

SOFTWARE MANUAL

# LG Windows 10 IoT Enterprise - Administrator's Guide

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# Safety Precaution Notations

The below symbols are to inform you of dangers and safety concerns that you must be aware of. Read the symbol-indicated instructions with caution to avoid any possible mishap.



## **WARNING:**

Appears in the case of noncompliance with the instruction that may cause serious physical damage or fatal injuries.



## **CAUTION:**

Appears in the case of noncompliance with the instruction that may cause minor damage to the body or the machine.

## Text Notations

The symbols below are used to display information required to use the product. Familiarize yourself with the instructions marked by the symbols to ensure proper operation of the product.



## **TIP:**

Indicates that the following information is added to help the user utilize the machine more conveniently.



## **OPTION:**




The Option symbol indicates that the concerned device is not included in the product package and thus has to be purchased separately, or the device may not be applied to the user's machine depending on model type.

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# USING WINDOWS 10

## Logging On

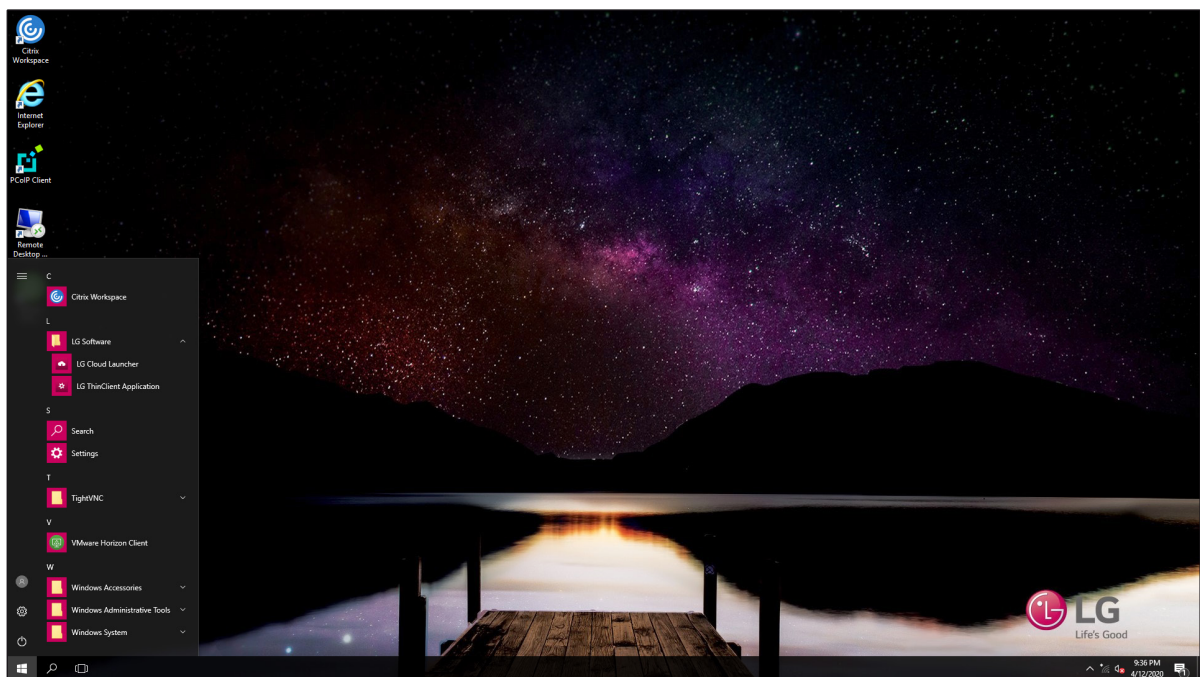
There are two user accounts by default.


- Admin : Allows you to make permanent system configurations, such as user account management or app installations. Default case-sensitive Password is Admin.
- User : Cannot make permanent changes to the system and is for end-user operation. Default case-sensitive Password is User

The User account logs on automatically when Windows starts, so you must switch to the Admin account manually using the default password Admin respectively.


## Start Menu

### A New Start Menu



Press the  in the lower-left corner of the screen to display the Start menu.



#### TIP

- Press the  key or [Ctrl] + [Esc] to display the Start menu.



- **Expand:** Displays the names of all menu items.
- **User Account:** Displays the current user's information. You can use functions such as Change Account Settings, Lock or Logout.
- **Settings:** You can set up the system including the network settings.
- **Power:** Sleep, System Shutdown, and Restart menus are available.
- **App List:** Displays the app list.
- **Start Button:** Opens or closes the Start menu.
- **Windows Search:** Searches for the text entered by the user in My Items (system) or the Internet.
- **Add/Toggle Desktops:** You can add and use multiple desktops.
- **Action Center:** You can view the system-related notification messages and change PC settings.

**TIP**

- Press the  + [X], and then the  button pop-up menu appears. You can use the pop-up menu to easily access the shortcuts for Control Panel, Explorer, Search, System Shutdown, and the Desktop.

## Desktop Apps and Windows Apps


The Desktop apps remain unchanged from the previous Windows apps, but Windows apps have been changed to include various functions.

The Windows apps provide easy-to-use menus according to the window size and a variety of convenient functions such as Update and Alarm.



# Using Apps

## Running and Exiting Apps

Run apps that are installed on the system using the following method:

- 1 Press the  button and select and run the app you want from the app list.


### Tip TIP

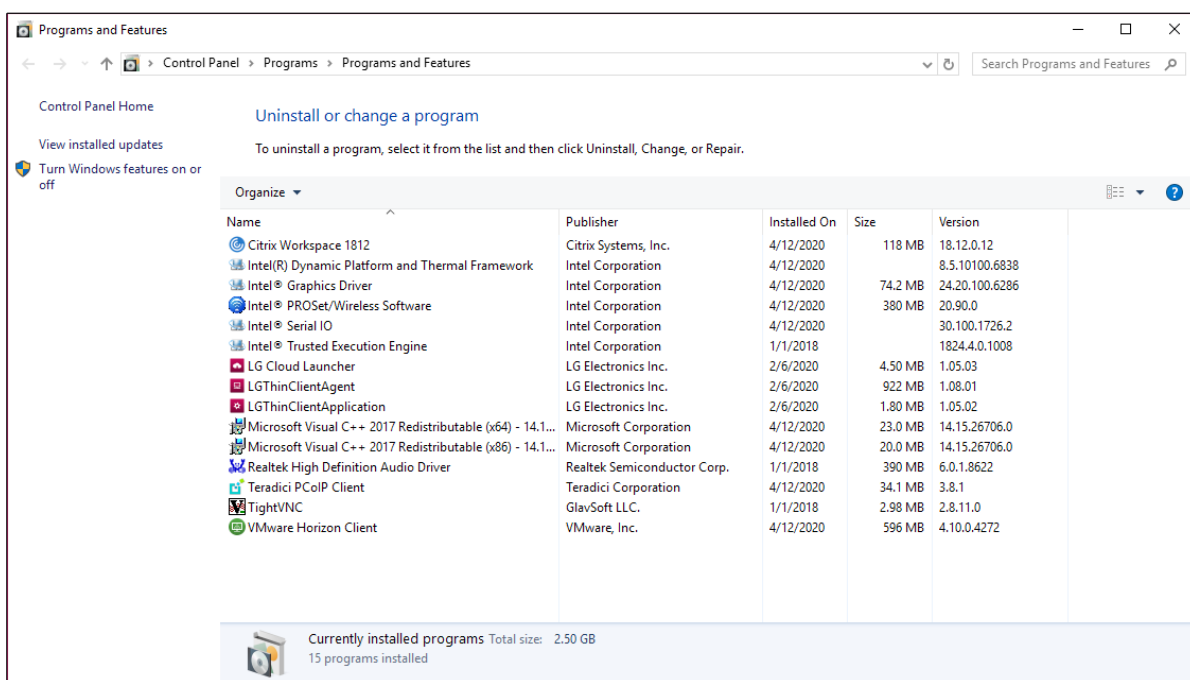
- Press the  key or [Ctrl] + [Esc] to display the Start menu.
- 2 To exit an app, press the  button on the top of the app screen.

## Deleting Apps (Admin only)

You can delete an app from the app list on the Start menu.


### Tip TIP

- The basic Windows apps that are required may not be deleted.
  - Press the key or [Ctrl] + [Esc] to display the Start menu.
- 1 Click the  button to display the Start menu.
  - 2 Go to the app list in the Start menu and right-click the app you wish to delete.
  - 3 When the pop-up menu appears, select [Uninstall].
  - 4 When the [Programs and Features] window appears, right-click the app you wish to delete and press the [Uninstall/Change] button.




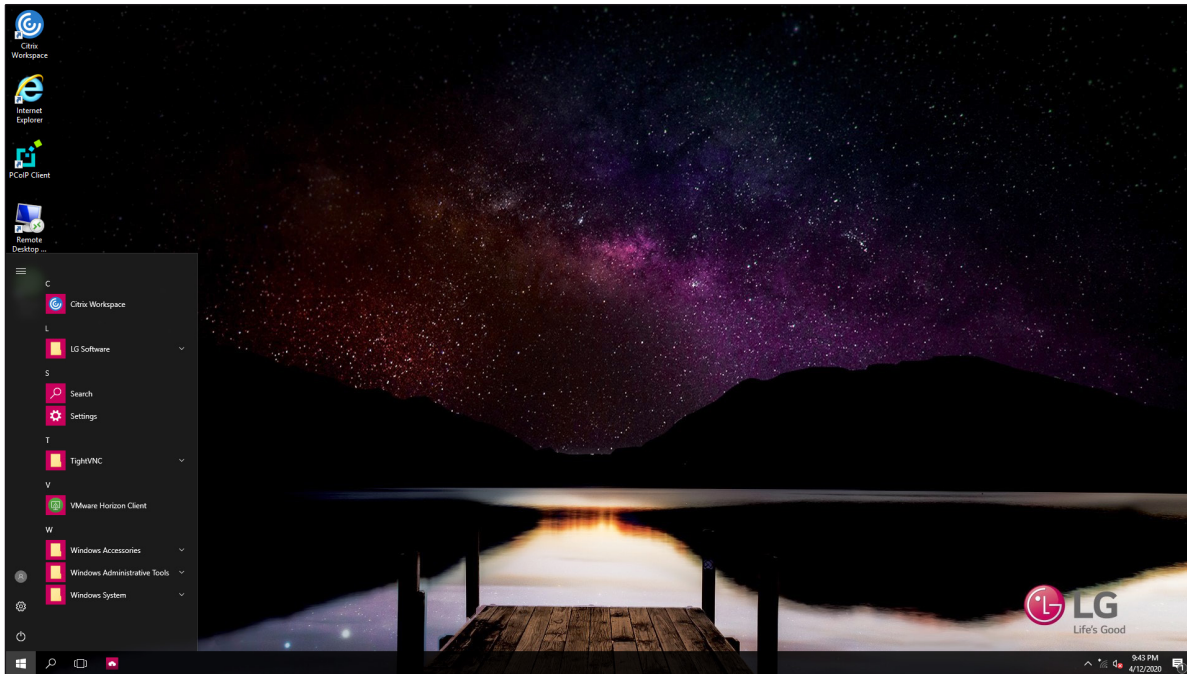
## Adding Apps to Start Menu/Taskbar

You can add frequently used apps on the Start menu and taskbar for easy and quick access.

- 1 Press the  button to display the Start menu.

### TIP

- Press the  key or [Ctrl] + [Esc] to display the Start menu.
- 2 Right-click the app you want from the app list, and then click [Pin to Start] or [More] > [Pin to Taskbar].
  - 3 The selected app is added to the Start menu or taskbar.



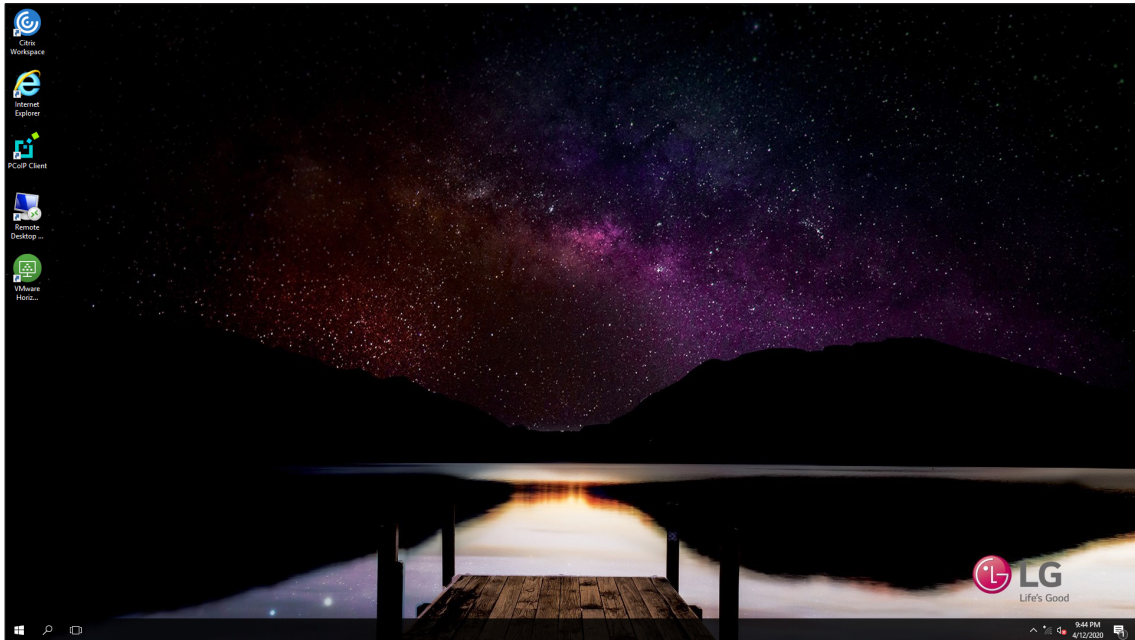
## Toggling and Adding Apps/Desktops

In Windows 10 IoT Enterprise, you can toggle the running apps easily and quickly, and add desktops to use them like multiple PCs.

### Tip TIP

- For an app that does not allow multitasking, you may be switched to the desktop where the app was executed, or you may have an error message.

1 In the taskbar, press .

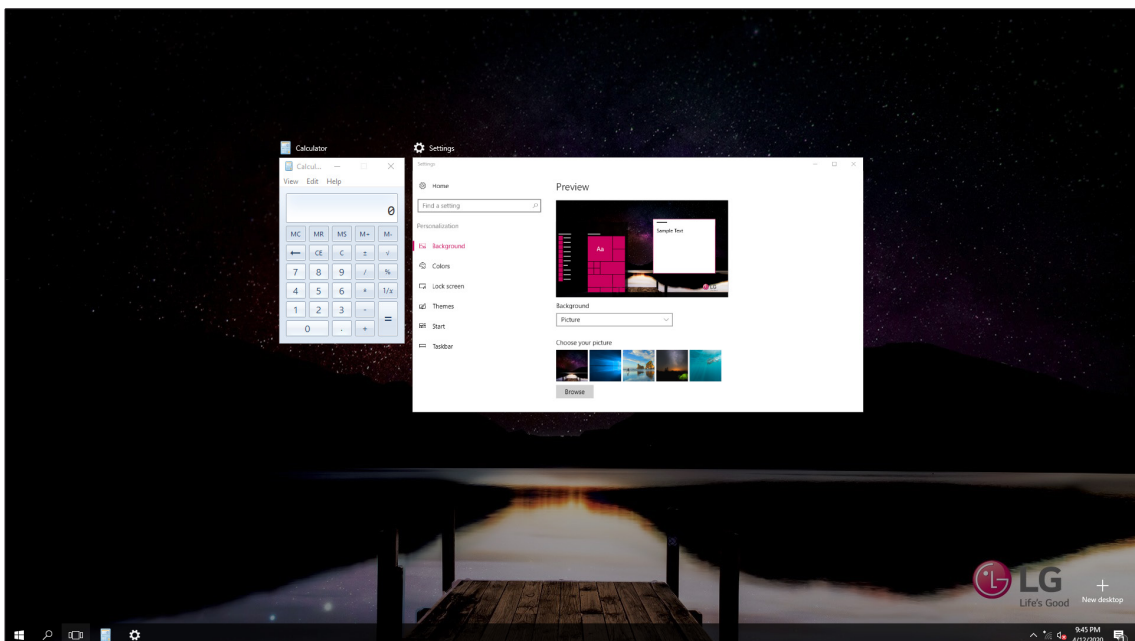


2 The screen to switch between apps and desktops appears and the running apps are displayed in the preview.

### Tip TIP

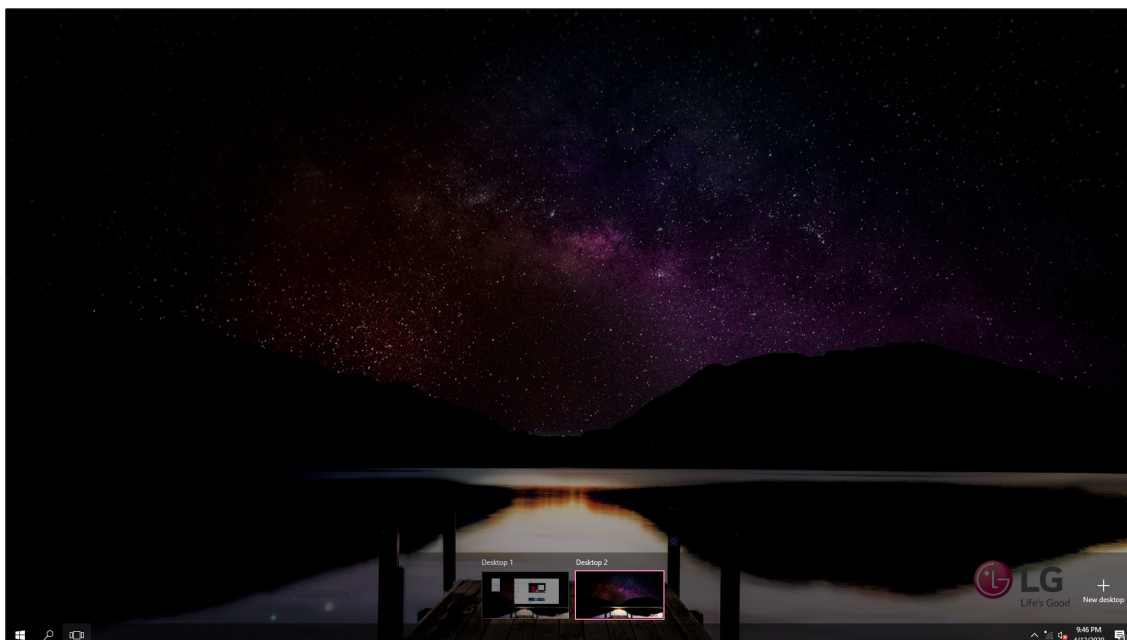
- Press the  button of an app in the preview to exit the app.

3 Click the [New Desktop] tile.




4 [Desktop 1] and [Desktop 2] are created.

