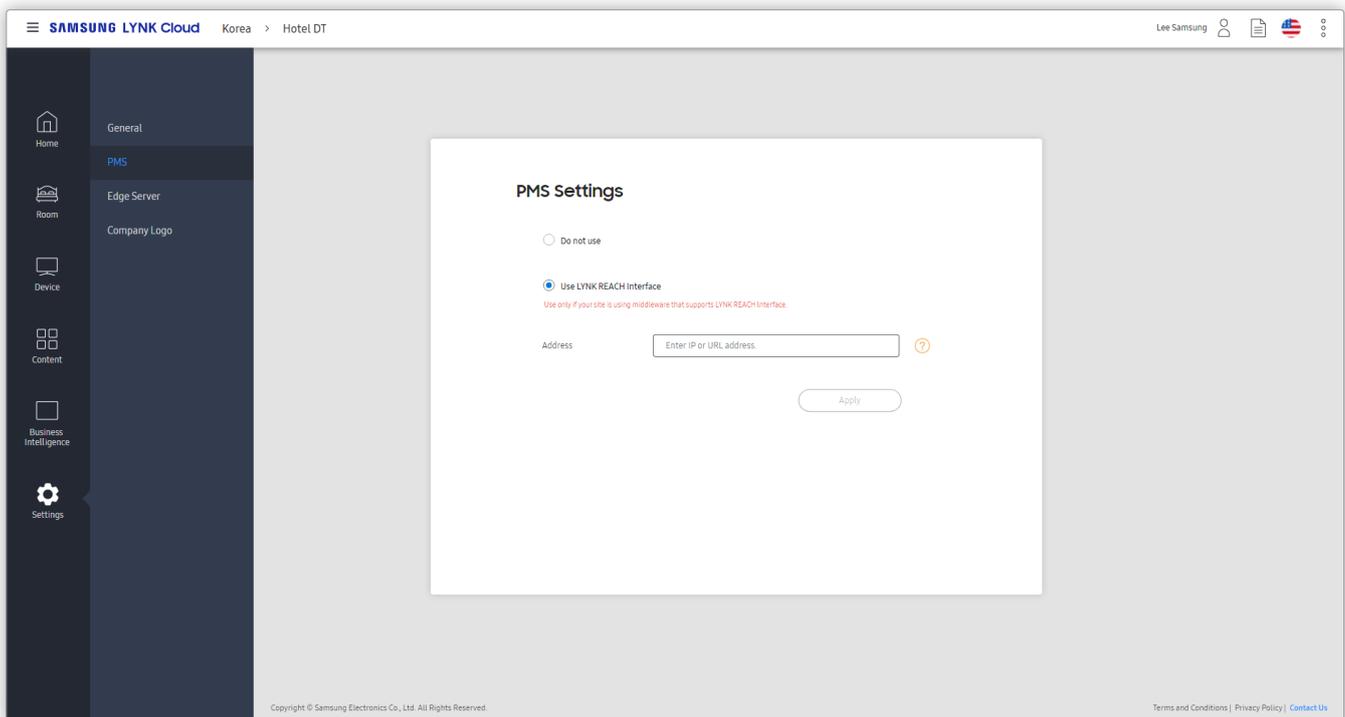
3 Set whether to run LYNK Cloud automatically when TVs are turned on. If you select the **App Booting** function checkbox, LYNK Cloud automatically runs on the screens of TVs. If you do not want the app to run automatically, deselect the checkbox.

PMS

- 1 Select the **PMS** that you use.
- 2 Enter information required to connect to the **PMS**.

Reference

- The **PMS** connection status can be checked in **PMS Status** on the LYNK Cloud home screen.
- When connecting **PMS**, the function that the administrator **Check In** and **Check Out** in the room management disappears.



