LSPrint Getting Started Guide and Quick Configuration

Welcome to LSPrint - https://lsapp.ca/lsprint.

Once you are through with the following guide, all your Lightspeed eCom orders will print out automatically on your Star Micro mC-Print2 or mC-Print3 thermal printer like magic. You should be done with the whole setup in less than 30 minutes.

Check your requirements:

1. A Lightspeed eCom account which you can access with an administrator role.
2. To use LSPrint with your Lightspeed eCom account, you must have an Advanced or Professional Lightspeed account.
3. One of the following two thermal printer models:
   a. Star Micro printer mC-Print2
   b. Star Micro printer mC-Print3
4. A LAN connection for the printer
5. A thermal paper roll loaded into your printer
6. Your store logo if you'd like to have it printed on your receipts

Registration & Login Process

Visit LSPrint at
https://lsapp.ca/lsprint
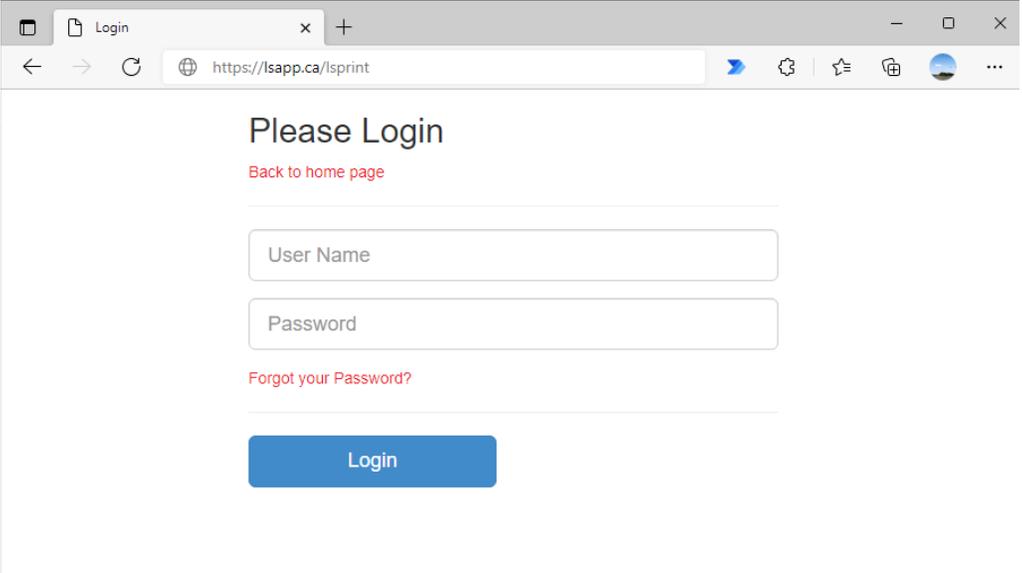
If you have an existing account, login now and skip ahead to section # 5 of the Registration & Login Process

If you do not have an account, click on "Back to home page" and proceed with registration:

2

Please Login

Back to home page

Click here to proceed to the registration page

User Name

Password

Forgot your Password?

Login

Fill the registration form below and make sure to enter your real email address because you will have to validate your account before you can login for the first time. Also, please choose a strong password:

3

Please Sign Up

Already a member? Login

User Name

Email Address

Password   Confirm Password

Register

Please Sign Up

Already a member? Login

Check your email for an activation link.

Registration successful, please check your email to activate your account.

User Name

Email Address

Password   Confirm Password

Register

The email will come from no-reply@lsapp.ca with a subject of "Registration Confirmation":

4

Read Email

Delete | Mark as Read ▼ | Print | Remove Attachments | Deny Sender | Report Spam

Mail headers   View raw message   View all headers

From
no-reply@lsapp.ca

To
info@lsapp.ca

Date
31/12/2021 10:29

Subject
Registration Confirmation

Click on your unique activation link to continue.

Message contents   View as text

Thank you for registering at LSApp.

To activate your account, please click on this link: http://lsapp.ca/lsprint/loginregister/activate.php?x=35&y=ecdd4fe116a1d6529e74f202cc9a7b37

Thanks!

Once you click on the link to activate your account, you will see the following screen and can proceed with login in:

5

Login   https://lsapp.ca/lsprint/loginregister/login.php?action=active

Please Login

Back to home page

Your account is now active you may now log in.