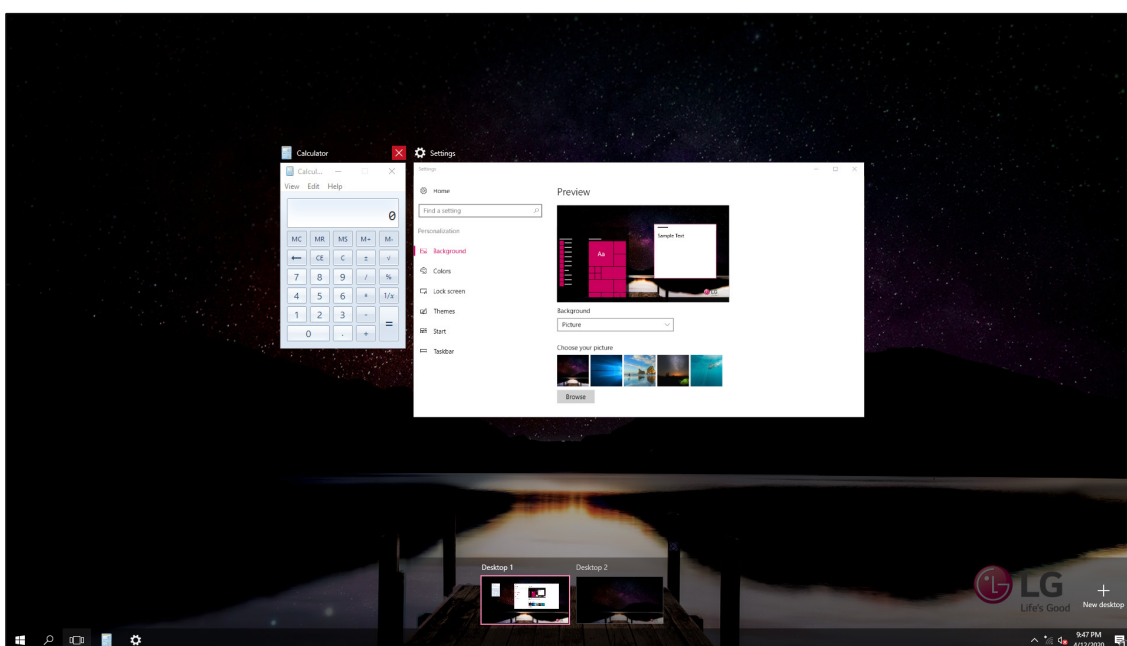
- 5 Select an app in the preview or desktop.




- 6 The screen is toggled to the selected app or desktop.

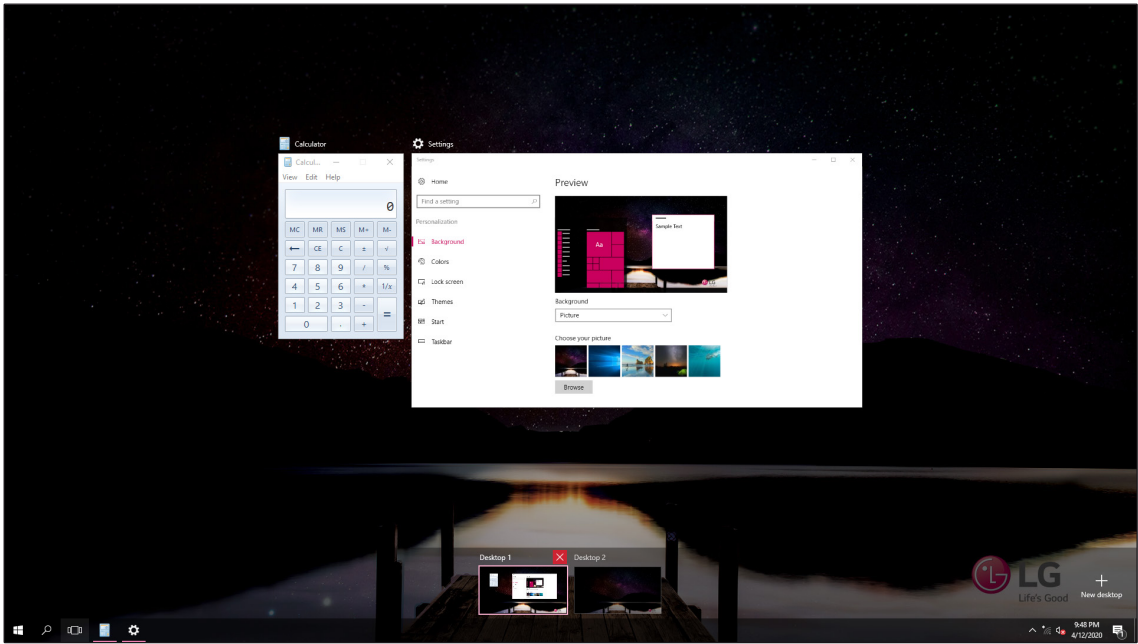
**TIP**

- Press the  button in the app preview to exit the app.






- In the desktop preview, press the  button to delete the desktop and move running apps to another desktop.



### Using Shortcut Keys

Use the shortcut keys to quickly toggle between apps and desktops.

Shortcut Keys	Comments
[Alt] + [Tab]	Hold down the [Alt] key and press the [Tab] key to view the running apps in the preview. Press [Tab] repeatedly to select the app you wish to switch to and then release the [Alt] key.
[Alt] + [Ctrl] + [Tab]	The running apps on the screen are displayed in the preview. Select and switch to an app.
 + [Tab]	If the desktop toggling screen appears, select an app or desktop you wish to switch to.

# Splitting the App Screen

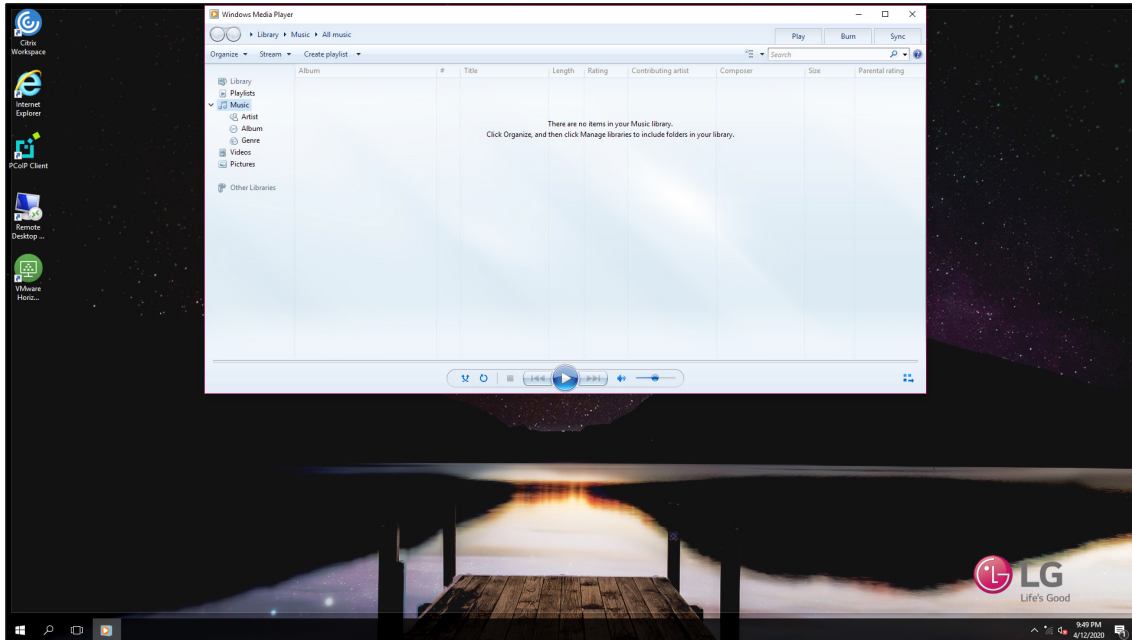
In Windows 10 IoT Enterprise, you can easily adjust window sizes and split windows if necessary.

## Tip TIP

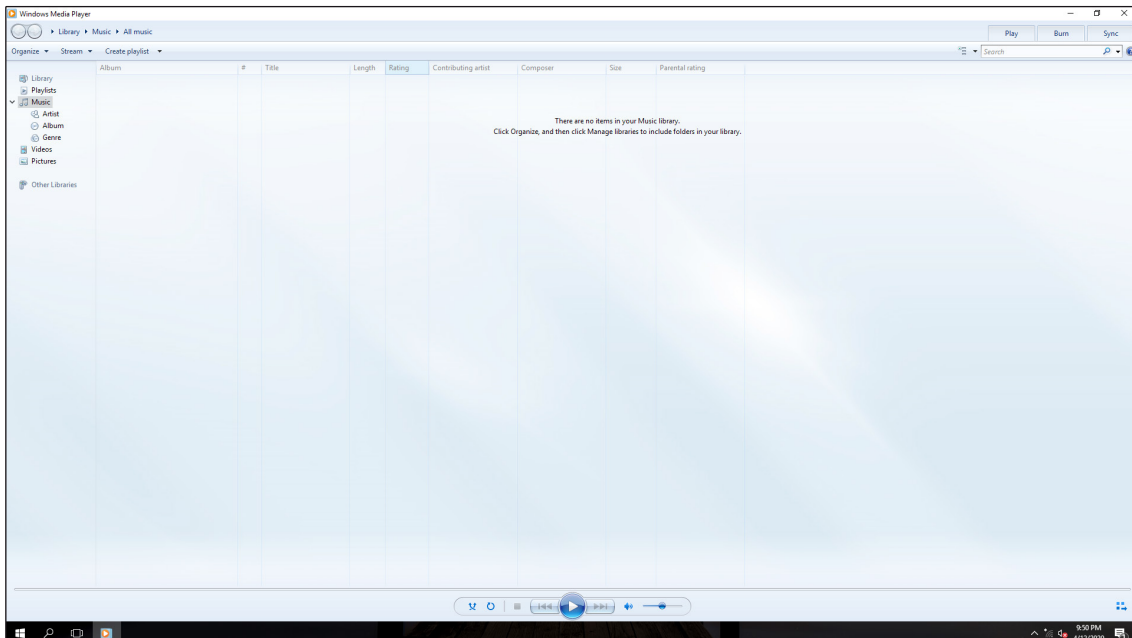
- Some apps that cannot adjust the window size do not support the screen split.

## Full Screen

- 1 Drag and drop an app to the top end of the screen to change the app to the full screen size.



- 2 Drag and drop the app again to a different location to return to its original size.

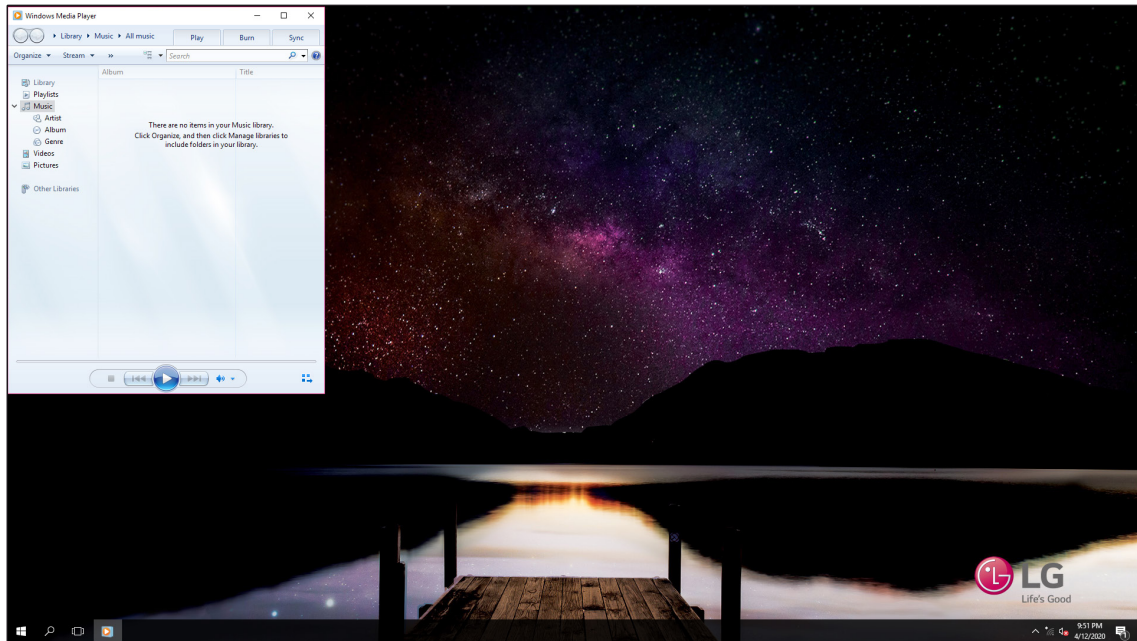


## Screen Split into Four

1 Drag and drop an app to the left corner to reduce the app to 1/4 size of the screen.

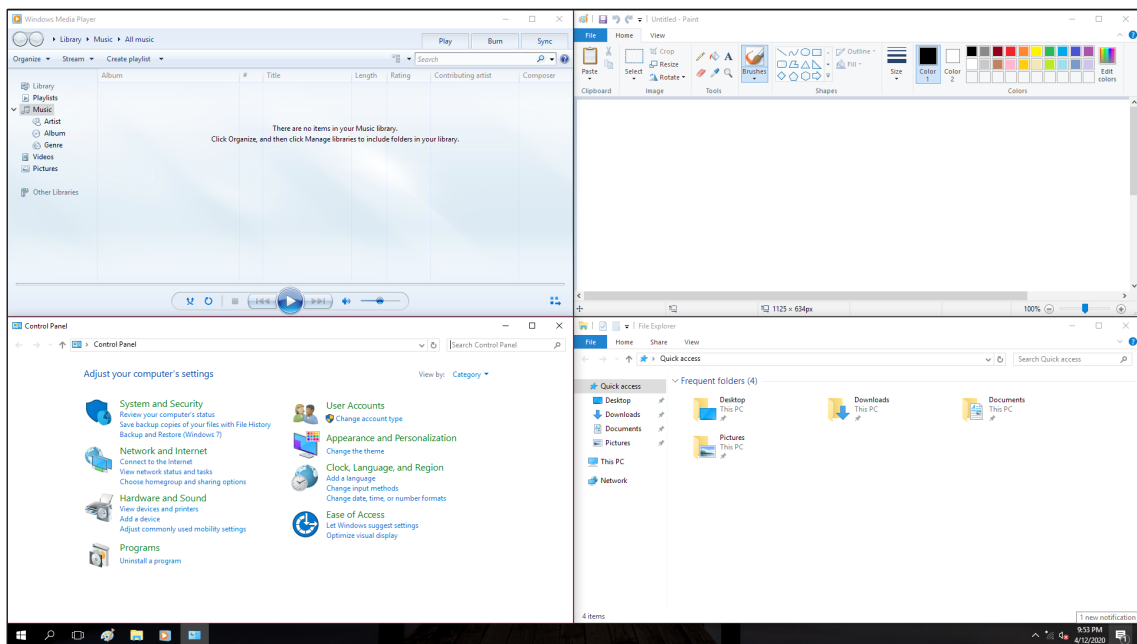
### Tip TIP

- The screen is split according to the guideline.



2 Select a running app displayed in the preview on the split screen.


3 Drag and drop the app again to a different location to return to its original size.

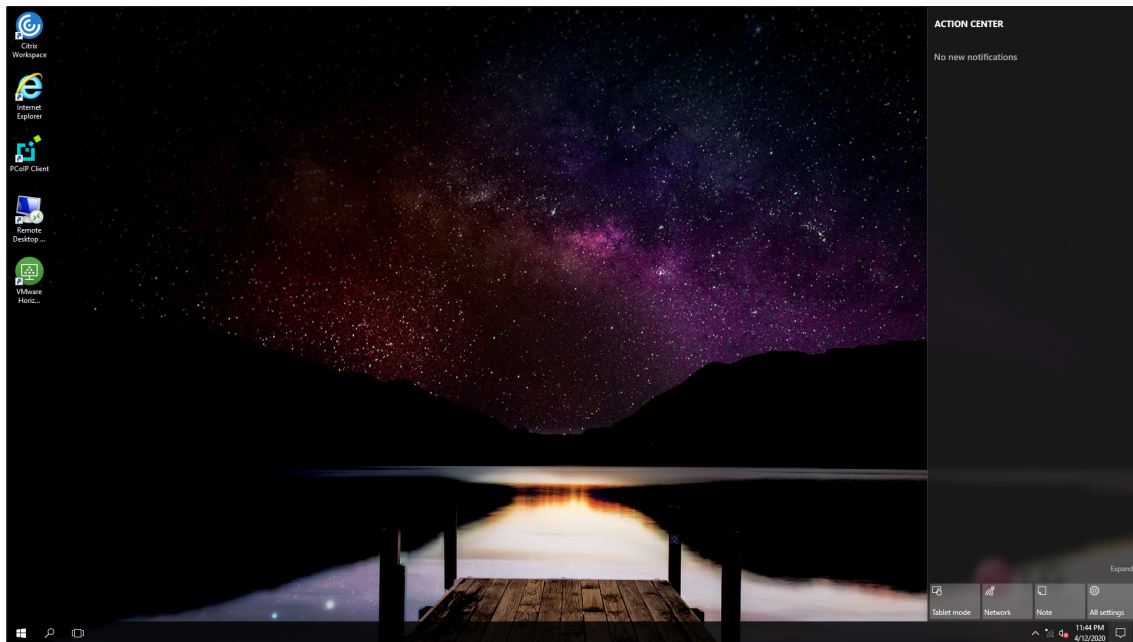




## Switching to Tablet Mode

If you are using Windows on a tablet PC, you can easily switch to the tablet mode.

- 1 Click the Action Center  icon on the right side of the task bar.
- 2 Select [Tablet Mode] to switch Windows to tablet mode.



- 3 Select [Tablet Mode] again to deactivate the mode.

## Unlocking the Screen

If the PC is not used for an extended period, it goes into a locked state.

When the PC is used again, a lock screen appears for security purposes and may be unlocked by using the following method.

- 1 From the lock screen, press any key on the keyboard or drag up while you click and hold the mouse button.



- 2 When the login window appears, enter the password and click [Enter]. (If no password is set, press the login button to immediately unlock the screen.)


## Setting the PC

Windows 10 IoT Enterprise supports various functions so that the user can change the PC setting easily and quickly.

### Using Action Center

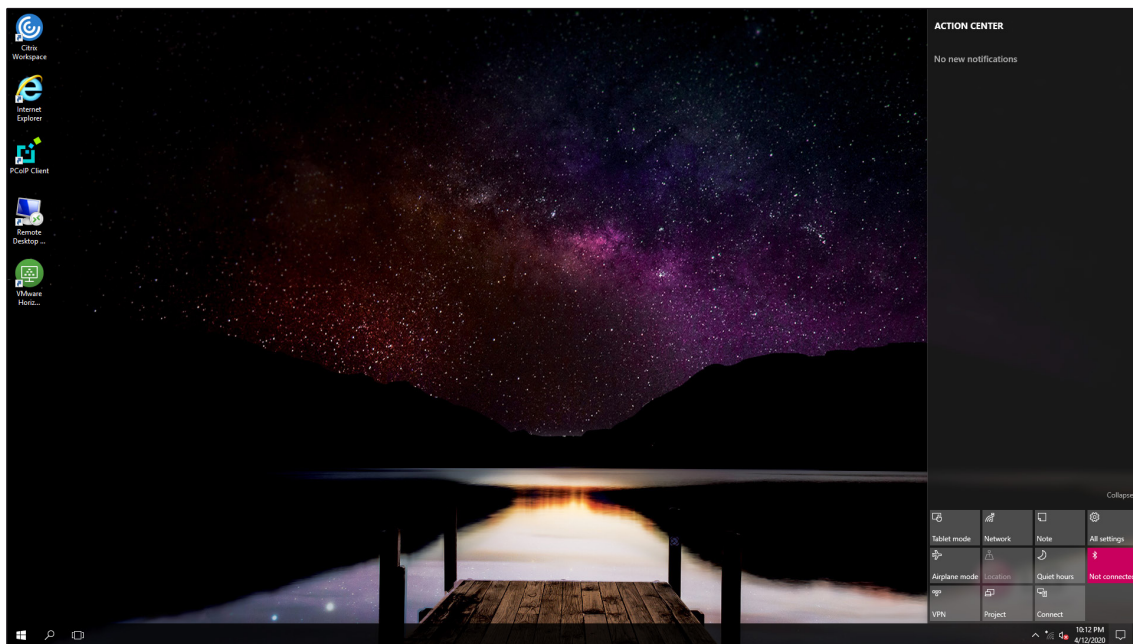
You can use the Action Center to easily change the settings for tablet mode, display, media connection and network settings.