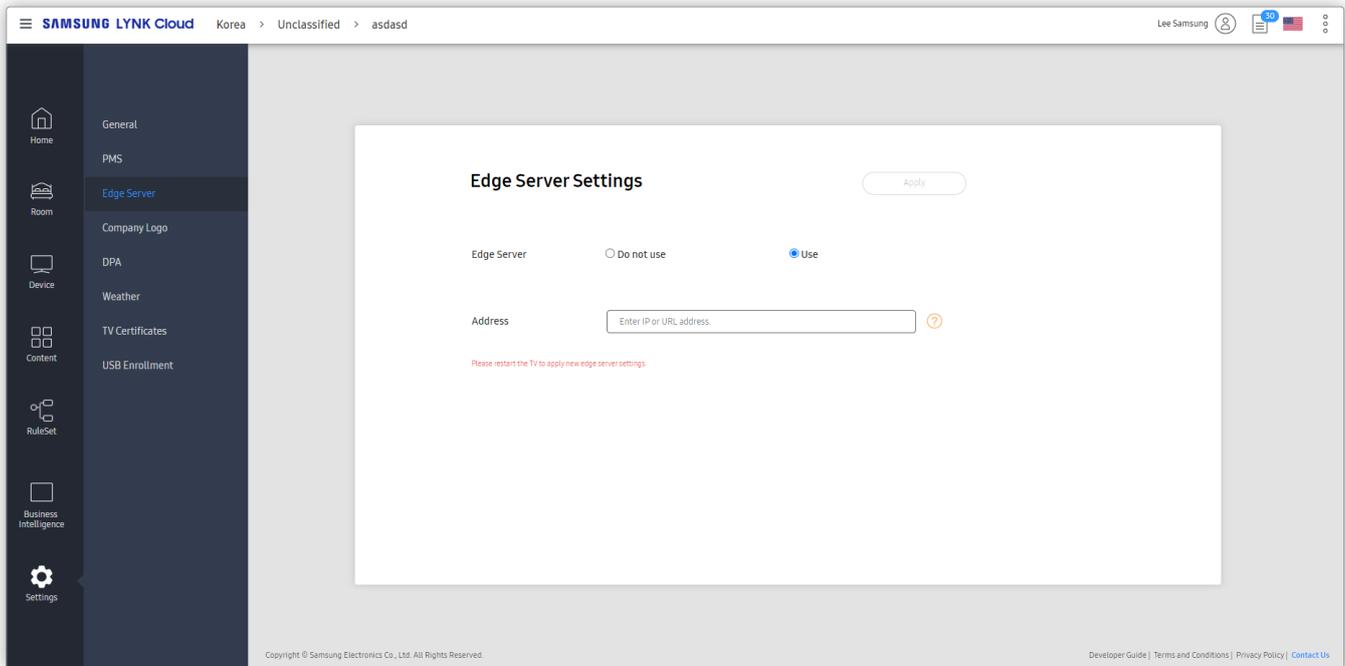
Edge Server Settings

You can operate a web cache server within customer site through setting **Edge Server**. A web cache server is dedicated hardware or service software that temporarily stores static content (mostly images, video and audio) in frequently accessed websites to a local network.

By storing hotel content deployed through projects to a local web cache server, you can minimize the requests of downloads to external content servers from TVs. You may consider using a web cache server when downloading contents from the Internet is slow.

You can use LYNK Cloud after connecting it to a commercial or open source web cache server.

- 1 Select **Use** to use a web cache server.
- 2 Enter the IP address or URL of the web cache server.
- 3 Click the **Apply**.