User Name

Password

Forgot your Password?
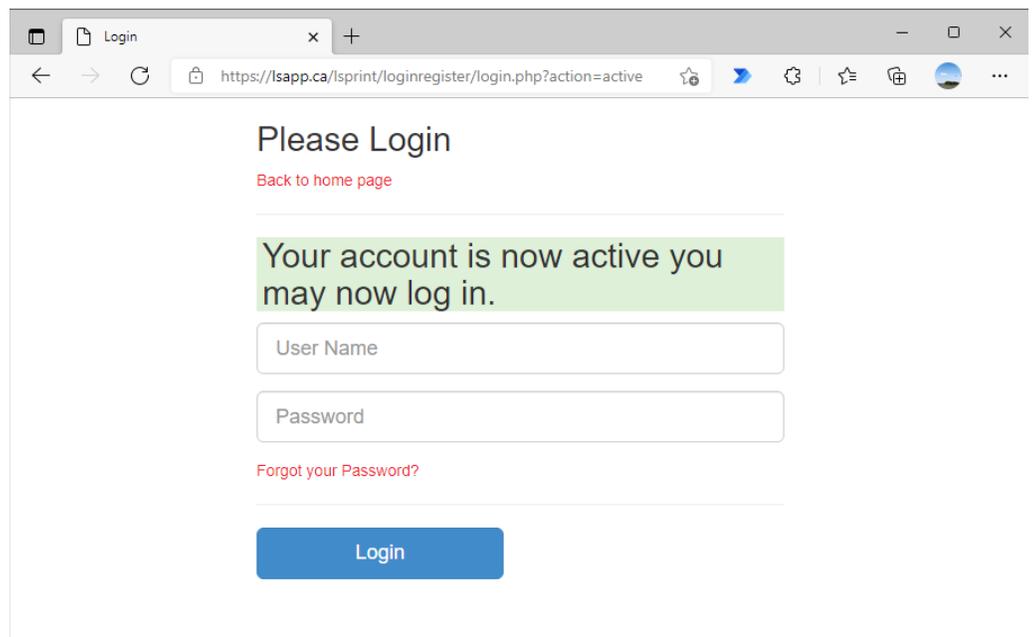
Login

Overview of LSPrint Dashboard

Once you login, you will be sent to your LSPrint Dashboard (or home page) and you can start the basic configuration to get your printer going:

1. **Account Type**: Change things like payment method, reset your password and other account-related operations
2. **Lightspeed Shop ID**: Set your Lightspeed Shop ID to link your Lightspeed eCom Store to your LSPrint account. *This is an important setting* and will allow LSPrint to store your eCom orders and print them to your thermal printer as they come in through your eCom store.
3. **Current Active Printer**: Use this page to see all printers that have an active connection to your LSPrint account. By default, you will see no printers in your LSPrint account until you setup your printer accordingly (more on that further down in the instructions)
4. **Print Jobs**: This is your print queue and will show you all order that have been placed by your clients on your eCom store.
5. **Timezone**: By default, your time zone will be UTC. Change your time zone so you can see proper times in the print queue and on your printed receipts.
6. **Company Logo**: This is optional and allows you to upload your company or store logo to LSPrint so it shows on your printed receipts.
7. **Lightspeed API/Webhook**: *This is an important setting* and is what will allow Lightspeed eCom to send each order placed on your eCom store to LSPrint
8. **Print Job Counts**: Shows you how many print jobs (or eCom orders) have printed and how many are waiting to be printed.
9. **CloudPRNT Link**: *This is an important setting* and is the URL that you will copy in your printer's configuration (more ton that further down in the instructions)

Setup Process - Step 1: Lightspeed Shop ID

Before your thermal printer can start printing your orders automatically, you need to configure a few things…

The first is to find your Lightspeed eCom Shop ID and copy that number into your LSPrint account.

You can find your Shop ID by visiting your Lightspeed eCom's Admin page. This is usually your eCom's web address followed by a "/admin" for example: https://myecomstore.com/admin (replace "myecomstore.com" with your eCom store's address)

From any page in eCom Admin, click on the Help button at the bottom left and you will see your "Store ID". Copy this number.

Go back to LS Print and either click on the gear icon next to "Lightspeed Shop ID" on your Dashboard page or use the "Settings" menu in the top navbar to go to the "Lightspeed Shop ID" page. Here, you will have to enter your own Lightspeed Shop ID.