**The functions supported by the Action Center may differ depending on the model.**


- 1 Click the Action Center  icon on the right side of the task bar.
- 2 Change the PC settings as needed.

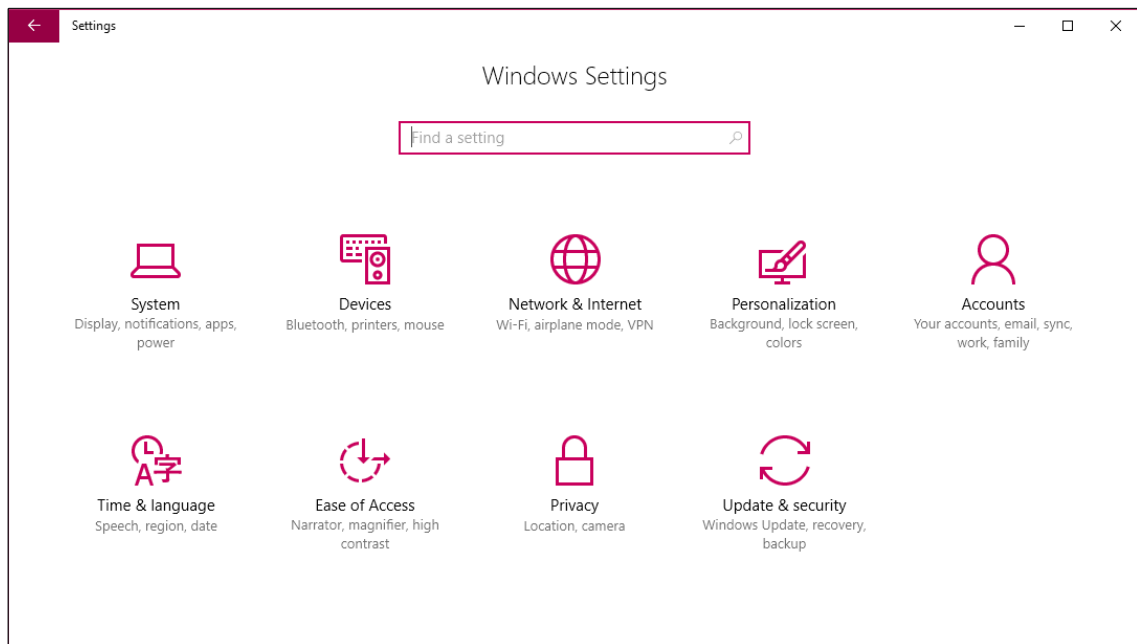
#### TIP

- If the tile does not appear, press the [Expand] menu.
- 3 To change the detailed settings of the PC, press the [All Settings] tile.




## Using the Start Menu

- 1 Press the  button and select the [Settings] menu.
- 2 When the screen for PC's detailed settings appears, select and change the settings as needed.




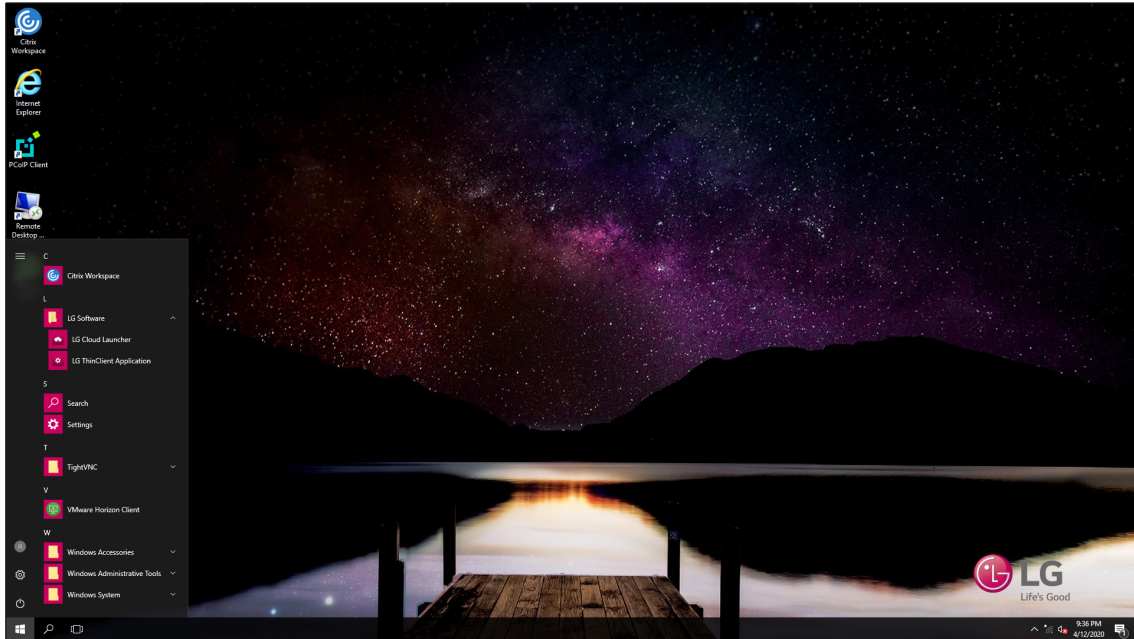
# Windows Shutdown Option

In Windows 10 IoT Enterprise, perform the following steps to use the Windows shutdown option.

- 1 Press the  button and select the [Power] menu.

## Tip TIP

- Press the  key or [Ctrl] + [Esc] to display the Start menu.



- 2 Select a Windows shutdown option.

## Tip TIP

- On the Desktop screen, press [Alt] + [F4] to use the Windows shutdown option. (Pressing [Alt] + [F4] on a running app may end the app.)




## Connecting to Wireless Display

The wireless display feature connects the PC screen and sound to a display (TV, projector, etc.).

### OPTION

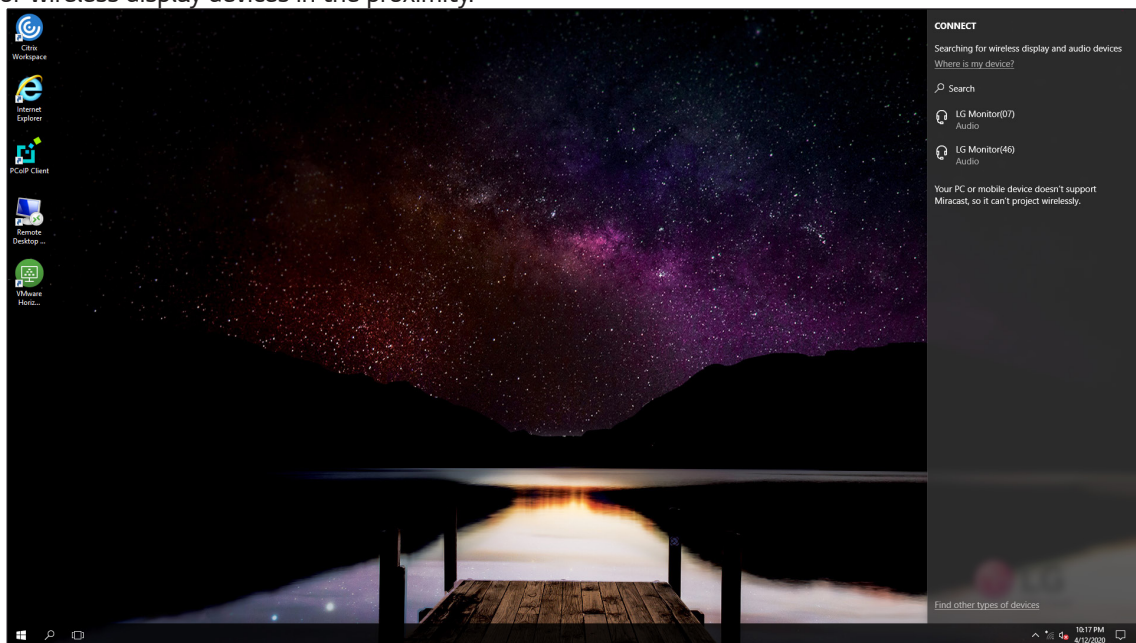
- To use the wireless display feature, the display device must support this feature.
- To connect to the display device that does not support wireless display, you must separately purchase a wireless display connection device.
- Once the wireless display connection is established, no additional procedures and searching are necessary the next time you try to connect.

## Connecting to Wireless Display

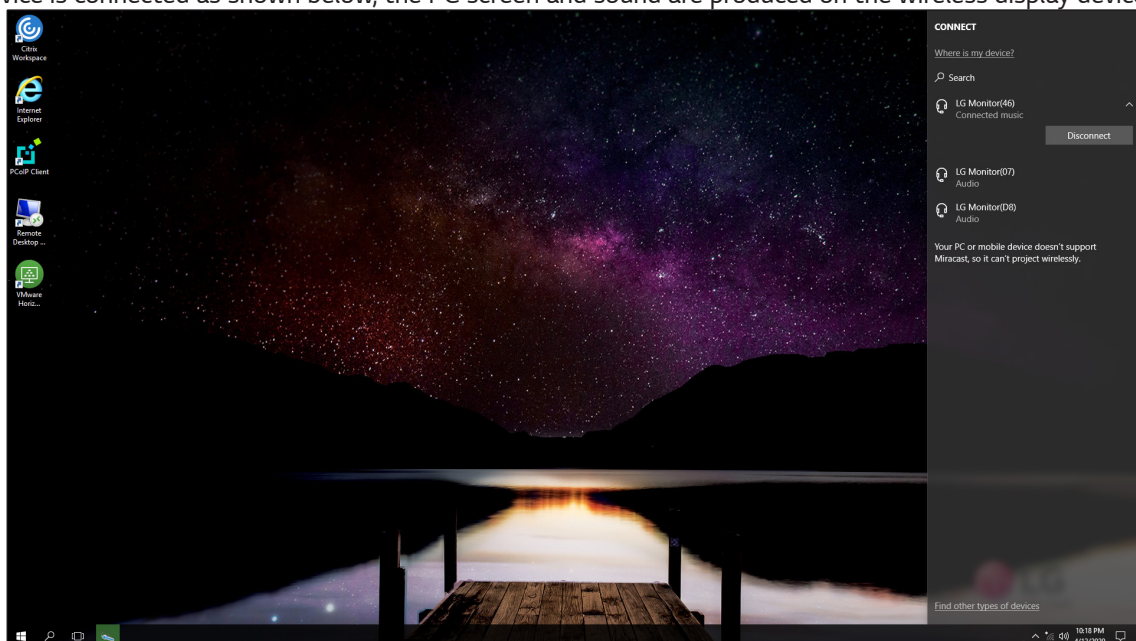
- 1 Press the Action Center  icon on the right side of the task bar.
- 2 When the Action Center screen appears, press the [Connect] tile.

### TIP

- If the tile does not appear, press the [Expand] menu.
- 3 Search for wireless display devices in the proximity.



- 4 If the device is connected as shown below, the PC screen and sound are produced on the wireless display device.




## Bluetooth

Bluetooth allows the user to access wirelessly various devices such as camera, cell phone, headset, printer, and GPS receiver that support Bluetooth®. It can also establish a network and exchange data with other Bluetooth®-enabled PC or smartphone.


**The default setting is Off. Admin only can change to On.**

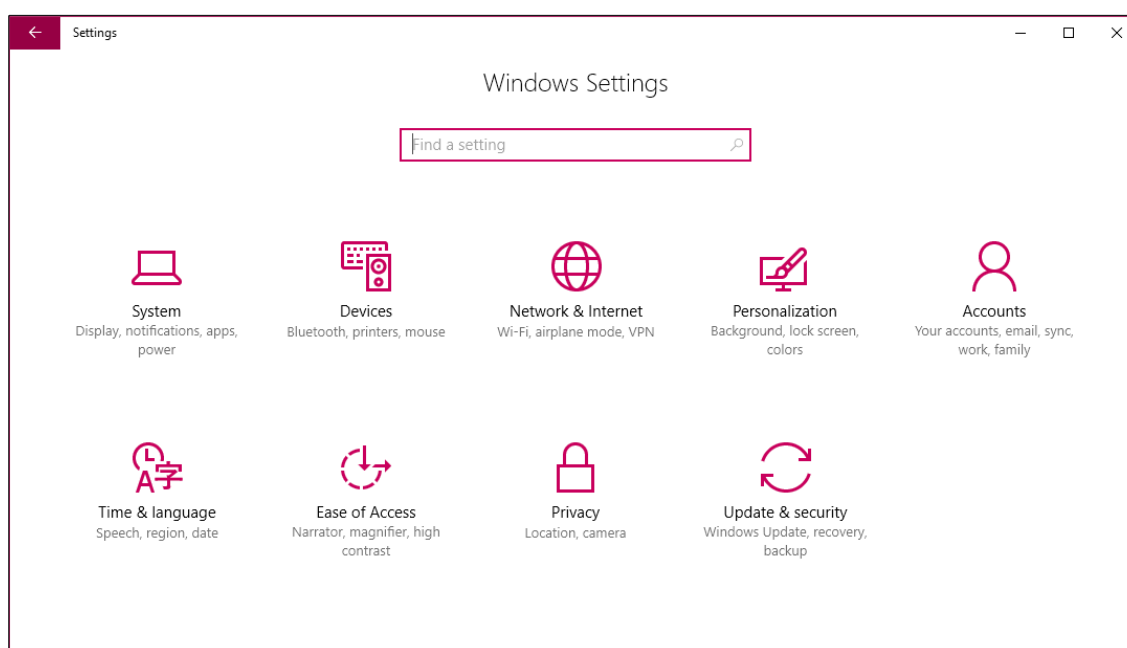
### OPTION

- The Bluetooth device is optional, and it may not be available in some models.
- The figures herein may differ by language selection and are subject to change without prior notice.
- For details on connecting a Bluetooth device, refer to the user manual that came with the Bluetooth device.

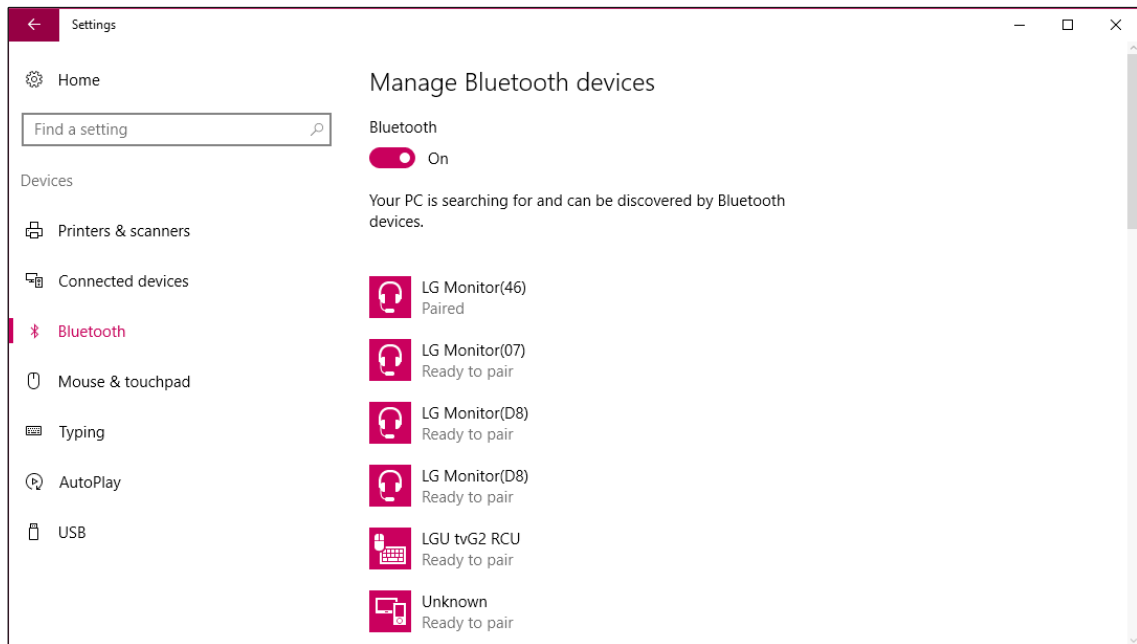
1 Click the  button and select the [Settings] menu.

### TIP

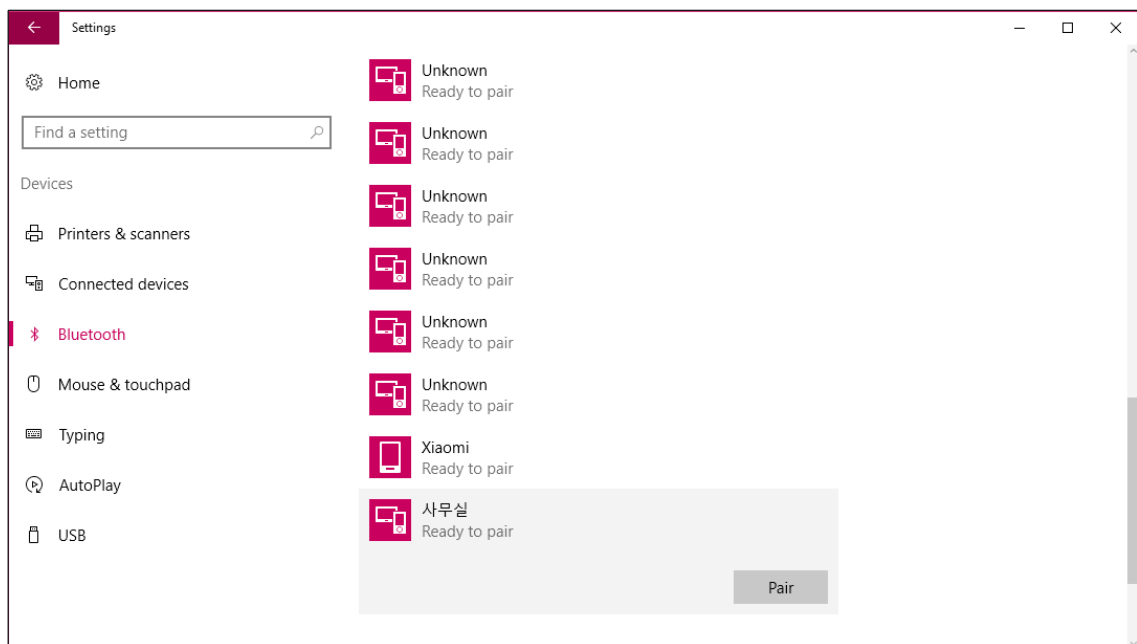
- 1 Press the  key or [Ctrl] + [Esc] to display the Start menu.
- 2 When the [Settings] screen appears, select [Devices].



3 Select [Bluetooth] to search for Bluetooth devices.



4 Select a device to connect to.



5 Complete the Bluetooth connection as directed.




## Wired LAN

LAN is the network environment that users can connect to by using a cable to connect to their internet providers or the company's network.


### Using Wired LAN

LAN is installed with an automatic IP (DHCP) as default value.