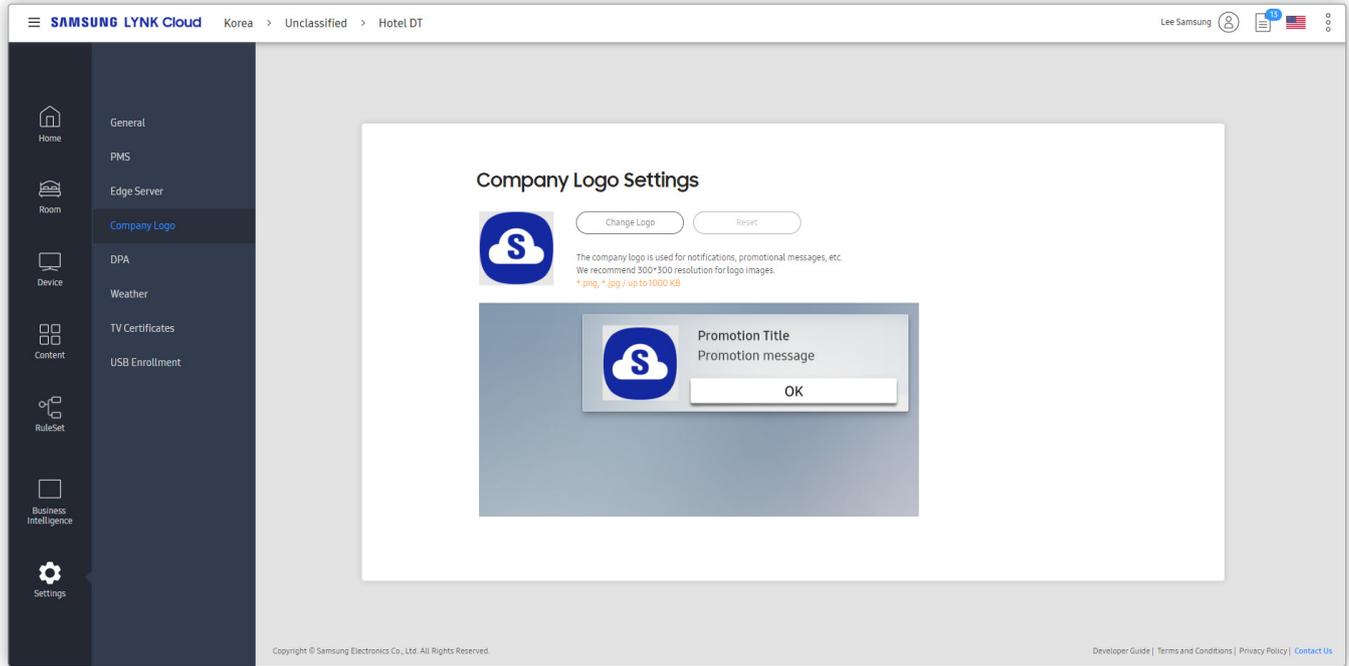
The TV automatically requests the Static Contents from the web cache server.

Reference

Set up the method to install and use the Web Cache Server according to the contents and network environment by referring to each product's guide.

Company Logo

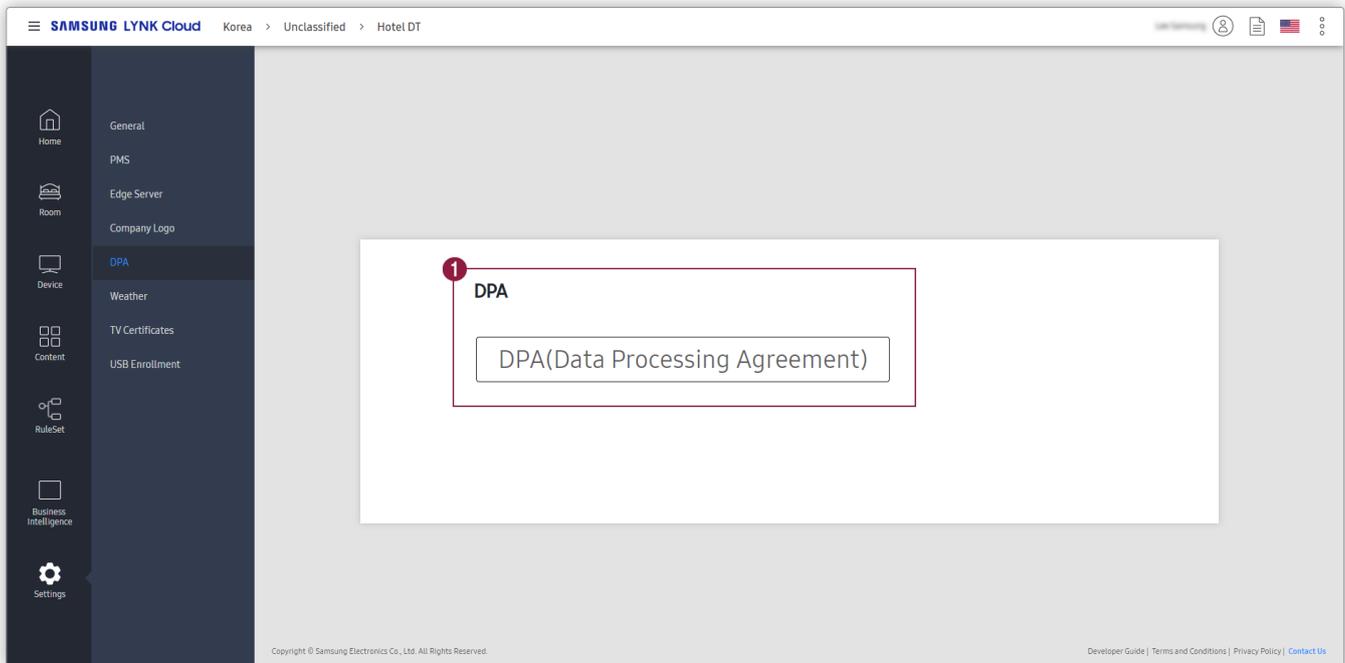
Change the company logo that appears along with messages displayed on TVs.