Paste your Lightspeed Shop ID that you found in the previous step, in your LSPrint "New Shop ID" field and then click on "Save"

Setup Process - Step 2: Lightspeed API

While still logged in to your Lightspeed eCom Admin page, we will be creating the API key and secret that will be used to generate the trigger that will send every order from your eCom store to LSPrint. This is a crutial part of LSPrint and it is essential to the system because it will not work without it.

From your Lightspeed eCom's Admin page:

1. Click on "Settings" at the bottom left of the screen
2. Then, click on "Developers" under the "Store Settings" section
3. In the next page, click on the blue "New API key" button
4. In the popop, enter a title for your new API key. You can use "LSPrint" as an example
5. Click on the green "Save" button

   [... continued on next page]
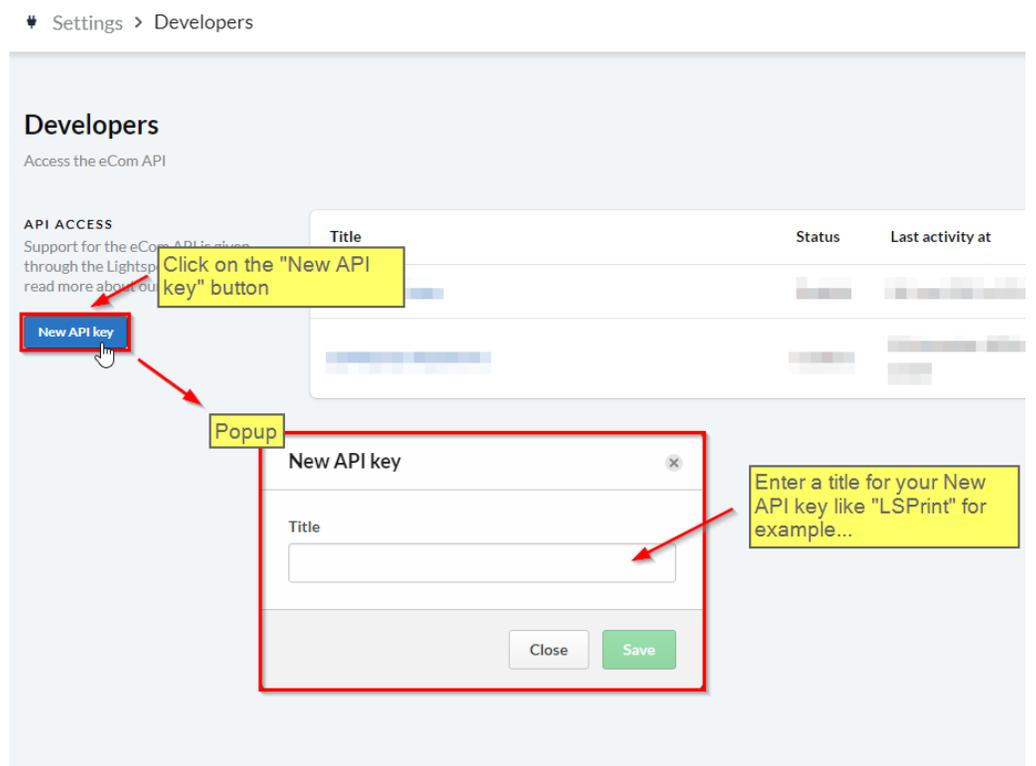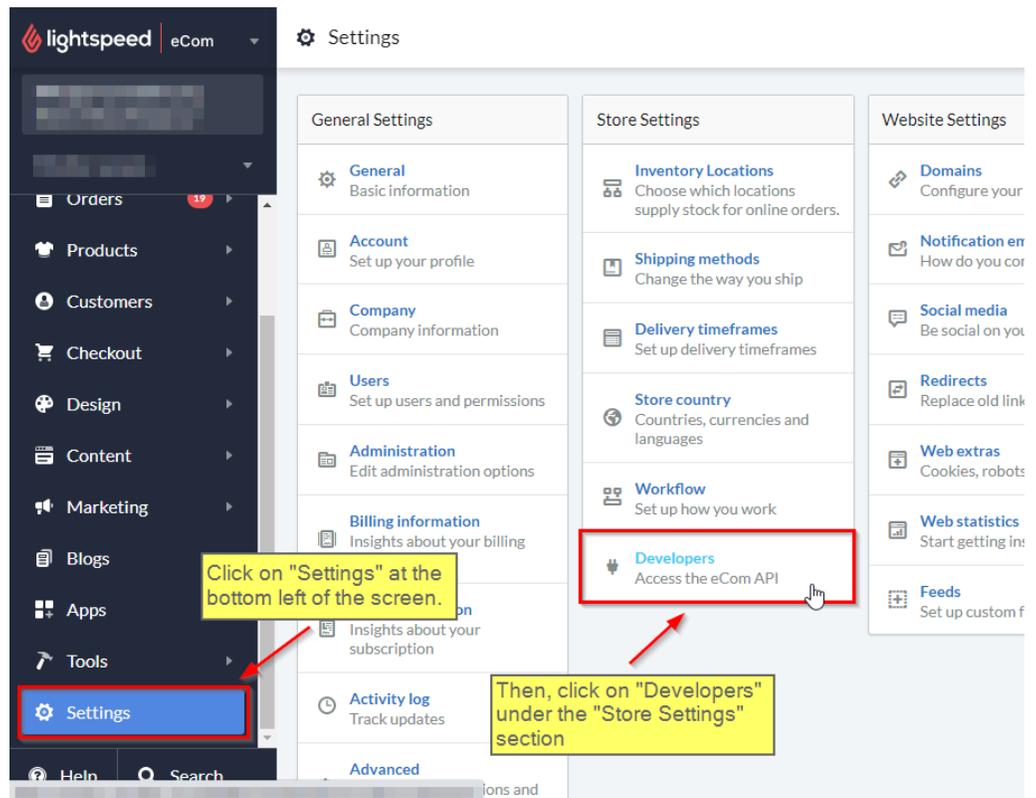
6. In the next page, start by activating the "Enable this API key" trigger by ensuring it has a checkmark in it.
7. In the list of "Permissions", only one checkmark is required on "Orders" in the "Read" column.
8. Click on the blue "Save" button at the top right.
9. Now, scroll all the way down on that same page and you will find your "API Key" and "API Secret"