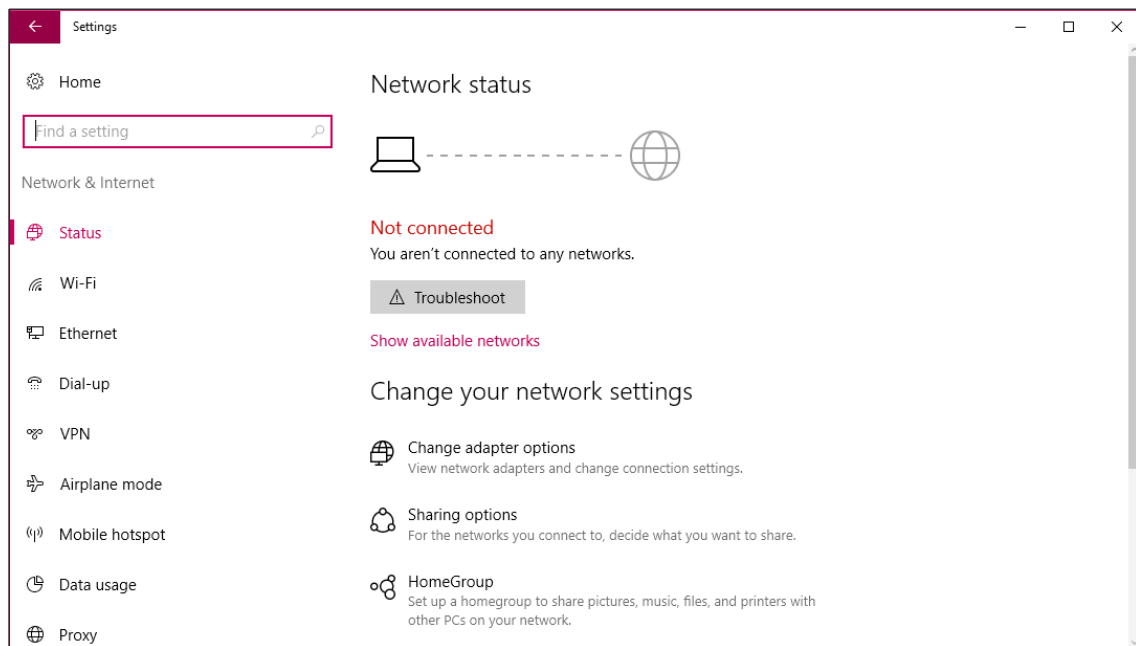
Please refer to the following instructions for details on setting up an automatic IP (DHCP) or manual IP.

- 1 Connect the wired LAN cable to the LAN port.
- 2 Press the  button and select the [Settings] menu.

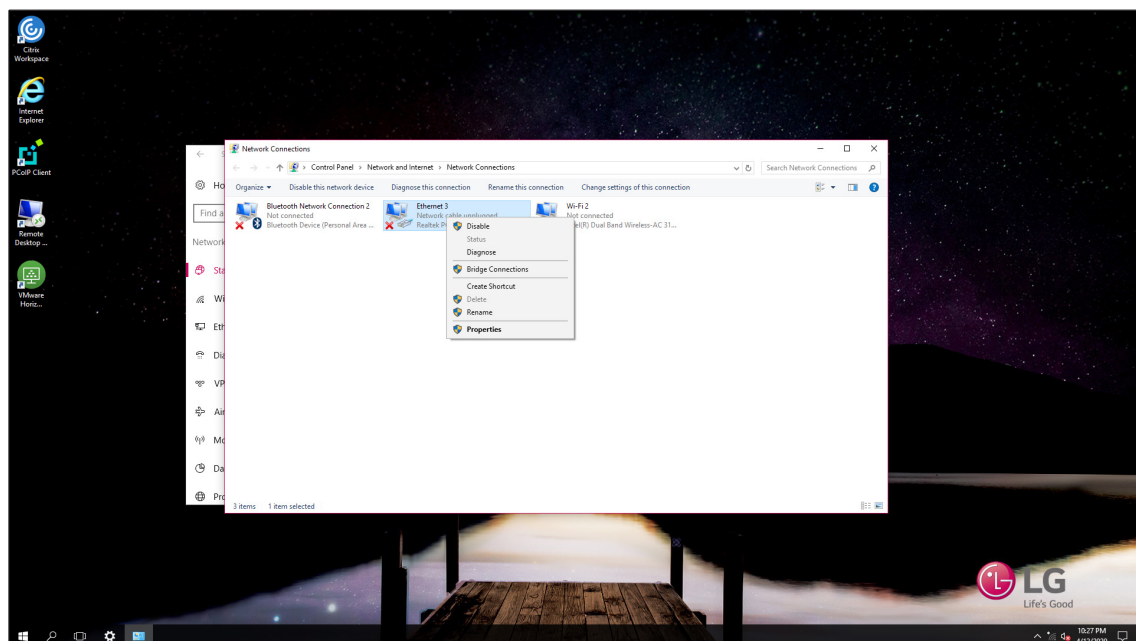
#### TIP

- Press the  key or [Ctrl] + [Esc] to display the Start menu.

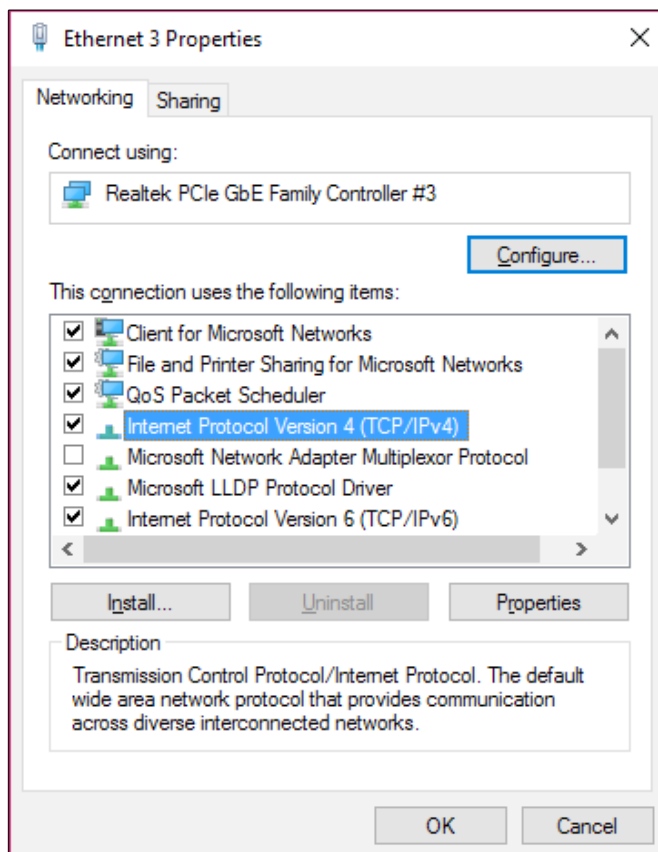
- 3 Select [Network & Internet] > [Status] > [Change adapter options].



- 4 Right-click [Ethernet] and select the [Properties] menu. (Admin only)

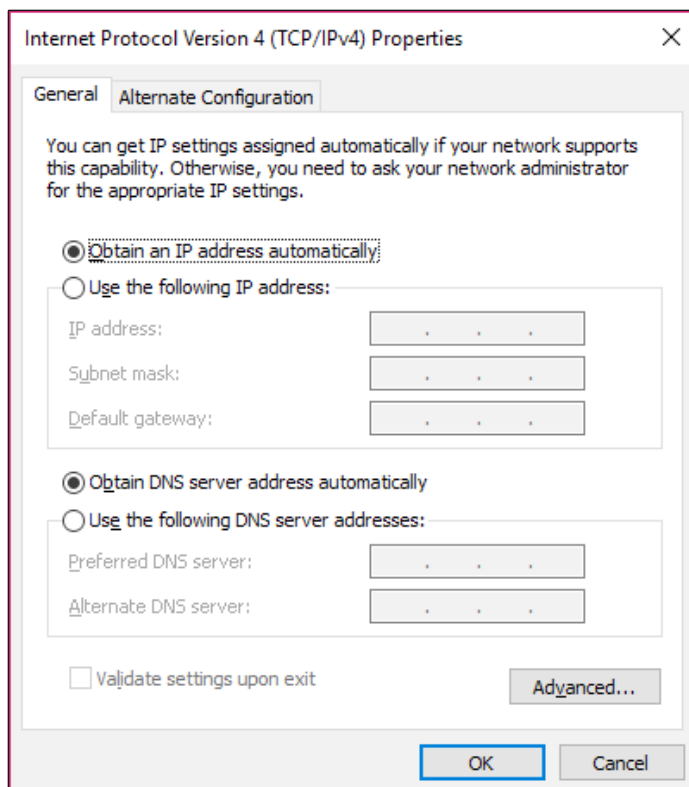


- 5 Select [Internet Protocol Version 4 (TCP/IPv4)] and then click [Properties]. (Admin only)



- 6 To use an automatic IP(DHCP), select [Obtain an IP Address Automatically]. If you wish to use a static IP, select [Use Following IP Address] to enter the address. (Admin only)

**Contact the network service provider or administrator to use a static IP.**



- 7 Press [OK] to complete the network setup.
- 8 Click the Web Browser icon to check whether the internet is operating normally.

## Wireless LAN

The wireless network (Wireless LAN) is the network environment that connects a PC with the internet provider or company network through an Access Point (wireless or regular router).

### OPTION

- Wireless LAN is optional. Hence, it may not be installed in some models.


## Using the Wireless LAN

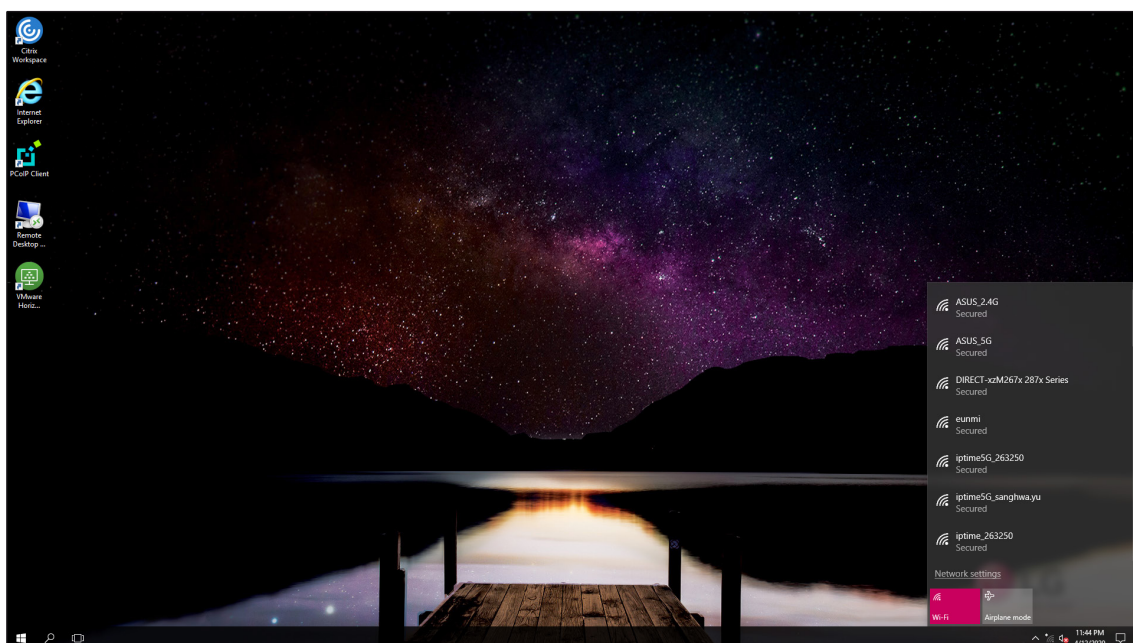
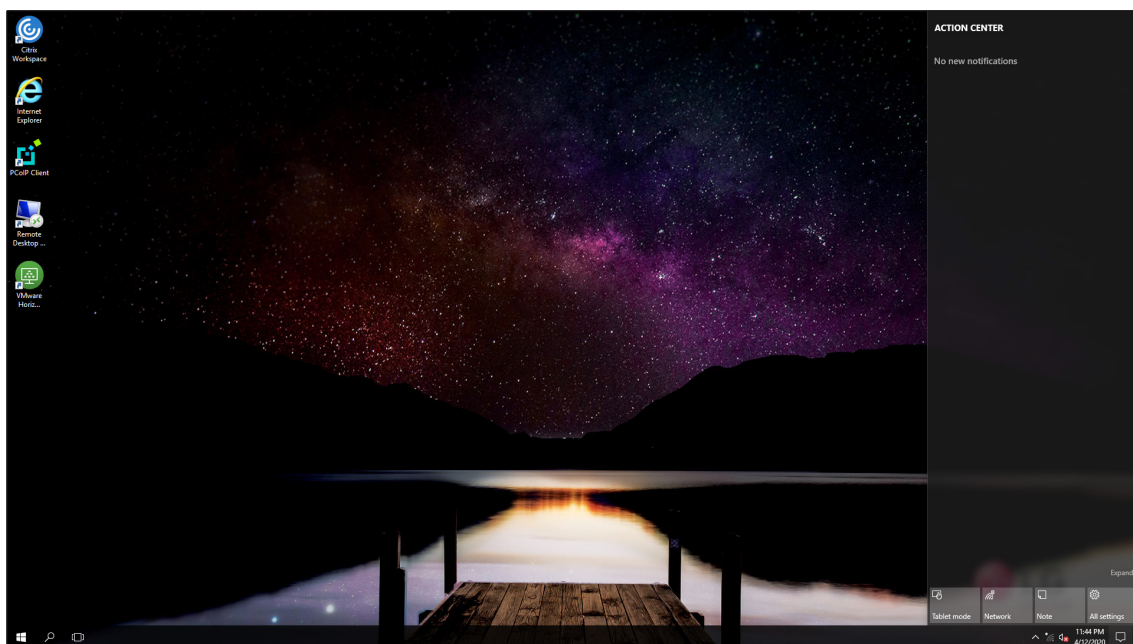
If an Access Point (wired or wireless router) is in the vicinity of the PC, the wireless LAN can easily be accessed.

**During the search for a wireless network (Wireless LAN), various Access Point may be found according to the location where the PC is used.**

**In case no accessible wireless network (Wireless LAN) is near the PC, no Access Point might be found.**

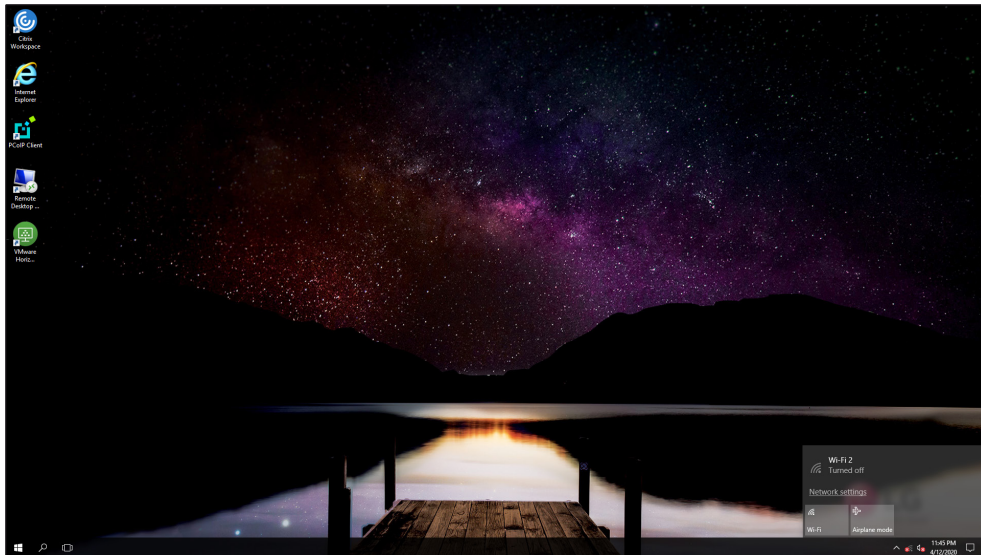
**A password protected Access Point cannot be accessed without the correct password.**

- 1 Press the Action Center  icon on the right side of the task bar.
- 2 Press the [Network] tile to search for a nearby Access Point.

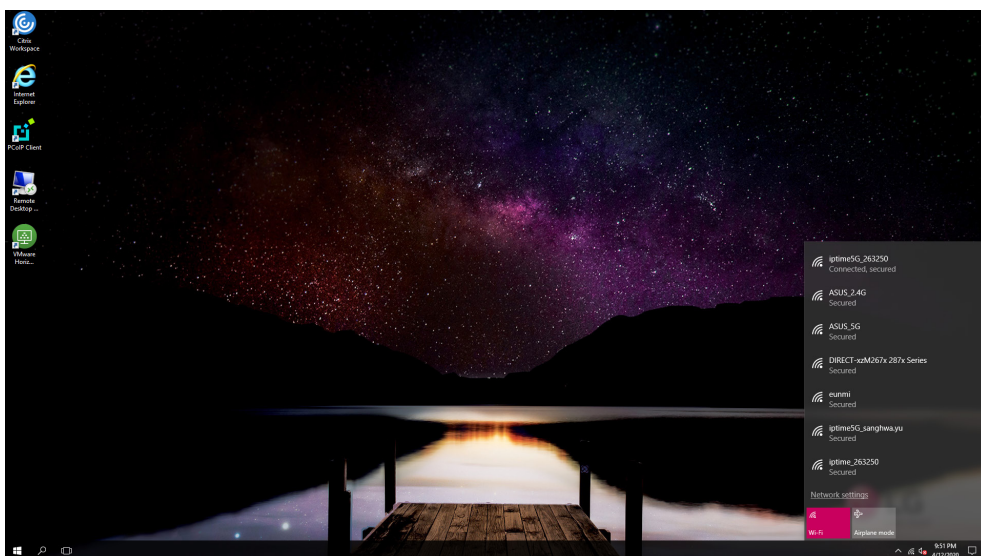
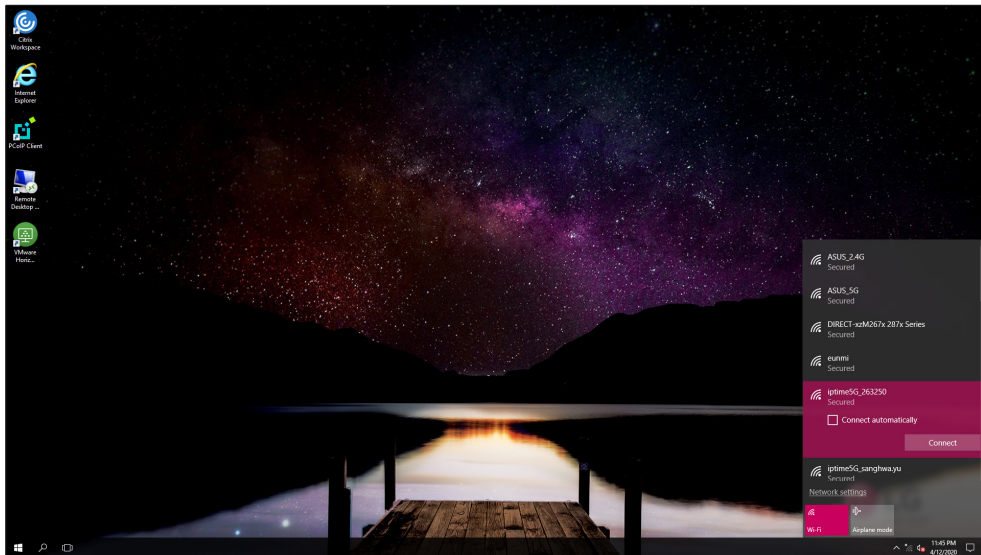


**Tip**

- If Wi-Fi is turned off, press the [Wi-Fi] tile.



- 3 Select the Access Point you want to connect to and press [Connect].



- 4 Click the Web Browser icon to check whether the internet is operating normally.



## Using a Wired/Wireless Router

A wireless / regular router connects several PCs and mobile devices to one internet line and enables the use of internet and the network.

**A wireless / regular router has to be bought separately. Refer to the manual provided by the manufacturer for instructions.**

### Connecting a Wireless or Regular Router

If one internet line is used with a wired / wireless router and several devices are connected, this may result in a slower connection.


In case of a wireless LAN, it is recommended to change the network name and security settings for a more secure connection.

**Network speed can differ according to operation environment and specifications.**

- 1 Connect the internet cable of the modem that was provided by your internet provider to the router's WAN port.
- 2 Connect all devices (PC, IPTV, internet phone, etc.) with a LAN cable to LAN ports 1 to 4 of the router. The number of LAN ports can vary for each router model.
- 3 Please refer to the manual provided by the router manufacturer for setup of the network and internet.