DPA

View the Data Processing Agreement (DPA) that was agreed upon when creating the site. To view details of the agreement, click

1.



Reference

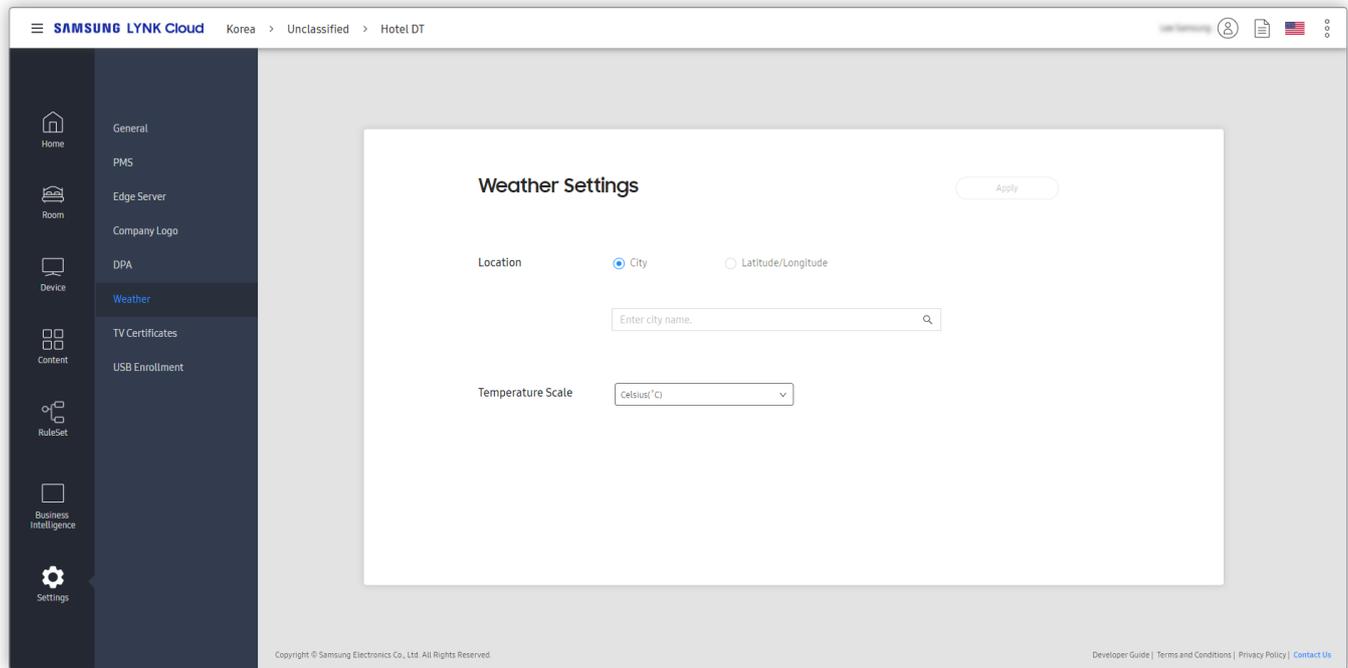
- DPA is displayed when the logged in account has relevant privileges.
- DPA: Refers to the agreement that is signed when a *personal data controller wants to entrust a **personal data processor to process personal data.