You'll need to copy both (your "API Key" AND your "API Secret") and paste them in your LSPrint configuration.

Developers > LSPrint

Once the API key is enabled, click on the "Save" button.

‹ Developers

LSPrint
Last activity at: 30 November 2021 at 23:35

Save

Activate this button to enable the new API key

SETTINGS
The permissions you choose here will grant full access to the selected sections in your eCom store. Please be cautious when sharing this API key with third parties.

Enable this API key

Title

LSPrint

Permissions

	Read	Write
Content	☐ Read	☐ Write
Products ⓘ	☐ Read	Write
Customers	☐ Read	☐ Write
Orders	☑ Read	☐ Write
Settings	☐ Read	☐ Write
Tracking	☐ Read	☐ Write

This is the only box you need to check

⊘ Help

Developers > LSPrint

	Read	Write
Settings	☐ Read	☐ Write
Tracking	☐ Read	☐ Write

DETAILS

LAST 5 MIN	0 of 300	LAST 1 HOUR	0 of 3,000	LAST 1 DAY	0 of 12,000

API Key:

0a133 ▓▓▓▓▓▓▓ 130300

Scroll all the way down and click on the "Show" button

API Secret:

▓▓▓▓▓

Show

Copy and Paste your API Key and your API Secret into your LSPrint account.

Created at:
30 November 2021 at 23:35

Last activity at:
30 November 2021 at 23:35

⊘ Help

Paste your Lightspeed API Key and API Secret into your LSPrint configuration page.

Access the API configuration page by clicking on the "Settings" menu item in the top navigation bar and by clicking on "Lightspeed API/Webhook":
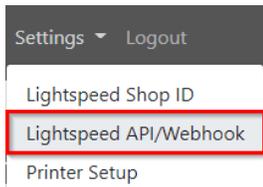
Then, enter your API key and your API secret EXACTLY as shown in your Lightspeed eCom Admin page from the previous step.