#### **TIP**

#### **Changing the wireless LAN security settings**

- If you are using WEP for security settings, you can improve your wireless LAN environment by changing it to WPA2/AES that provides better security. If WEP is used for security settings, the speed is limited to 54 Mbps.
- Enter the wireless router's IP address (e.g. 192.168.0.1) in the address bar to go to the [Wireless Setup/Security] menu.
- Change the security settings to WPA2/AES and save the settings. On the right side of the taskbar, right-click the  icon and click [Open Network & Internet settings] > [Network and Sharing Center]. Then click the wireless LAN in use to check the wireless LAN speed.

# USING SOFTWARE

## LG Cloud Panel

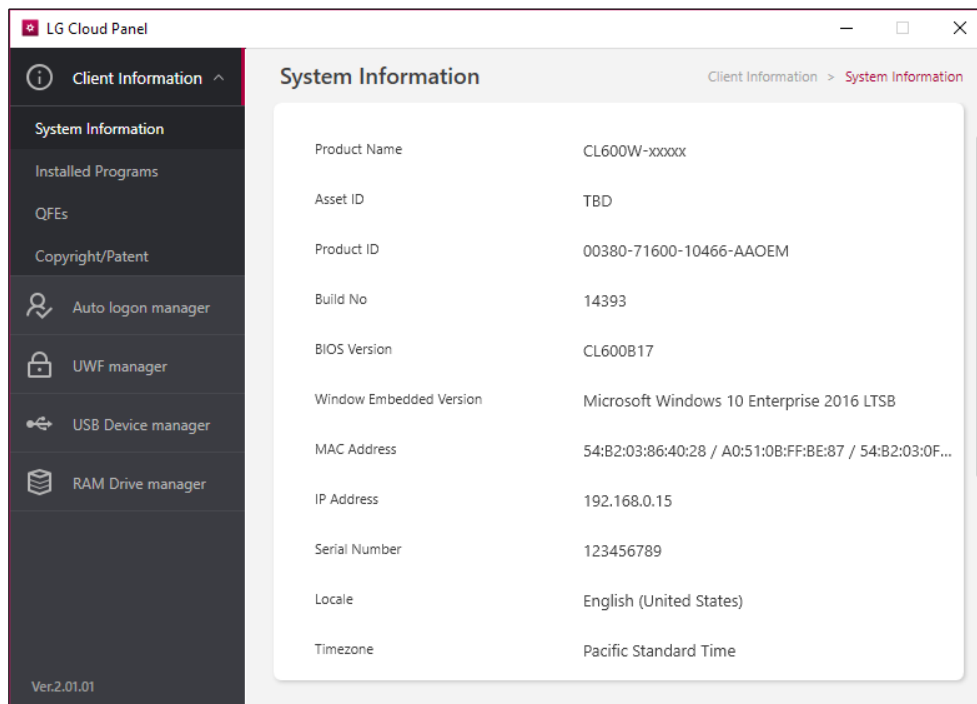
LG Cloud Panel is a software that helps you change Auto Logon Settings, UWF Settings, USB Device Settings, RAM Drive Settings as well as check current system information.

### Tip TIP

- You must set to UWF disable before Auto Logon settings, UWF overlay settings, USB devices settings, RAM drive settings. And this settings can be only changed by Admin.

## Running LG Cloud Panel

Select the  button [LG Software] to run [LG Cloud Panel].

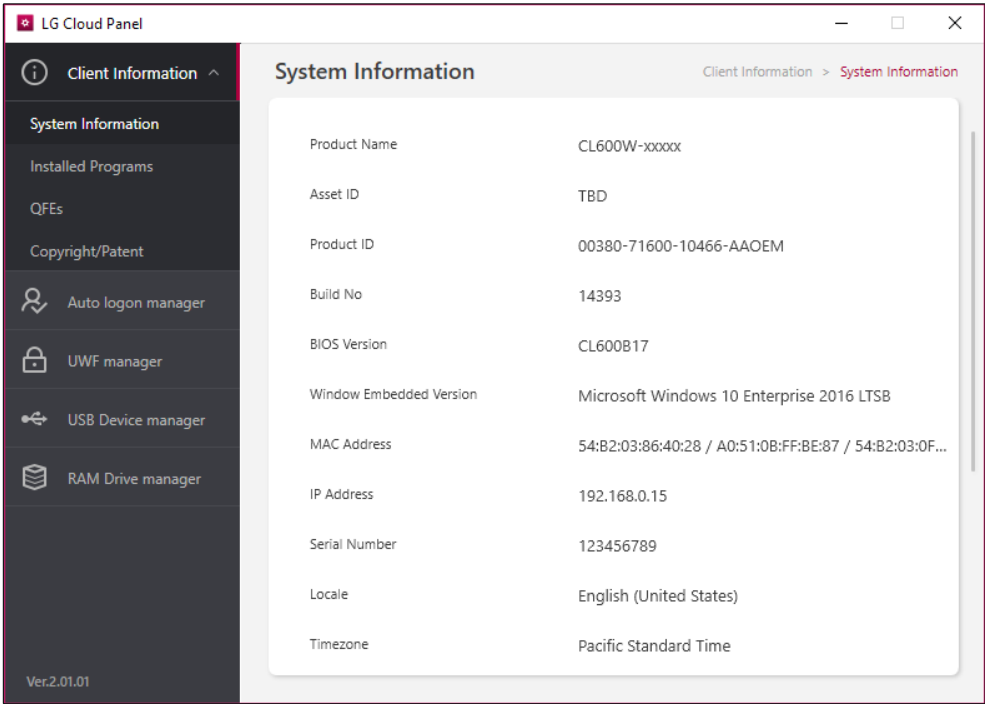


- 1 **Minimize/Exit Button:** Minimizes the size of the window, or exits the software.
- 2 **Client Information:** Displays the PC OS in use, processor information and other system information.
- 3 **Auto Logon Manager:** You can set auto logon Enable/Disable, user name, password in Windows OS.
- 4 **UWF Manager:** You can set UWF overlay settings, Folder/File/Registry exclusion in Windows OS.
- 5 **USB Device controller:** You can turn on/off usb devices.(mass storage, web cam)
- 6 **RAM Drive Manager:** You can set RAM drive settings in Windows OS.

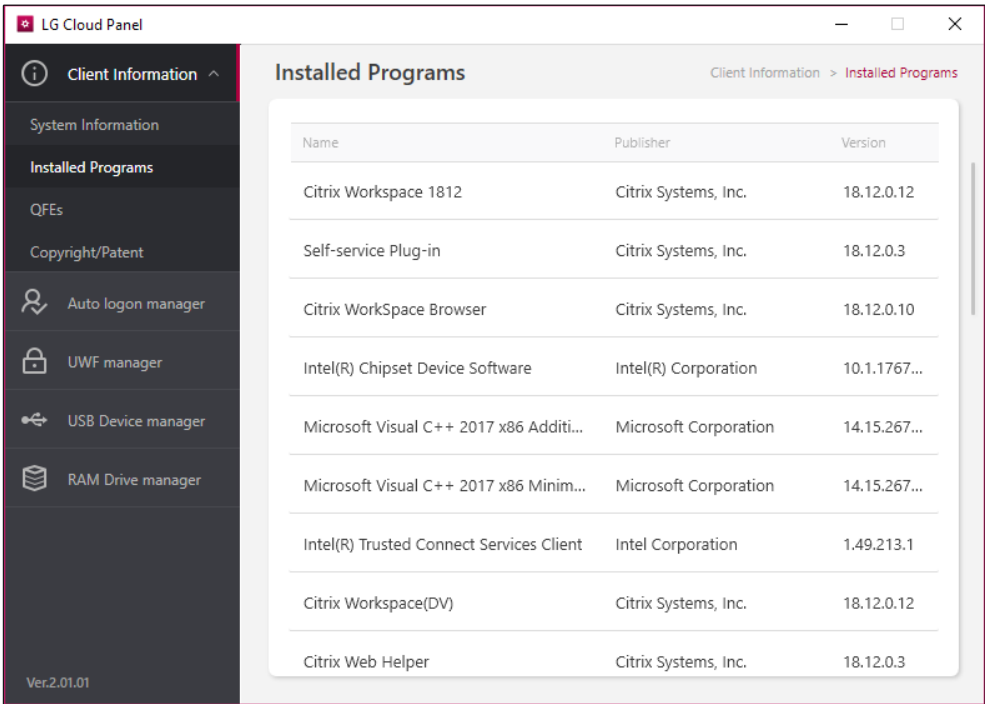
# Client Information

Displays the PC OS in use, processor information and other system information.

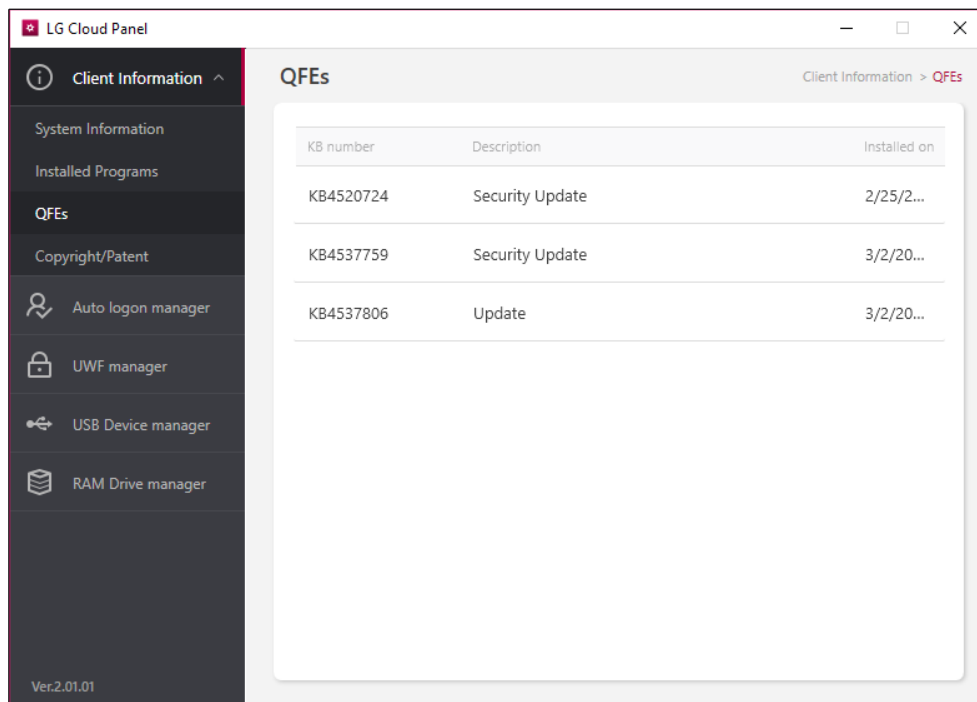
1 **System information:** Display PC OS system information.



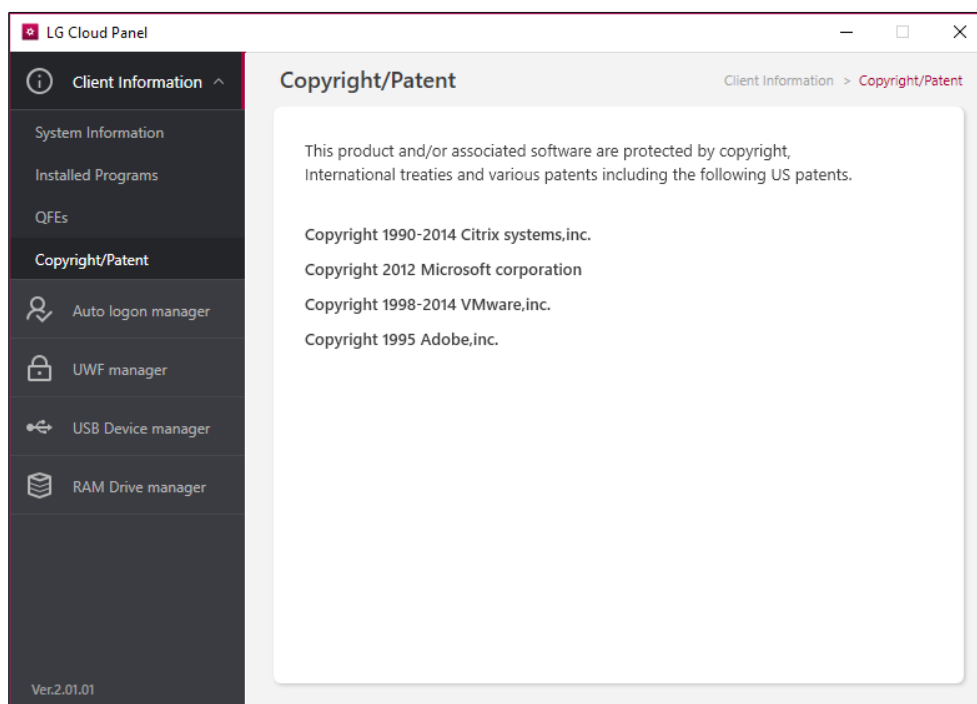
2 **Installed program:** Display installed program list in Windows OS.



### 3 QFEs: Display QFEs list in Windows OS.



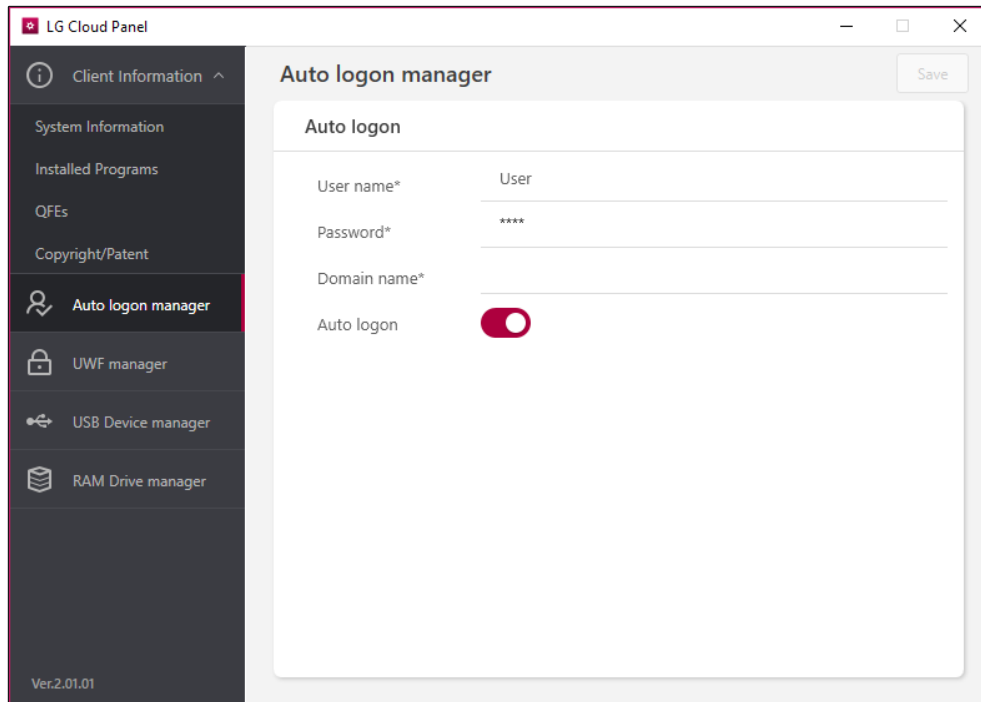
### 4 Copyright/Patent: Display copyright/patent information installed software in Windows OS.





## Auto Logon Manager

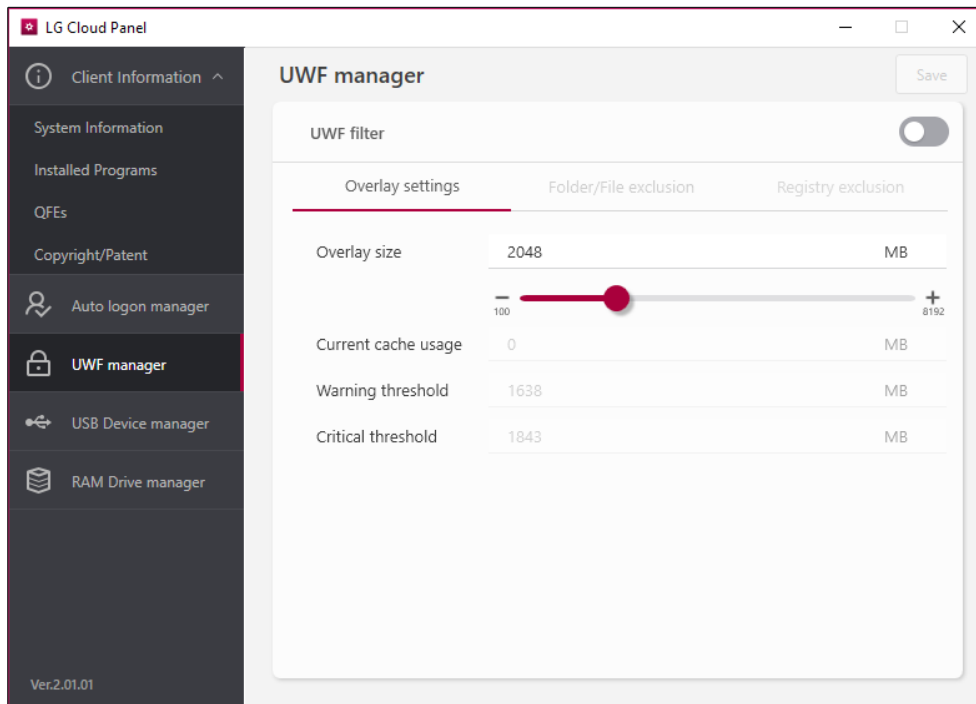
You can set auto logon Enable/Disable, user name, password in Windows OS.



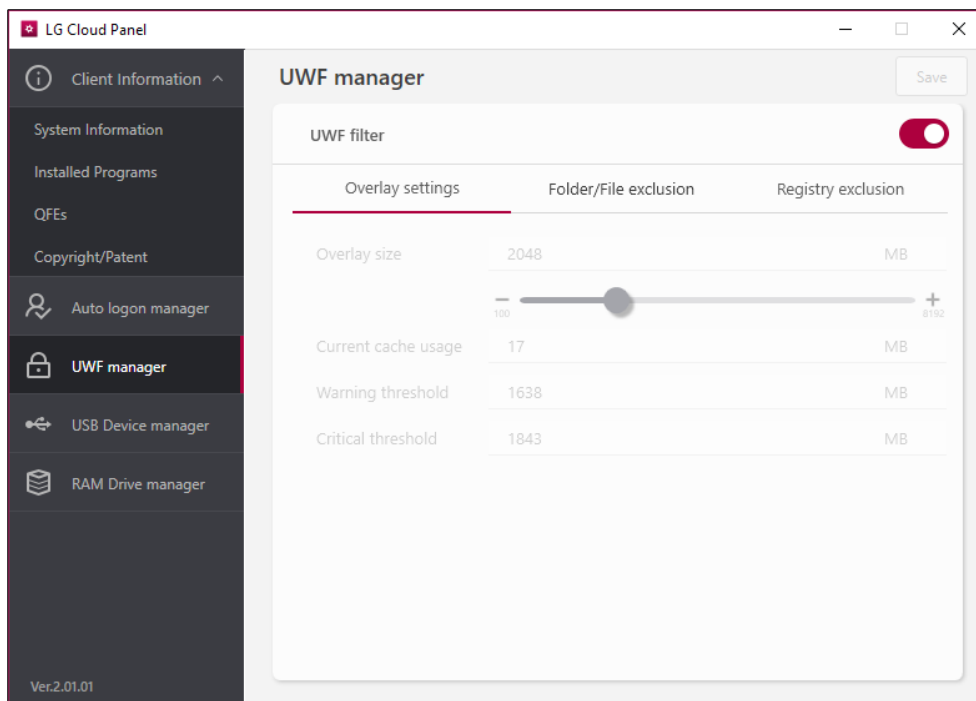
- 1 **User name:** Allows you to set account name in Windows OS.
- 2 **Password:** Allows you to set account password in Windows OS.
- 3 **Domain name:** Allows you to set domain name of network in Windows OS.
- 4 **Auto logon:** Turn on/off the Windows auto logon function.
- 5 **Save:** Save settings.