*Personal data controller: An entity that manages the purposes and means of processing personal data, solely or jointly with a third party

**Personal data processor: An entity that processes personal data on behalf of a data controller

Weather

Configure weather settings to use related services. You can use weather-related services after setting the **Location** and **Temperature Scale**.



Reference

If you set **Location** in **Weather Settings**, the current location information is imported from the content.

TV Certificates

Install or manage private HTTPS certificates.

If HTTPS-based PMS middleware or Edge server has no official domain name and connecting to the server is attempted from a TV, a certification warning appears.

A certificate warning on a TV can be removed by installing a private certificate created by the server administrator to the server and then installing the root CA certificate of the private certificate to the TV.

- 1 Click **1 Add** to upload the root CA certificate files from the local computer.

 **Reference**

You can install a maximum of five root CA certificate files.

- 2 Confirm that the imported certificate is found in the list.

 **Reference**

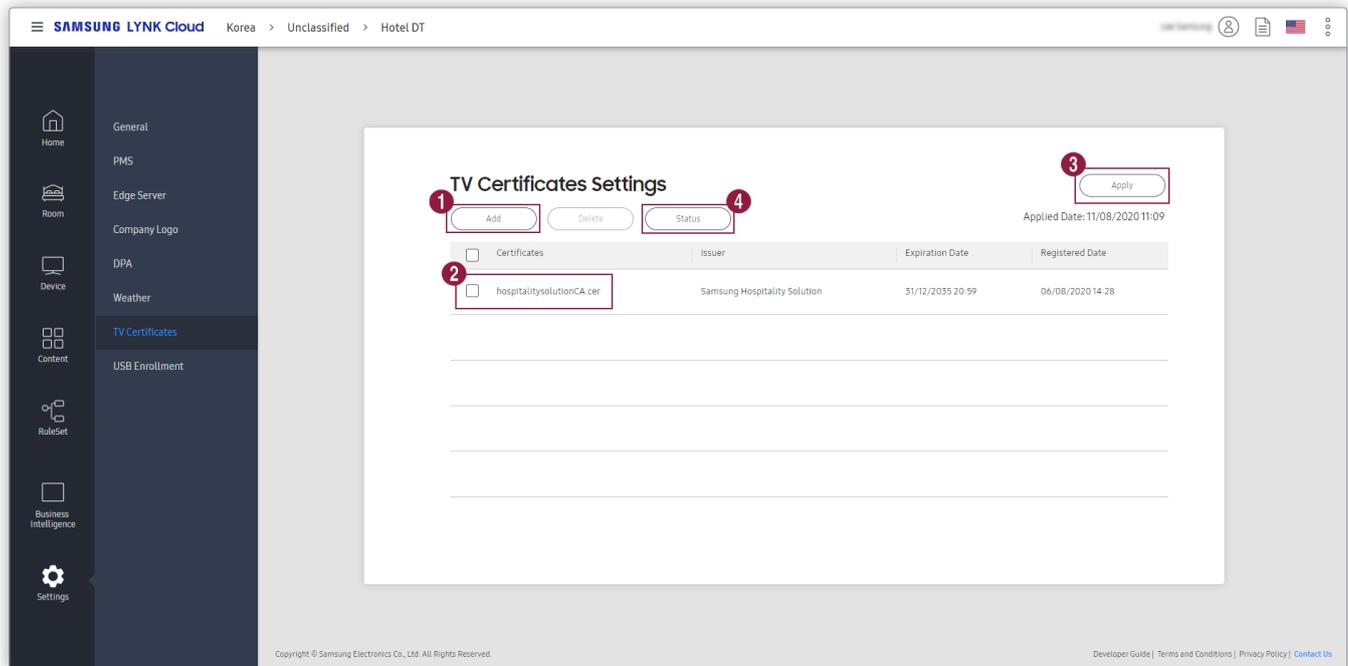
To view details, click **2**.

- 3 Click **3 Apply**. The root CA certificate files in the list are installed on the TV.