Save your changes.
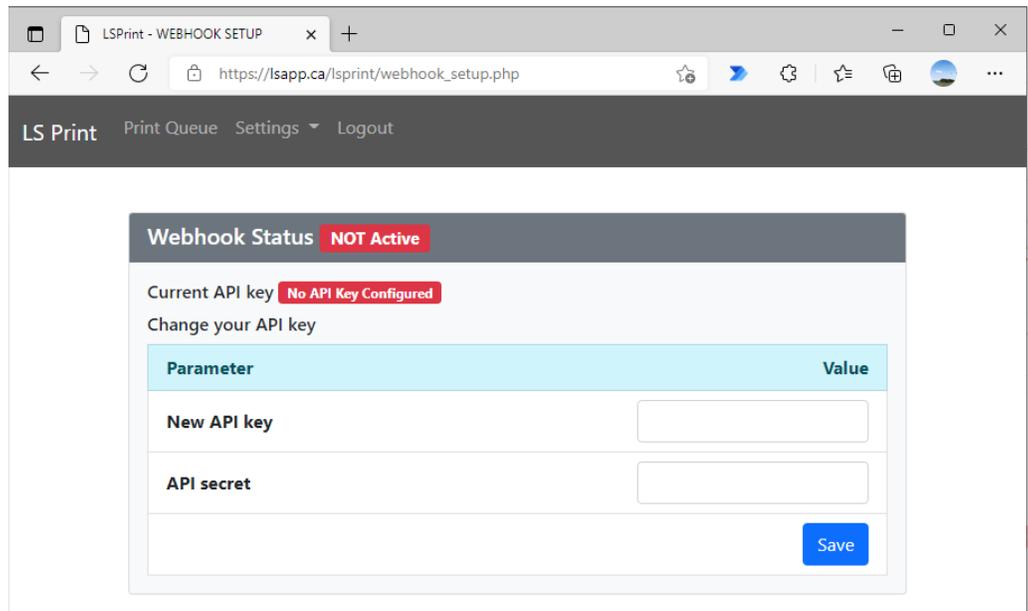
Setup Process - Step 3: Printer Configuration

Now that your Lightspeed eCom account is connected to your LSPrint account, it is time to connect your thermal printer to your LSPrint account.

First, please confirm you have either a Star Micro printer mC-Print2 or a Star Micro printer mC-Print3. No other printer will work with LSPrint.

Connect your printer to power and to your network using a LAN cable. Install a paper roll as indicated in the printer's instructions.

Then, turn off the printer by holding the power button for about 1 second.
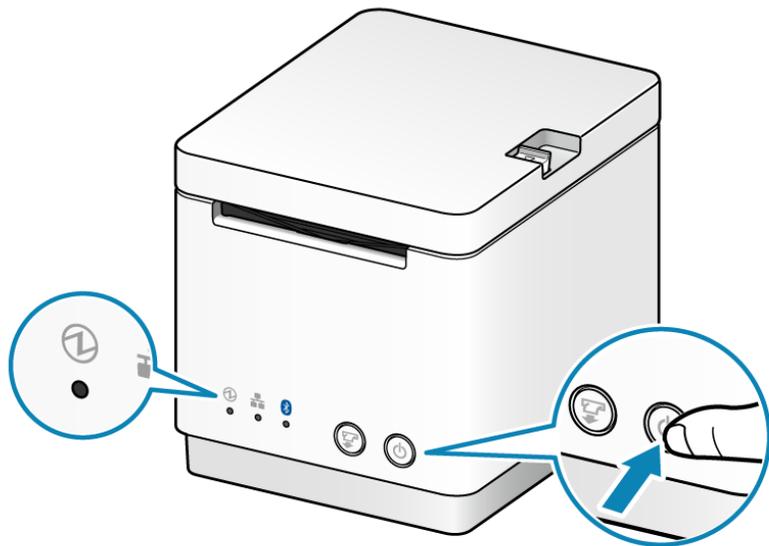
Make sure all the lights on the front panel are OFF.

Next, we will be printing the configuration sheet from your printer which will help you in identifying its IP address so you can connect to its setup environment.