## UWF Manager

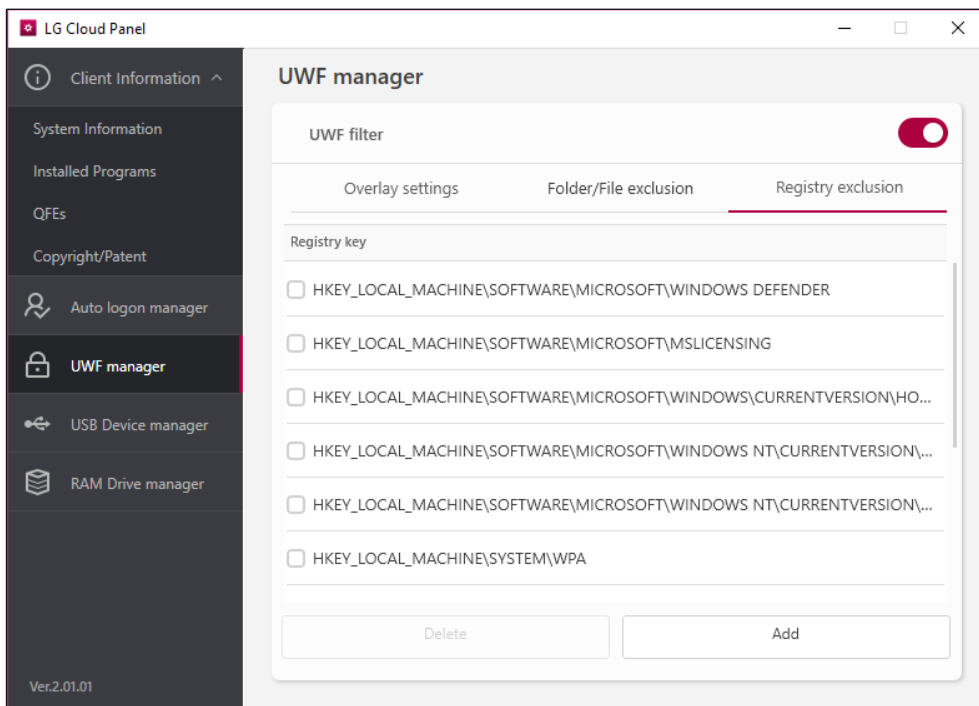
You can set UWF overlay settings, Folder/File/Registry exclusion in Windows OS.  
In case of UWF Enabled, you can only set Folder/File Exclusion, Registry Exclusion.



- 1 **Overlay Settings:** Allows you to set overlay settings in Windows OS.
  - **Set Overlay size:** Allows you to set overlay size.
  - **Display Current cache usage, Warning threshold, Critical threshold:** Display current overlay status information.



- 2 **Folder/File Exclusion:** Allows you to set folder/file exclusion in Windows OS.
  - **Delete:** Allows you to delete folder/file exclusion item in the list.
  - **Add folder/file:** Allows you to add folder/file exclusion item in the list.



3 **Registry Exclusion:** Allows you to set registry exclusion in Windows OS.

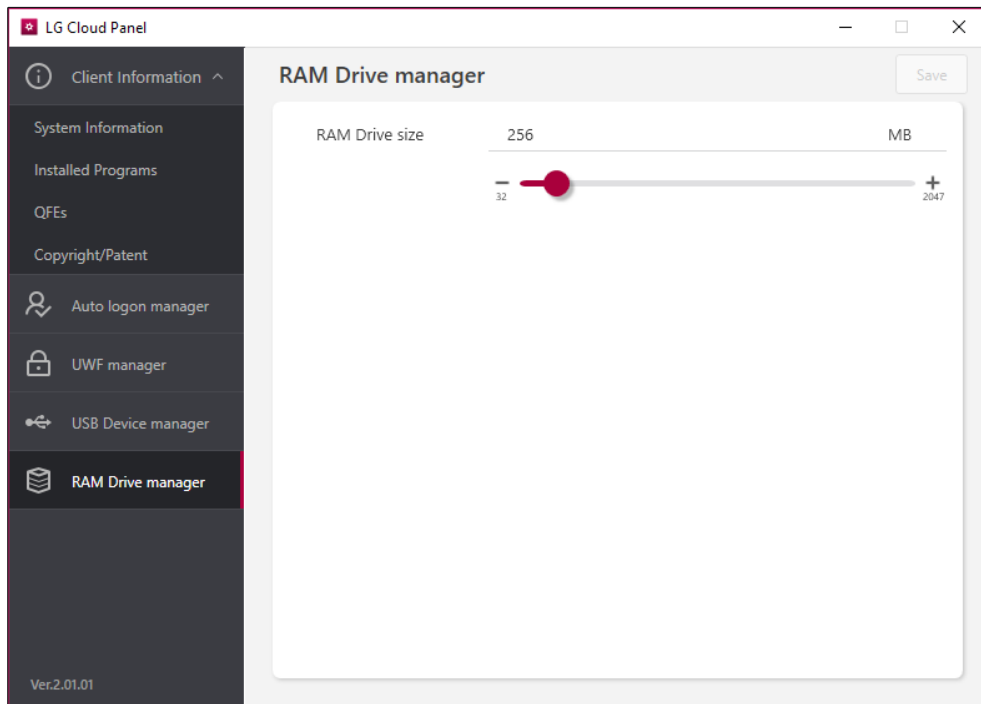
- **Delete:** Allows you to delete registry exclusion item in the list.

- **Add:** Allows you to add registry exclusion item in the list.

4 **Save:** Save settings.

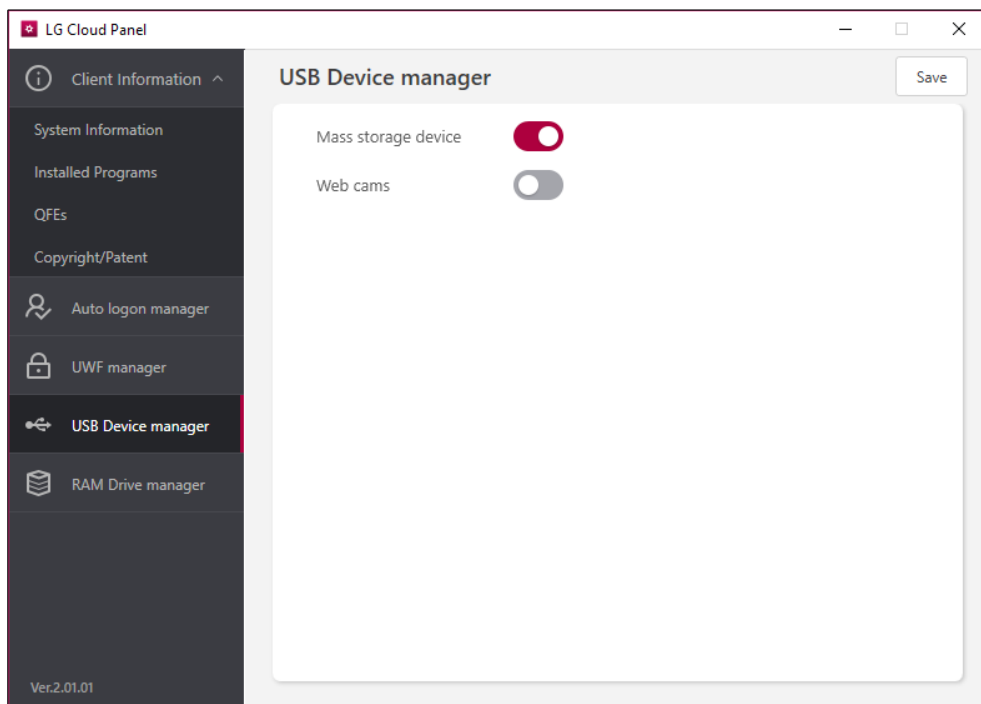
## RAM Drive manager

You can set RAM drive settings in Windows OS.



- 1 **RAM drive size:** Allows you to set ram drive size.
- 2 **Save:** Save settings.

## USB device controller



## FAQ

### Q: What is UWF?

- Unified Write Filter (UWF) is a sector-based write filter that you can use to protect your storage media. UWF intercepts all write attempts to a protected volume and redirects those write attempts to a virtual overlay. UWF improves the reliability and stability of your client and reduces the wear on write-sensitive media. For more information about UWF, browse Unified Write Filter in <http://microsoft.com>. Windows 10 IoT includes Unified Write Filter Manager. You can enable, disable and configure write filter using the UWF Manager application.
- Overlay cache will be cleared only by system restart, not either with logoff or switch user condition.
- Its highly recommend to Turn On the UWF. It's highly recommended to disable the Windows Page File feature.

### Q: What is QFEs?

- Quick Fix Engineering(QFE) is previously known as hot fixes.
- A hotfix package might contain several "encompassed" bug fixes, raising the risk of possible regression. An encompassed bug fix is a software bug fix that is not the main objective of a software patch, but rather the side effect of it. Because of this, some libraries for automatic updates like Stable Update also offer features to uninstall the applied fixes if necessary.

# LG Cloud Launcher (User Mode)

## Getting Started

### Desktop Mode

After logging in to the user account, left-click  key > LG Software > LG Cloud Launcher.

### Kiosk Mode

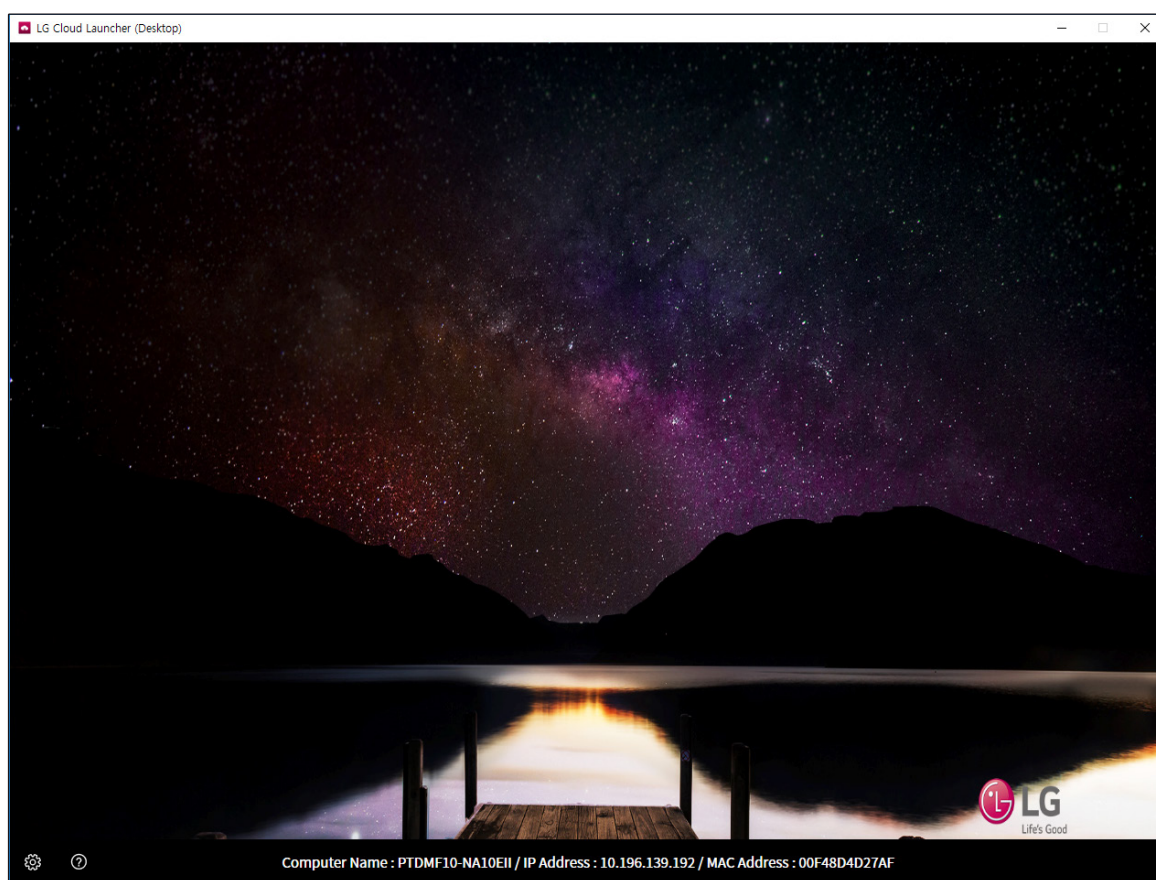
Users cannot arbitrarily run LG Cloud Launcher in the kiosk mode, but if the administrator has enabled the kiosk mode, LG Cloud Launcher will automatically start in the kiosk mode when the user logs in to the account.

## How to Use

In the user mode, you can check the interface and settings customized according to the configuration set by the administrator. The user mode is divided into the desktop mode and the kiosk mode according to the administrator's setting of [Preferences] > [User Interface] > [Kiosk Mode]. If you disable this setting, you can only use the desktop mode, and when you activate the setting, LG Cloud Launcher will automatically start in the kiosk mode when you log in to the user account. The default shell in the desktop mode is Windows 10, and the default shell in the kiosk mode is set to be LG Cloud Launcher, so some features of Windows 10 such as the task bar will not be available.

### Desktop Mode

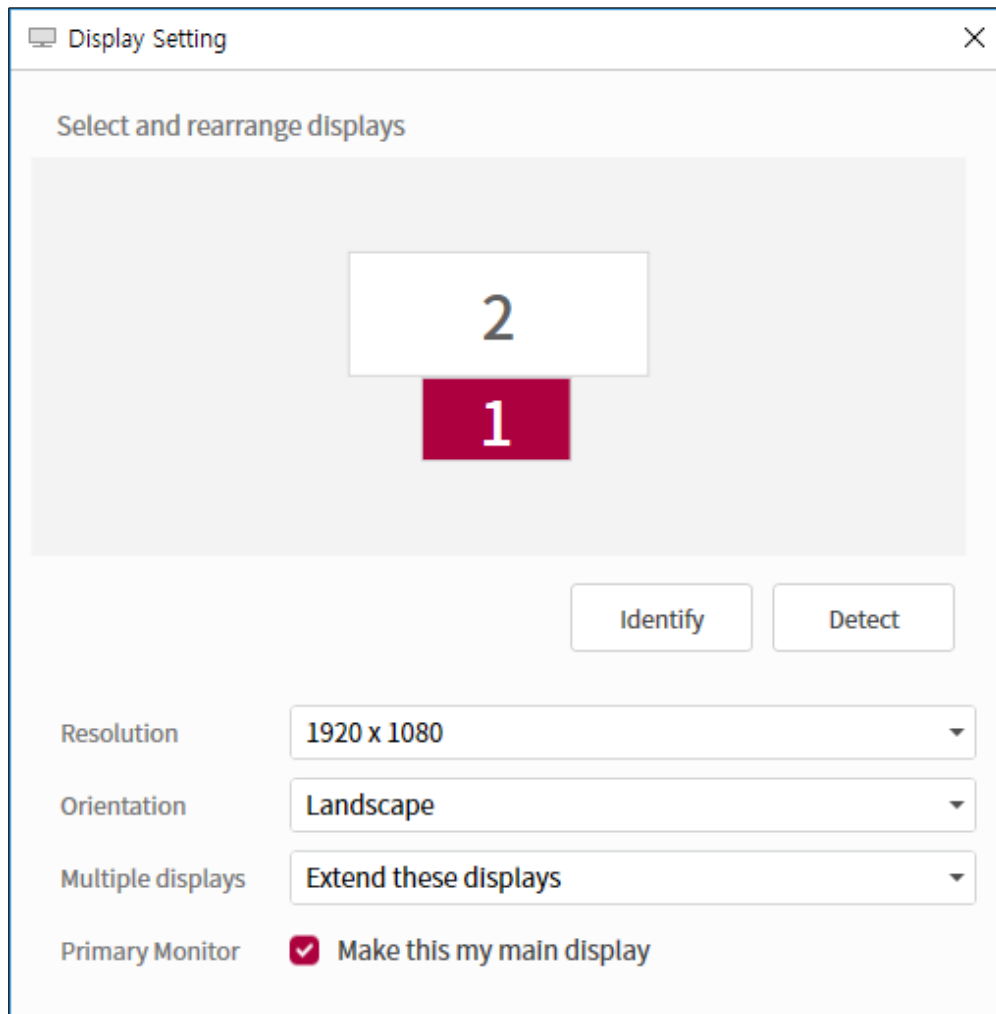
In the desktop mode of LG Cloud Launcher, the connections configured by the administrator will be displayed at the center of the main window, and the activated interfaces will be displayed at the bottom of the screen.



## Kiosk Mode

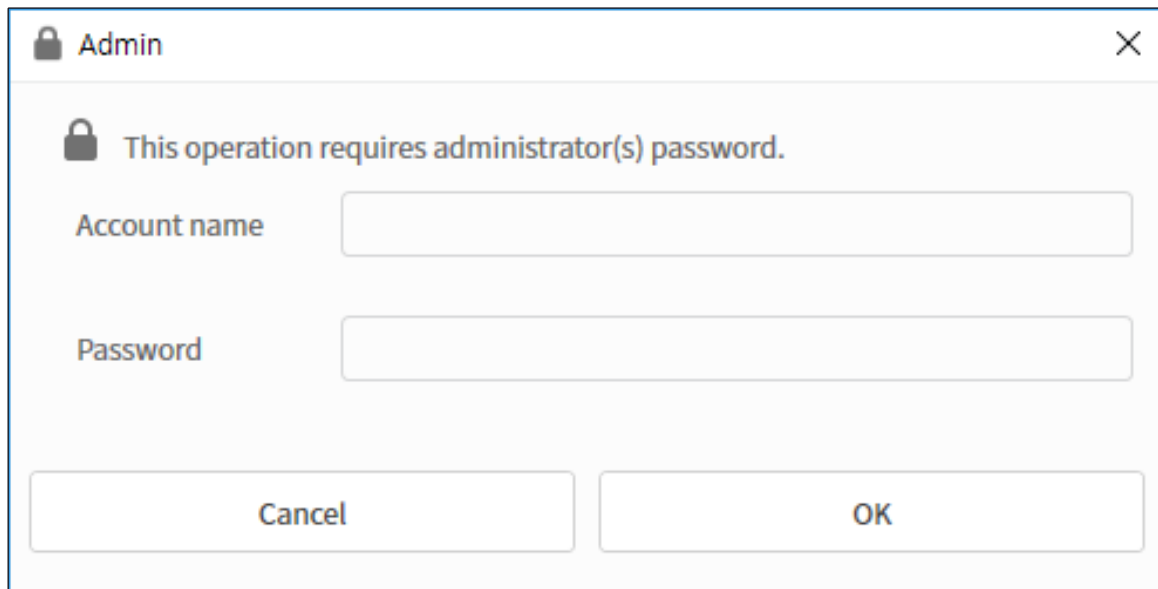
In the kiosk mode of LG Cloud Launcher, the connections configured by the administrator will be displayed at the center of the main window, and the activated interfaces will be displayed at the bottom of the screen. When LG Cloud Launcher is running in the kiosk mode, the user cannot arbitrarily exit LG Cloud Launcher.