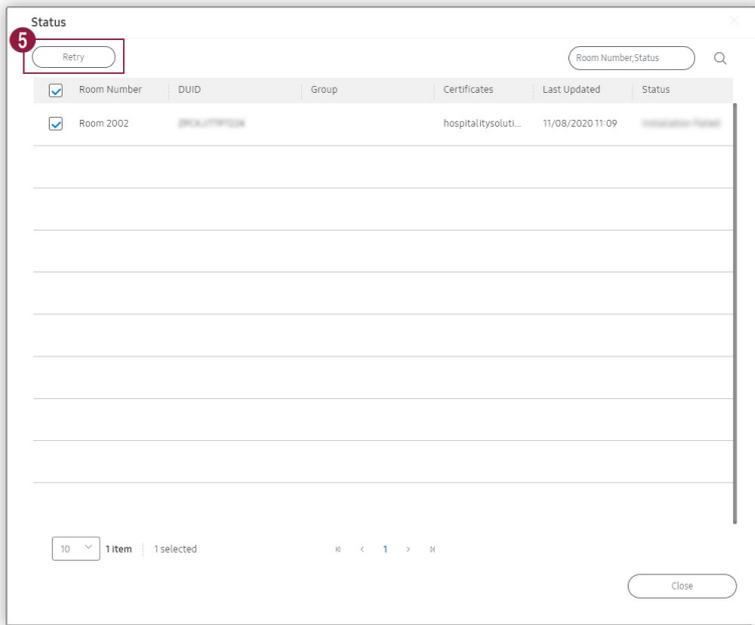
 **Reference**

If a new TV is registered to the site, the files are installed automatically on the TV.

- 4 Click **4 Status**. You can view the status of installed private certificates.



5 Search for a specific room number to view the installation status. If installation failed, use the **5 Retry** option to try again.

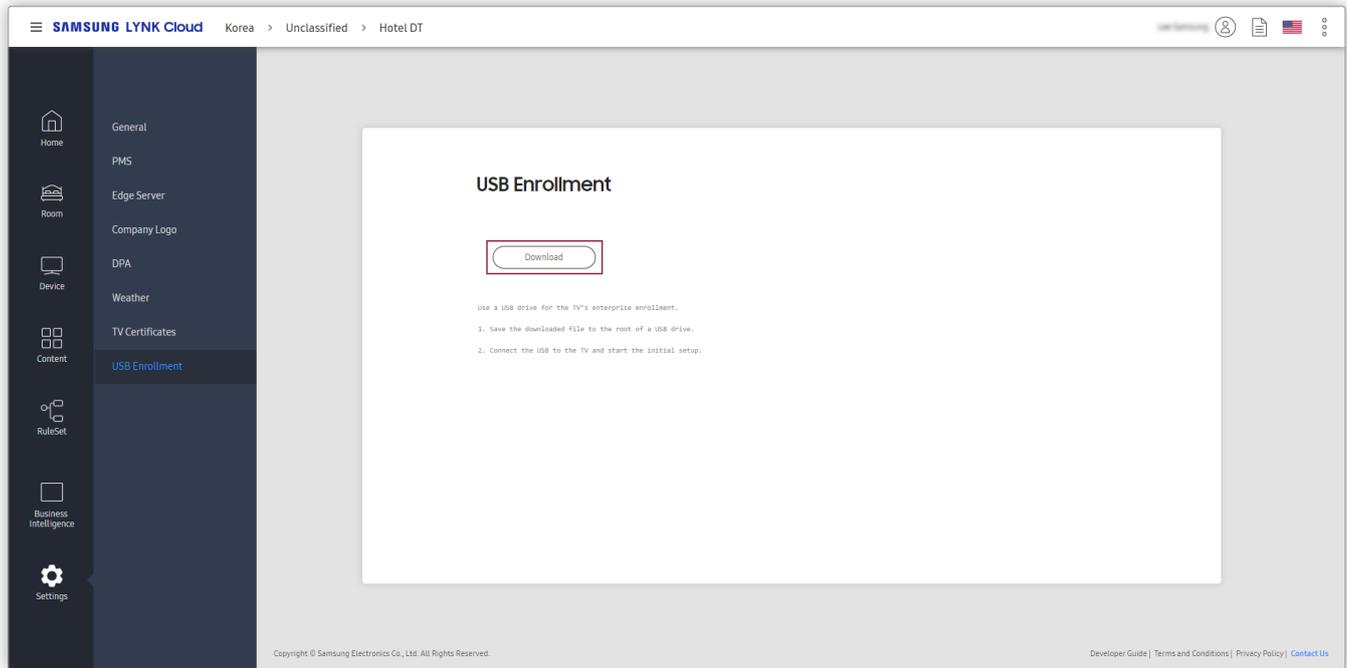


 Reference

Only the checkboxes of items that failed installation are enabled.