While holding down the FEED button (1), press the POWER button, and release it. Continue holding the FEED button until the printer starts printing.
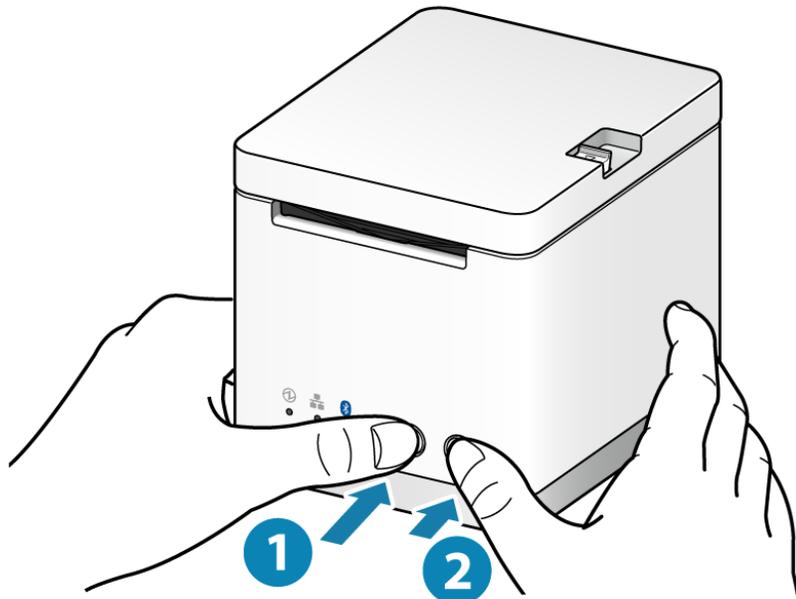
You should get 2 printouts. The second printout will show you the current IP parameters at the very bottom. Look for the "IP Address"


```
*********************************
        Network Configuration
*********************************

MAC Addr(Printer) 00:11 ▓▓▓▓▓▓▓▓

IP Address      : 0.0.0.0
Subnet Mask     : 0.0.0.0
Default Gateway : 0.0.0.0
DHCP            : ENABLE
DHCP Timeout    : ENABLE

DNS 1           : 8.8.8.8
DNS 2           : 8.8.4.4

"user" Login Password    : "guest"
"root" Login Password    : "********"
Web Refresh Time (Sec.)  : 5
9100 Multi Session       : DISABLE
9100 Data Timeout (Sec.) : 0
Disconnect Message       : DISABLE

<< SSL/TLS >>
Certificate              : Self-Signed
Self-Signed Certificate  : Not exist
CA-Signed Certificate    : Not exist

<< Star Micronics Cloud >>
Receipt Upload : DISABLE
Retailer       : Not registered
Device Name    : Not registered
Device ID      : Not registered

<< Star CloudPRNT >>
CloudPRNT Service : ENABLE
Poll Interval     : 60 seconds
```

Look for the IP Address at the bottom of the second paper that prints out

```
*********************************
      Current IP Parameters Status
*********************************
IP Address      : 10.0.0.3
                  (DHCP)
Subnet Mask     : 255.255.255.0
Default Gateway : 10.0.0.1
```

Connect to your printer's setup environment.

Using the paper that printed in the last step, identify the IP address of your printer and open a browser window (Google Chrome, Firefox, Edge, etc.) and navigate to that address. For example, if the printer address is 192.168.1.5, then enter that in the address bar at the top of the browser window and hit the ENTER key on your keyboard.
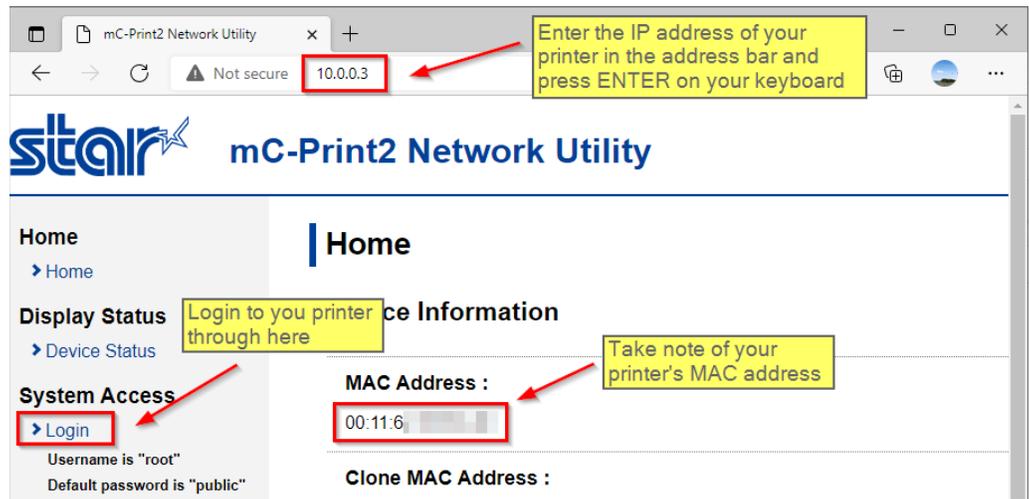
Please note that the default username and password for your printer is "root" and "public".