- In [Display Settings], you can change the overall display settings of the user as follows:
  - [Select and Rearrange the Display]: Select a display by left-clicking one and if there are two or more displays, you can change their arrangement
  - [Apply]: Applies the changed arrangement.
  - [Cancel]: Returns to the existing arrangement without applying the changed arrangement.
  - [Identification]: Displays the identification number of the connected display at the bottom left of the screen.
  - [Search]: Searches connected displays.
  - [Resolution]: You can change the resolution of the selected display.
  - [Direction]: You can change the horizontal/vertical direction of the selected display.
  - [Multi Display]: When two or more displays are connected, you can change the project configuration of the displays.
  - [Main Monitor]: When two or more displays are connected, you can select a monitor as the main display.





The image shows a Windows-style dialog box titled "Admin" with a lock icon. The message inside says "This operation requires administrator(s) password." Below the message are two input fields: "Account name" and "Password". At the bottom are two buttons: "Cancel" and "OK".

Admin

🔒 This operation requires administrator(s) password.

Account name

Password

Cancel OK

- The options to lock, logoff, restart, and shutdown will all be displayed when you enter the correct name and password of the administrator account. If all options are already displayed, the [Admin] item will be hidden.

# LG Cloud Launcher (Administrator Mode)

## Getting Started

### Administrator Mode

After logging in to the administrator account, left-click [Windows] key > LG Software > LG Cloud Launcher.

To run LG Cloud Launcher in the administrator mode with the user account, log in to the user account, click [Windows] key > LG Software, and right-click LG Cloud Launcher. Then click [More] > [Run as Admin]. When the software prompts you to enter the password of the administrator account, enter the password for the administrator account.

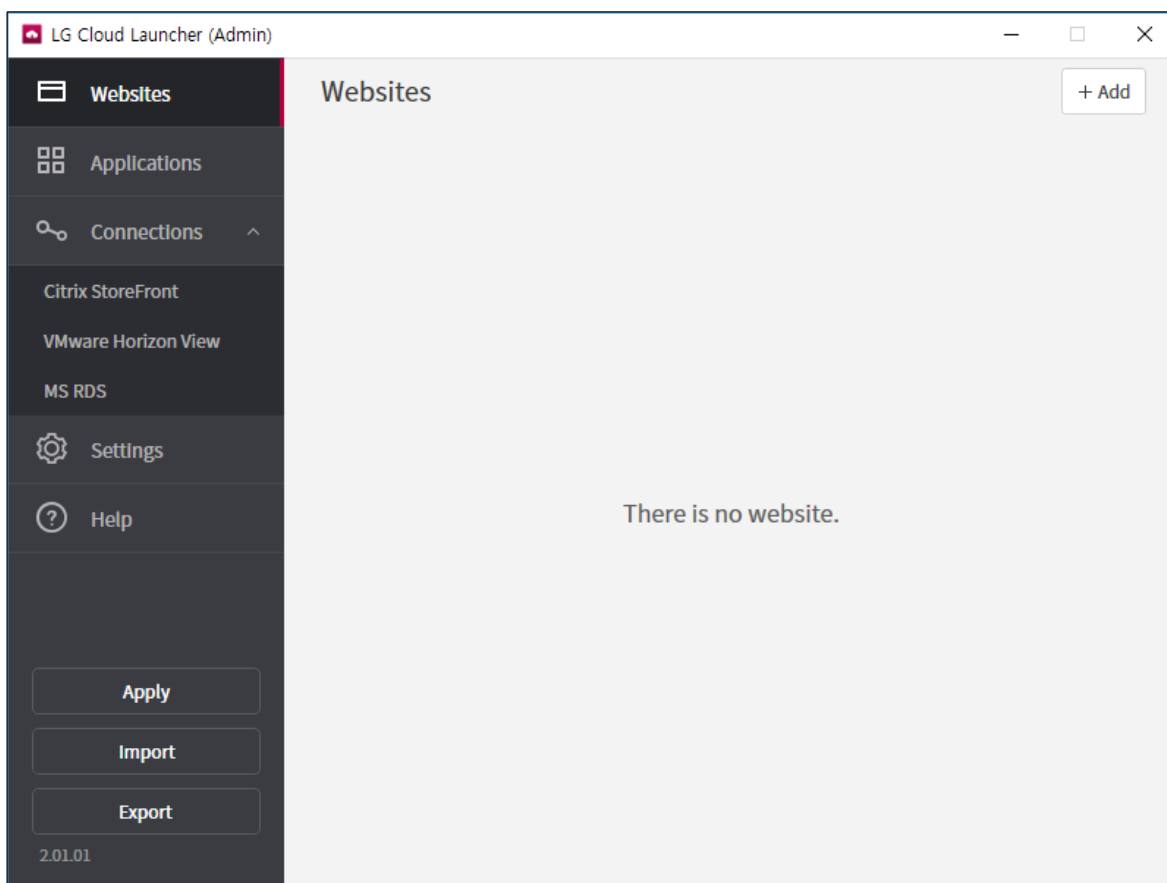
### How to Set

For all the settings, you must click [Apply] at the bottom left of the screen so the change is finally applied. When the Unified Write Filter is inactive, clicking [Apply] cannot be undone, and the existing state cannot be restored. When the Unified Write Filter is active, the settings will return to the state before the change when the device reboots even if you have clicked [Apply].

### Website

#### Add Website Connection after Initial Entry

- You can add up to 5 website connections to LG Cloud Launcher, and registered websites will be connected through Internet Explorer.



When you run LG Cloud Launcher with the administrator account or the standard user account as the administrator, you can enter the administrator mode. When you run the administrator mode, you will enter the [Website] menu. You can add a website connection by clicking [Add] on the top right of the screen.

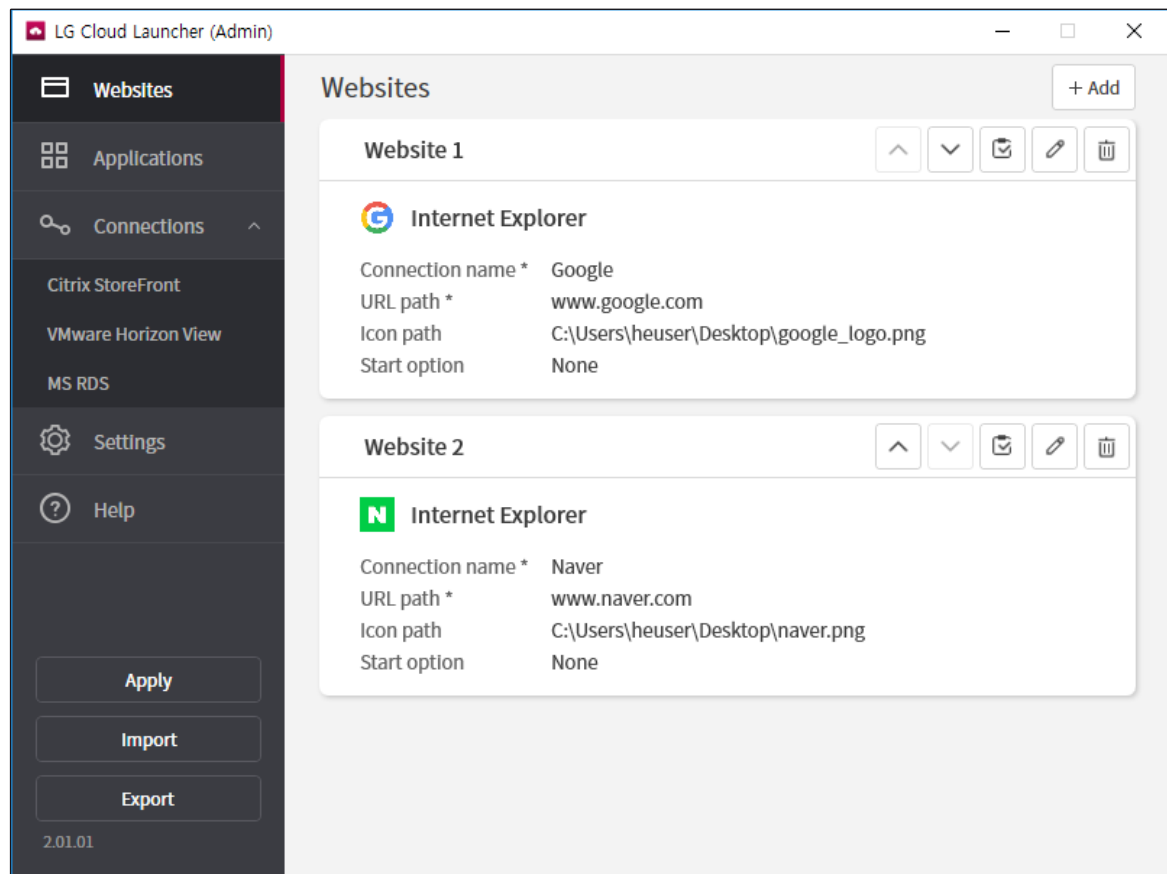
The screenshot shows a 'Website Edit' window with the following fields and controls:

- Connection name \***: A text input field.
- URL path \***: A text input field.
- Icon path**: A text input field with a 'Browse' button and a delete icon (X) to its right.
- Start option**: Two checkboxes, 'Full screen' and 'Auto start'.
- Buttons**: 'Cancel' and 'Save' buttons at the bottom.

Clicking [Add] displays the [Edit the Website] window shown above. Filling in the required input fields of [Connection Name] and [URL Path] automatically displays [Save], which when clicked adds the set website connection to the administrator screen. After the connection is added, all changes will be applied only when you click [Apply] at the bottom left of the screen as shown in Figure 2.1.0.

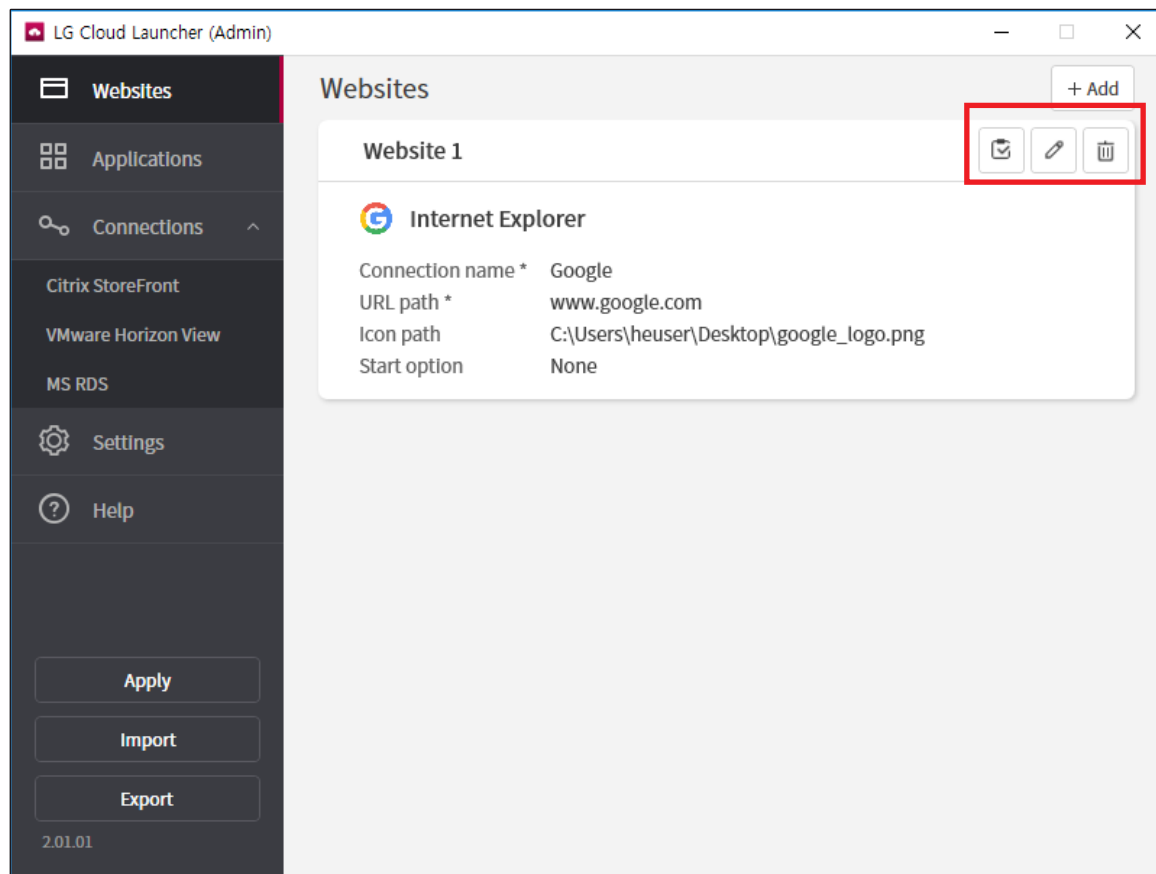
The settings of the website connection are as follows:

- **Connection name (required)**: Fill in the name of the connection to be displayed in the kiosk mode and the desktop mode (up to 20 characters).
- **URL path (required)**: A website address to connect when connecting to the website
- **Icon path**: Click [Browse...] to select the representative image of the connection to be displayed in the kiosk mode and the desktop mode (manual input is unavailable). To use the website's default image instead of the selected image, click [X] to the right of the icon path field to delete the selected image path.
  - Selecting an image in a format other than the PNG, JPEG, ICO, BMP, or TIFF format may cause some restrictions on its use.
  - The image you want to set as an icon must be located in the same path as LG Cloud Launcher's executable file. (Path: C:\Program Files (x86)\LG Software\LG Cloud Launcher)
- **Startup option**: When [Full Screen] is selected, Internet Explorer will be displayed in full screen in the kiosk style when the connection is executed. When [Auto Start] is selected, the connection to such website will be automatically executed when the software enters the kiosk mode or the desktop mode.



<The screen when adding the website connection is completed>

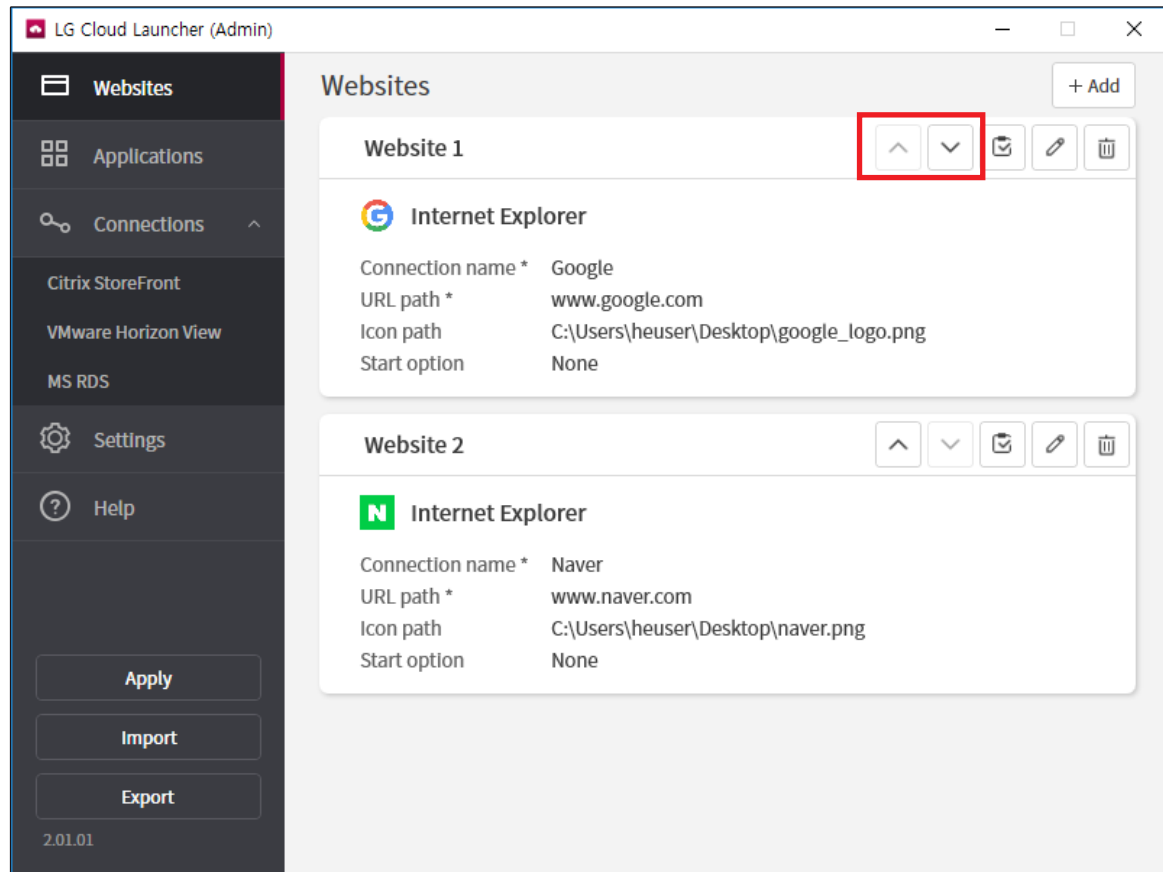
## Test, Edit, and Delete the Existing Website Connections



As shown in the figure, you can see [Test], [Edit], and [Delete] in the upper right corner of the added website connection. The above buttons act as follows:

- [Test]: Connects to the registered URL page through Internet Explorer when clicked. The connection may be unstable depending on the network environment.
- [Edit]: Fills and displays the registered inputs in the website edit window when clicked. You can modify the content of the connection through the edit window.
- [Delete]: Deletes the registered connection. Once deleted, the content cannot be restored.

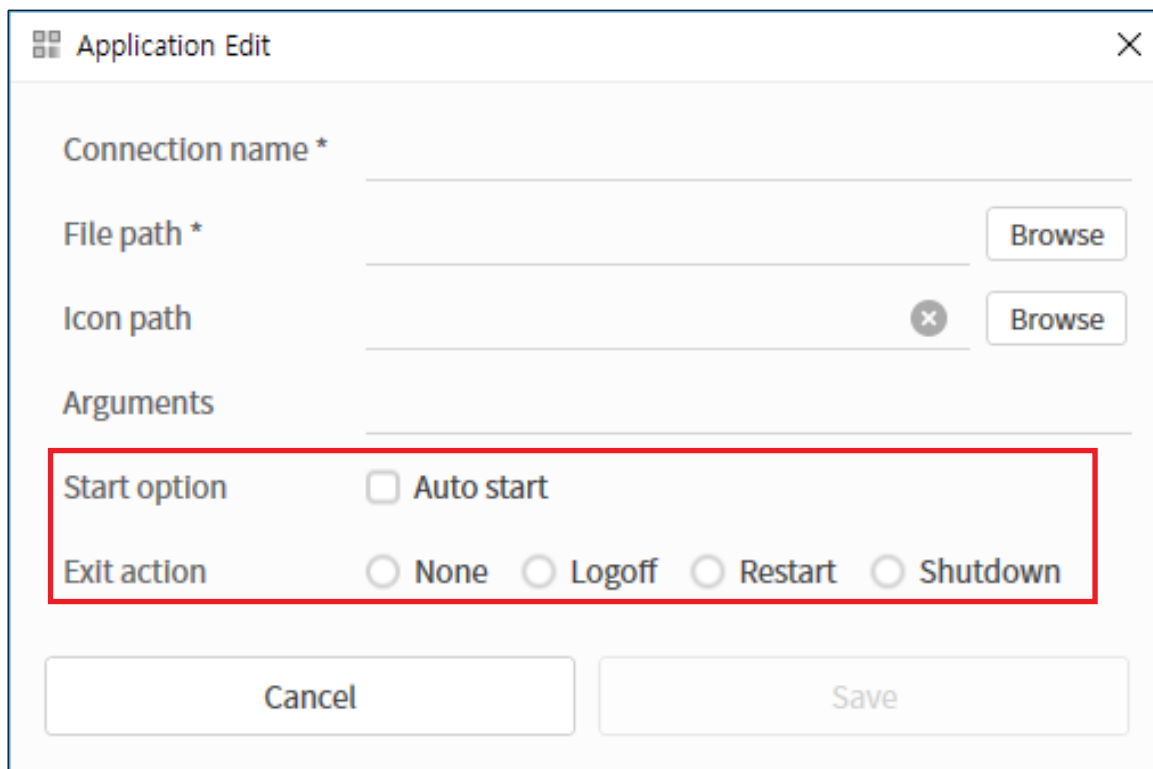
## Change the Order among Registered Website Connections



When you register two or more website connections, an arrow will be displayed as shown in the figure. Clicking the “up” arrow changes the order of the selected connection and the connection above it. Clicking the down arrow changes the order of the selected connection and the connection below it. The up arrow of the top connection and the down arrow of the bottom connection will be disabled.