USB Enrollment

By saving site information to a USB drive, you can register a TV to LYNK Cloud more easily.



- 1 Click **Download** to download and copy the enrollment.json file to the root folder on the USB drive.
- 2 Connect the USB drive to the USB port on the TV.
- 3 Perform the steps in [Registering a TV to LYNK Cloud](#). Registration takes place automatically on the enterprise registration screen.
- 4 To register multiple TVs to the same site, copy the enrollment.json file mentioned above to a different USB drive.

TV registration error codes

LC-API

LC-API-001: License Expired

LC-API-002: License Deactivated

LC-API-003: Maximum TV count exceed

LC-API-004: No permission for the account

LC-API-005: No site assigned to the account

LC-API-006: Multiple sites assigned to the account

Reference

Use the Account menu to assign a single site to the account.

LC-API-007: Multiple sites assigned to TV

LC-API-008: Server internal error

LC-API-009: Not registered account

LC-API-010: Network connection error

LC-API-011: This version does not supported

SA-SSO

SA-SSO-100: Invalid Parameter

SA-SSO-104: Invalid User ID

SA-SSO-105: Invalid User Password

SA-SSO-112: Internal Server Error

SA-SSO-116: Invalid Service Request

SA-SSO-119: Invalid Stoken

SA-SSO-120: Stoken Expired

SA-SSO-148: Samsung Account Server Error

SA-SSO-186: Invalid Stoken or AToken

SA-SSO-189: Invalid userauth_token

SA-SSO-202: Not agree to the Terms and Conditions



Reference

- Agree to the updated terms and conditions at the following website: <https://account.samsung.com>.
- Match the region/language of the Samsung Account website to the region where the TV is installed.

SA-SSO-910: Network error - General OOB step timeout

SA-SSO-950: Network error - Failed to get access token

SA-SSO-960: Network error - Server returns an enrollment failure

SA-SSO-999: Network error

LC-IOT

LC-IOT-4xx: Network SSL Error

LC-IOT-5xx: Network Generic Error

Recommended network specifications

Classification	Type	Internet download bandwidth
CMS	Text, images, background videos	Video encoding bitrate (bps) x number of TVs that can play simultaneously
Netflix, VOD	Recommended SD quality	3Mbps x number of TVs that can play simultaneously
	Recommended HD quality	5Mbps x number of TVs that can play simultaneously
	Recommended UHD quality	25Mbps x number of TVs that can play simultaneously
TVPlus	Recommended HD quality	5Mbps x number of TVs that can play simultaneously
	Recommended UHD quality	25Mbps x number of TVs that can play simultaneously

Firewall settings

Service type	In-bound port	Out-bound port
AWS IoT	-	443, 8883, 8443
LYNK Cloud Web Service	-	443, 80
DNS	-	53
PMS Middleware Edge Server	Settings differ depending on the server installation location (same network or external network). The settings need to be checked by the person in charge of server installation and the network administrator.	

TV Factory Settings

Channel

- **Mixed Channel Map:** To enable IPTV channels, select **TV Factory Menu > Channel** and set **Mixed Channel Map** to **On**.
- **Dynamic SI:** New channels may be added automatically during changing of channels, depending on the **Dynamic SI** setting in **TV Factory Menu > Channel**.
If you do not want channels to be added automatically, change the **Dynamic SI** setting to **Off**.

Smart Service

- **Apps Editable:** Set whether to allow the Smart Hub app to be relocated or deleted. If you do not want the Smart Hub app to be relocated or deleted, change the **Apps Editable** setting to **Off**.
- **Smart Features > Autorun Smart Hub:** Set whether to display **Smart Hub** automatically when TVs are turned on. If you do not want to display it automatically, set **Autorun Smart Hub** to **Off**.

LYNK Cloud

- **Enrollment Status:** When a TV is registered properly to LYNK Cloud, **Enrollment Status** is set to **Yes**. If it is set to **No**, perform the enrollment process again.