Once you are connected to your printer's setup environment, do the following:

1. Click on the "CloudPRNT" link in the left navigation menu
2. Change the "CloudPRNT" setting to "ENABLE"
3. Enter your LSPrint CloudPRNT URL as found on your LSPrint Dashboard (*see above section called Overview of LSPrint Dashboard, item 9*) in the "Server URL"
4. Leave the "Polling time" to 60
5. Click on the blue "submit" button
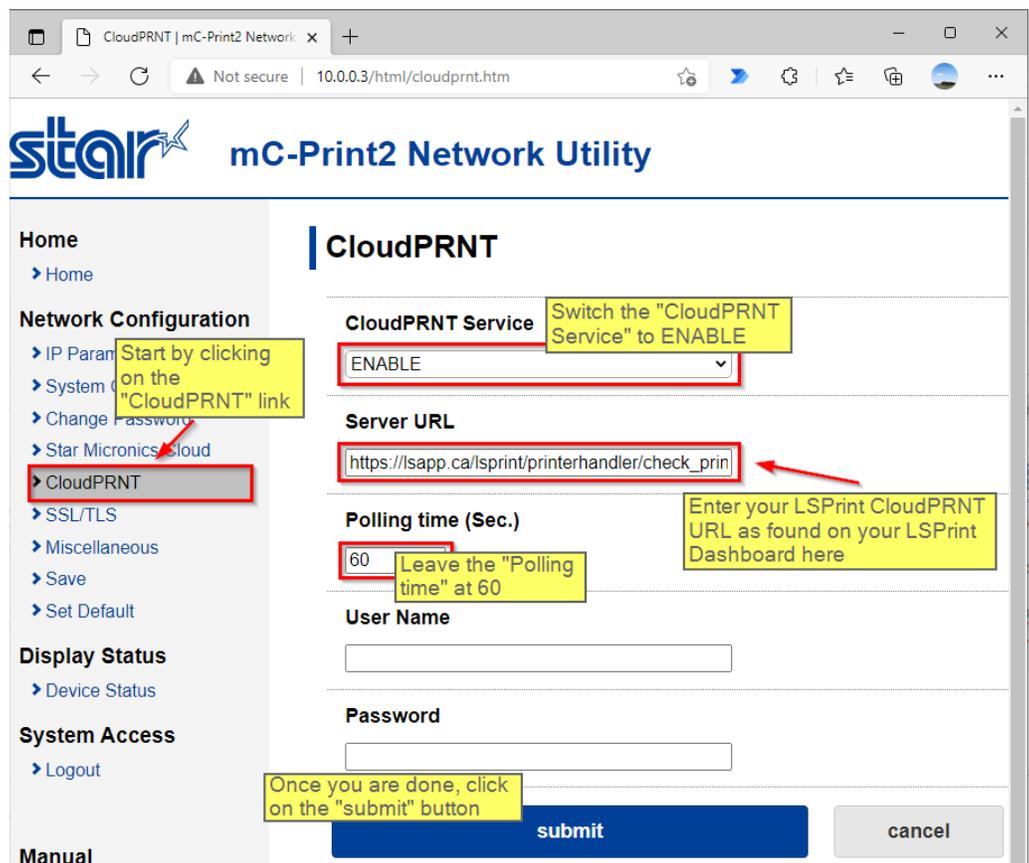
The next two steps are meant to confirm and to save the settings into your printer's memory.

First, you will see a bliking red Save link on the left. Please validate that the information entered is accurate, especially the "Server URL".

Once you are satisfied it is okay, click on the red Save link on the left.

On the next screen, you can select the second option called " Save -> Restart device" and then click on the blue "Execute" button to commit the change to your printer's memory.

Wait a few seconds for your printer to restart.

Setup Process - Step 4: Activate Printer

I you configured your printer properly in "Step 3", then after a few seconds, your printer will communicate with your LSPrint account and send along some information about itself.

Log back into your LSPrint account and click on the "Setting" menu in the top navication bar and then click on "Printer Setup":
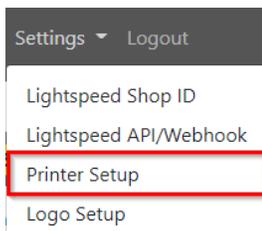
Make sure the MAC address matches your printer's MAC address as noted in Step 3, section 4 above.

If everything matches, click on the green "Authorize Printer" button and your Lightspeed eCom orders will start printing as soon as they come through.

Setup Process - Step 5: Other Settings

At this point, you have successfully setup everything needed for your orders to print.