## Application

Setting an application connection will be done in the same way as setting a website connection.



**Application Edit**

Connection name \*

File path \* Browse

Icon path x Browse

Arguments

Start option ☐ Auto start

Exit action ☐ None ☐ Logoff ☐ Restart ☐ Shutdown

Cancel Save

For applications, register the path of the application (.exe file) to be registered instead of entering a URL. As shown in the figure, [Full Screen] of [Startup Options] will not be provided for applications. In addition, there is an item called [End Action] that does not exist on the website. Selecting [End Action] causes the set action to be performed when such a connection is terminated in the kiosk mode.



## Connection

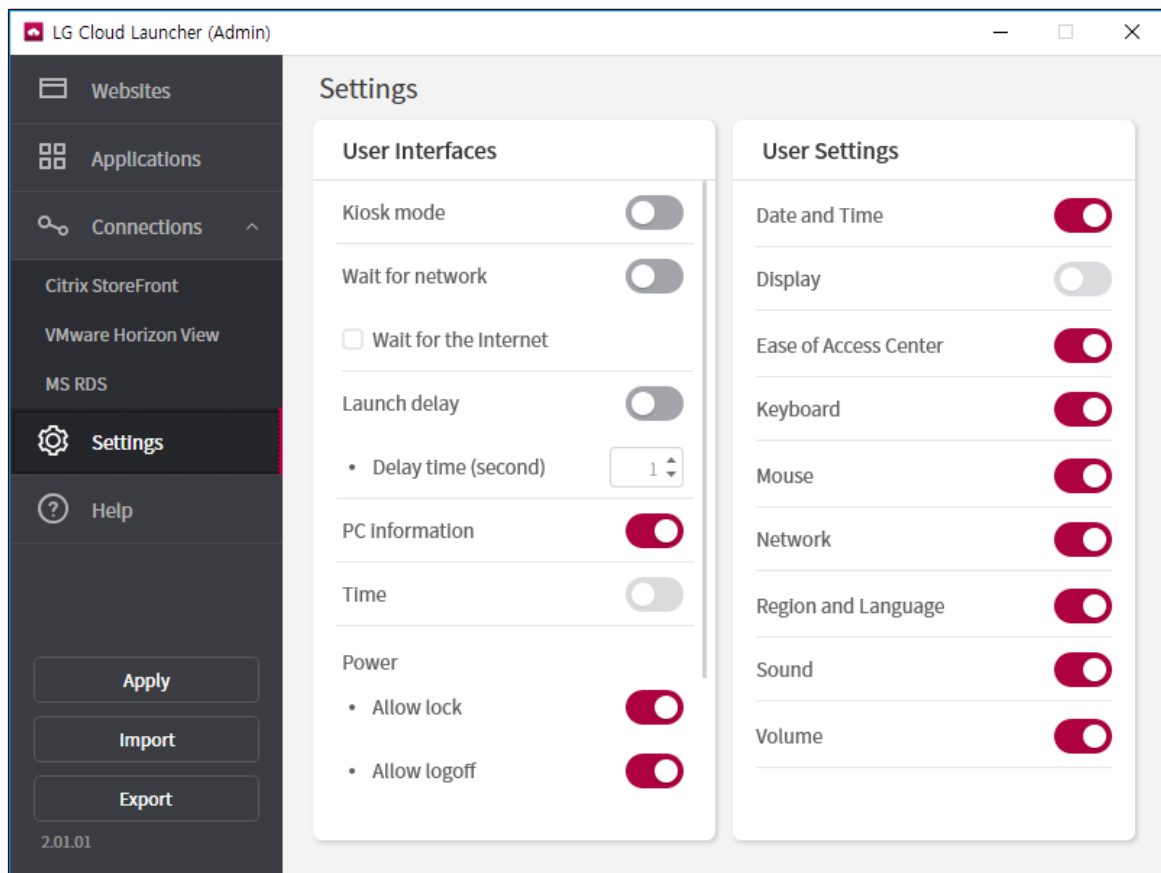
For Citrix StoreFront, VMware Horizon View, and MS RDS included in the [Connection] menu, only one connection can be registered for each of them, and [Test] is not available for these.

For Citrix StoreFront, as in the case of the website, when you enter the URL of the Citrix StoreFront, you will be connected to that page through Internet Explorer. Unlike the website, Citrix StoreFront does not provide [Full Screen] in [Startup Options]. For VMware Horizon, [Save] will be activated and registration becomes available when you register the required [Connection Name] and [Host Name]. The edit menu is divided into [General] and [Display] tabs.

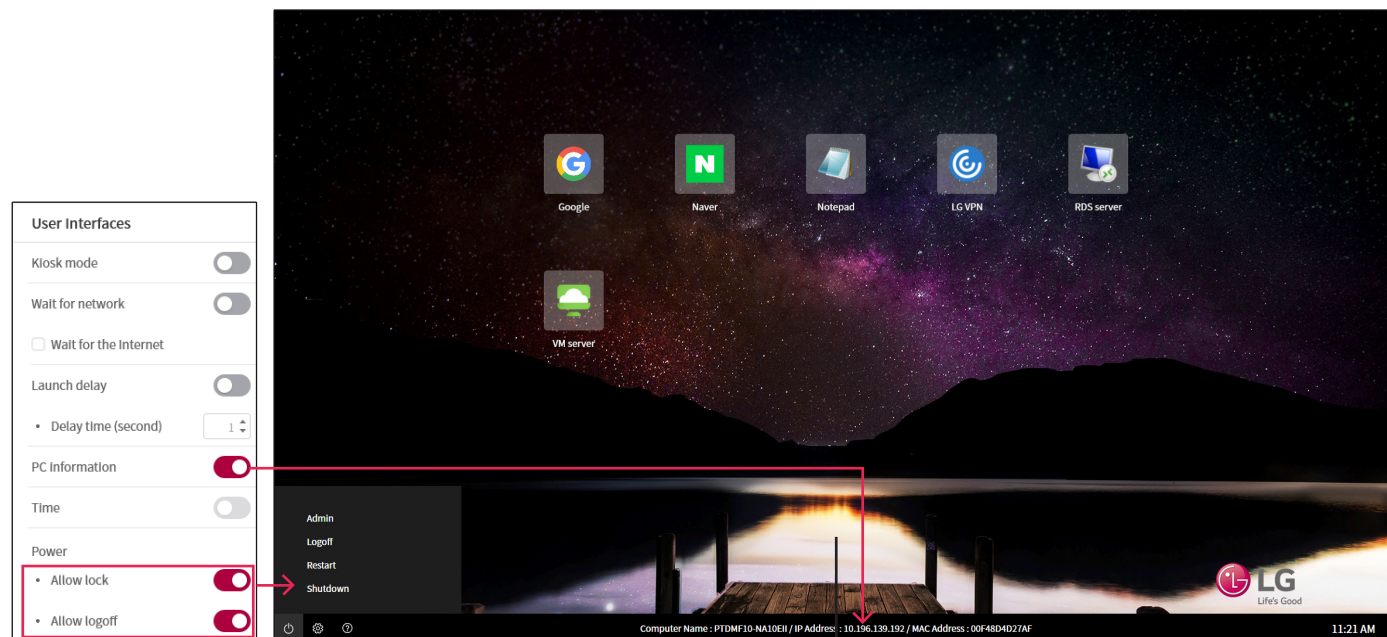
For MS RDS, [Save] will be activated when you fill in the required [Connection Name] and [Host Name]. The edit menu is divided into [General], [Display], [Local Resources], [Working Environment] and [Advanced].

## Set Preferences

The preferences are divided into the user interface and user settings. The same settings will be applied to the kiosk mode and the desktop mode, but [Time], [Background] and [Display] can be activated only when the kiosk mode is active. The [Power] option is also supported in the kiosk mode only, not in the desktop mode.




## User Interface

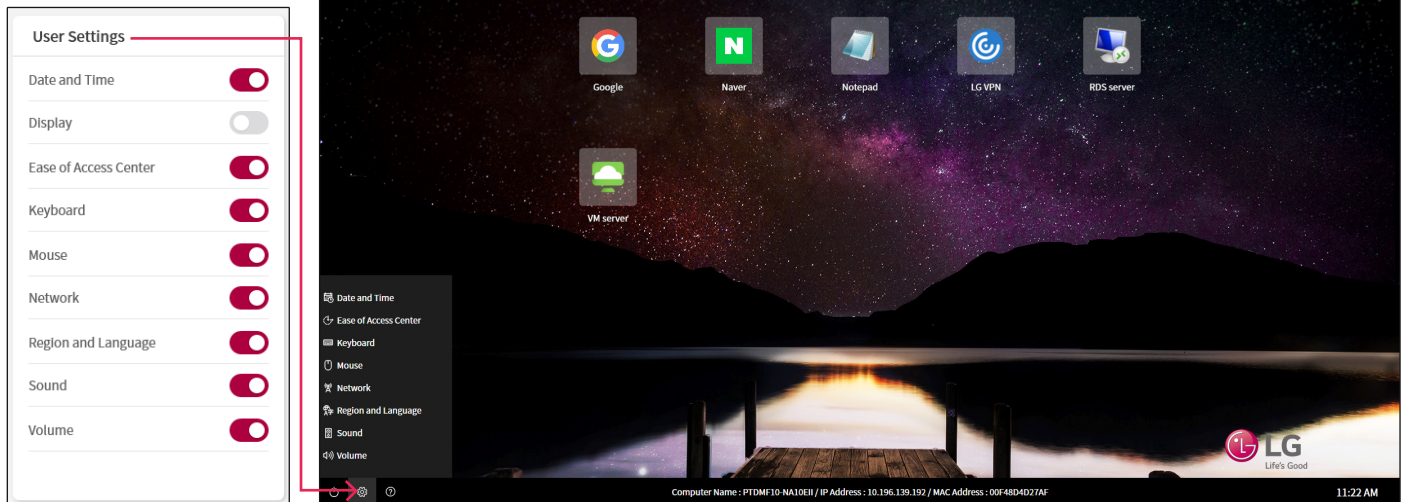



The [User Interface] item set in the administrator mode has the following functions:

- [Kiosk Mode]: When activated, runs LG Cloud Launcher in the kiosk style as the default shell when the user logs in to a user account. When the mode is deactivated, Windows will be registered and executed as the default shell, and LG Cloud Launcher must be manually executed. When [Kiosk Mode] is deactivated, [Time], [Background] and [Display] will also be disabled.
- Note: When Unified Write Filter is active, activation of [Kiosk Mode] cannot be changed.
- [Verify Network Usage]: Before running a website, Citrix StoreFront, VMware Horizon View, or RDS in the kiosk mode or the desktop mode, test whether a network connection is available, and then execute the connection only when a network connection is available (the test is not required for applications).
- [Verify Internet Usage]: You can activate [Verify Internet Usage] only when [Verify Network Usage] is enabled. Before running a website, Citrix StoreFront, VMware Horizon View, or RDS in the kiosk mode or the desktop mode, test whether a network connection is available, and then execute the connection only when the Internet is available. (The test is not required for applications.) If <http://www.msftconnectiontest.com/connecttext.txt> is registered as an untrusted site or if access is prohibited, [Verify Internet Usage] may not work properly.
- [Waiting for Connection]: When this function is activated, the system waits for the configured waiting time before executing a website, Citrix StoreFront, VMware Horizon View, or RDS in the kiosk mode or the desktop mode, and then executes the connection.
- [Waiting Time (sec)]: You can set this item only when [Waiting for Connection] is enabled. The waiting time is in seconds and can be set between 1 and 60 seconds.
- [PC Info]: You can decide whether to display the computer name, IP address or MAC address of the device currently in use. When this function is activated, such information can be found in the lower half of the main window in the kiosk mode and the desktop mode. (Even when it is deactivated, you can see the above information by clicking [?] at the bottom left of the kiosk mode.)
- [Time]: You can decide whether to display the current time at the bottom right of the main window. Time will be displayed in hours and minutes, and the format will be displayed in a format set in [Control Panel] > [Clock, Language and Regional Options] > [Country or Region] > [Format] in Windows. (If [Format] of Windows is changed while LG Cloud Launcher is running in the kiosk mode or the desktop mode, the format of [Time] will change after rebooting.)

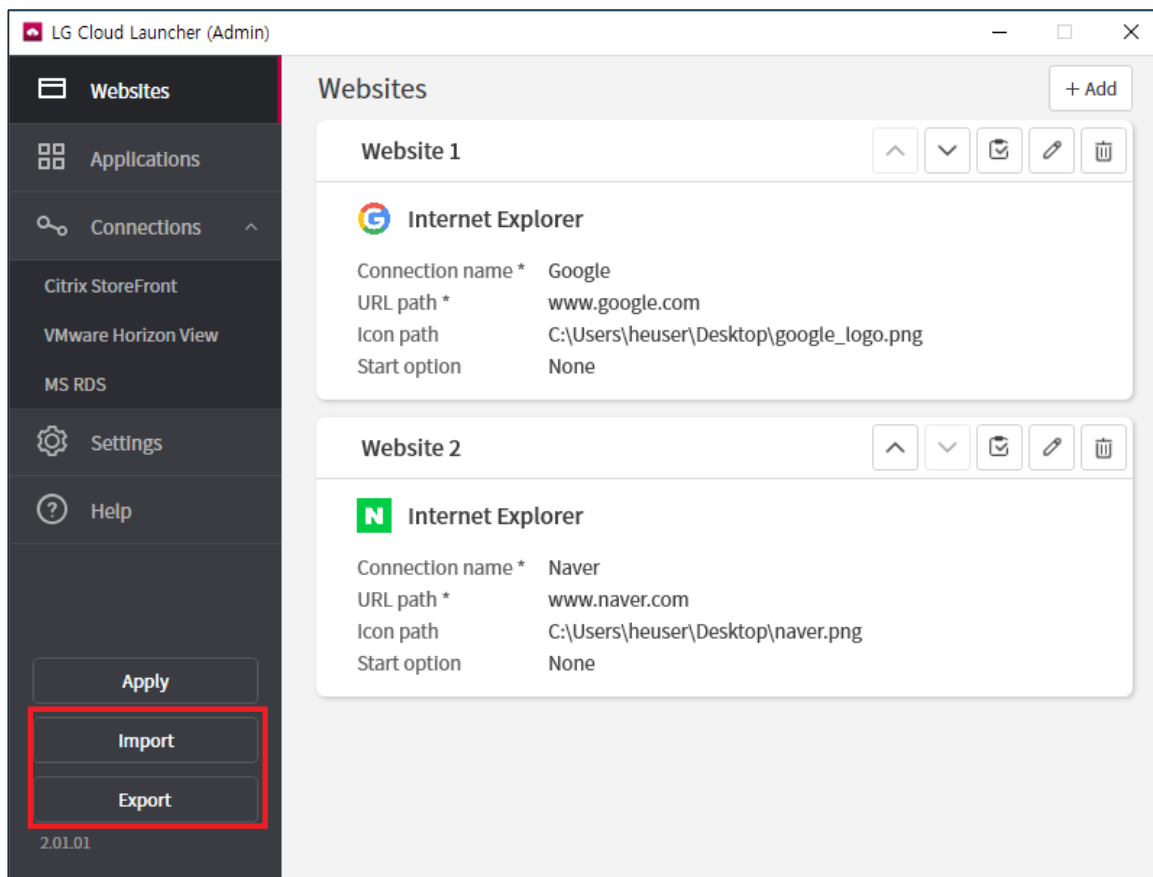
- [Power]: You can decide whether to display one of the options to lock, logoff, restart, or shutdown, and you can check the changes by clicking [  ] at the bottom left of the main window in the kiosk mode and the desktop mode.
- [Background]: You can set the background screen of the main window in the kiosk mode. When this function is deactivated, the background screen of the kiosk window displays LG's default image, and when it is activated, you can select the image of your choice. If no image is selected while this function is activated, LG's default image as shown in the figure will be set as the background. If you want to select a specific image as a background, you must move such an image to the path where LG Cloud Launcher's executable file is located. (Path: C:\Program Files (x86)\LG Software\LG Cloud Launcher)  
- Note: If the user does not have read access to the set background image, changing the background may not be available.

## User Settings



You can select whether to display the control panel setting functions that appear when you click [  ] in the kiosk mode and the desktop mode through the [User Settings] item set in the administrator mode.

# Import and Export



## Import

When you click [Import], you can import the configuration file in the JSON format, and if there is a missing value, it will be replaced with the default value to be displayed and the file is executed accordingly.


## Export

When you click [Export], you can select the location to save the file, and the configuration file for the currently set values will be saved in the JSON format. If necessary, you can upload such a configuration file to LG Cloud Device Manager to distribute to other devices.


## Auto Scaling

The Windows 10 Auto Scaling feature for user's convenience may partially blur the screen or display some icons and texts larger.

Refer to the following information to change the DPI scaling to suit your needs.

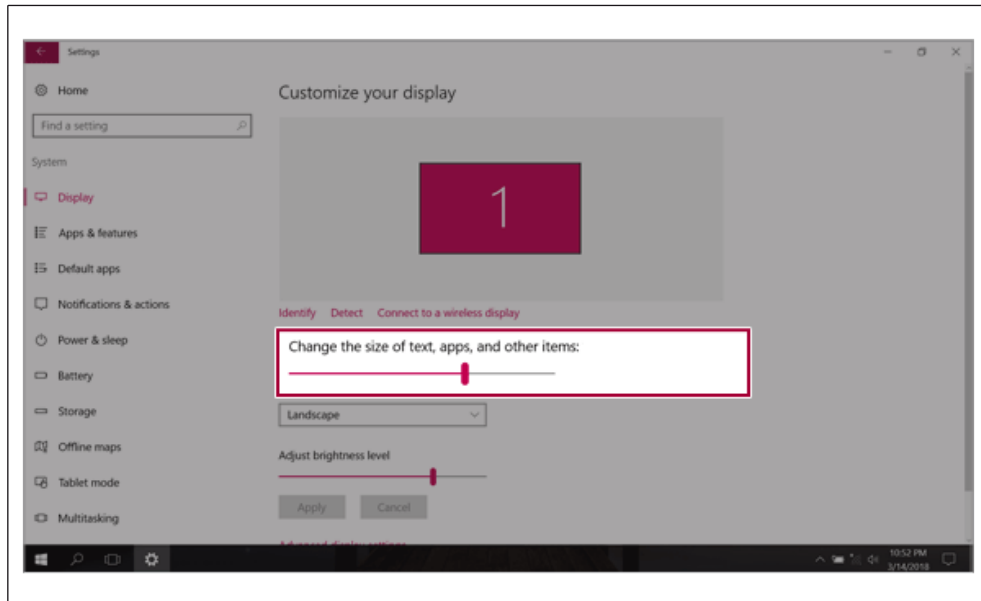
- 1 Press the  button and select the [Settings] menu.

### Tip TIP

- Press the  key or [Ctrl] + [Esc] to display the Start menu.

- 2 Select [System] [Display].

- 3 Modify the [Change the size of text, apps, and other items] value to change the Auto Scaling settings.



### Tip TIP

- After changing the auto scaling settings, it is recommended that you click [Sign out now] and log on to Windows again.