You can now **change your Timezone** so you can see the proper times in your Print Queue and on your receipts.
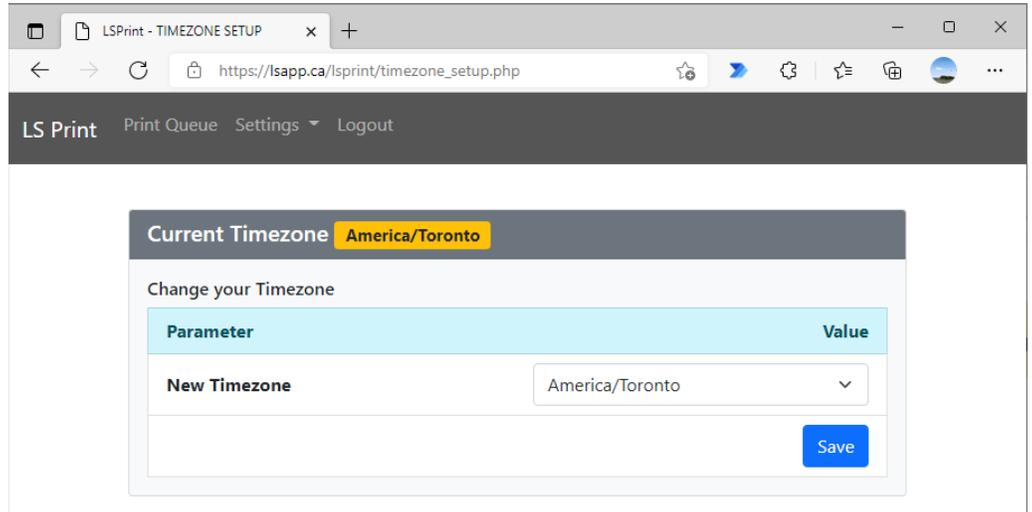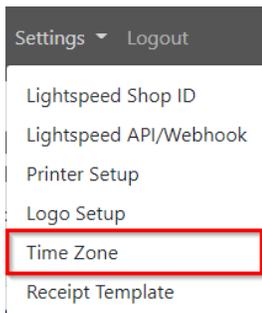
You can also **upload your store or company logo** so it prints on each of your receipt.
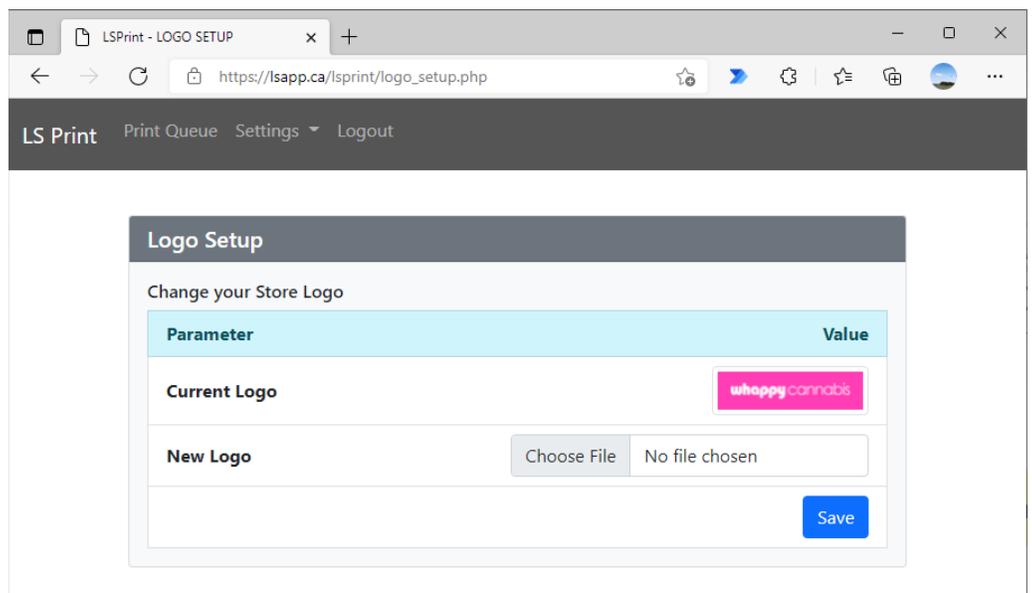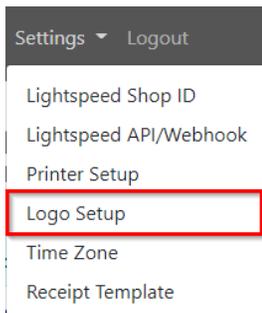
Finnally, you **can adjust the print template** and reorder the printable sections or remove some that you wish do not print.

Please note that this feature works best on a computer and might not work at all if you are using a mobile device.