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# Installing a Network Zebra Printer on a Mac

Article ID:000019418 • June 8, 2024

This article describes the steps to install a network Zebra printer on a device running MacOS.

## Issue / Question

How do I install a network Zebra Printer on my Mac device?

## Applicable To

Zebra Printers on a MacOS environment

## Resolution / Answer



**IMPORTANT!** Using CUPS Driver

- **Recommendation:** Zebra recommends using the CUPS driver for MacOS operating systems.
- **Pre-installed Driver:** The CUPS driver comes pre-installed on MacOS devices. Therefore, you do not need to download and install a separate driver for Zebra printers on MacOS
- *Zebra Mac OS X drivers are available for **selected Zebra Card Printer models**. [List of ID Card Printers with Mac Drivers \(/s/article/000013605\)](/s/article/000013605).*

**CUPS** (Common UNIX Printing System) is a network printing system that enables MacOS devices to connect to various printers on a network, including Zebra printers.

To add Zebra printers to your Mac using the CUPS web interface, follow these steps:

1. **Check the CUPS web interface:**

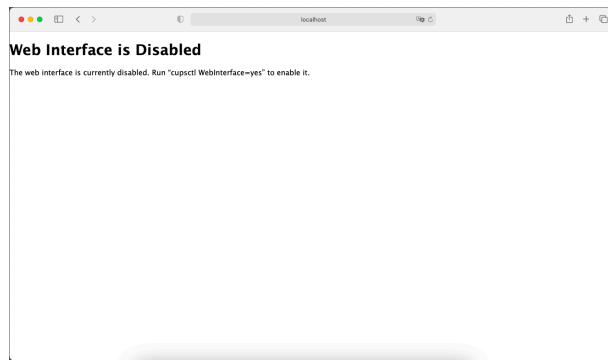
- Open your web browser and navigate to <http://localhost:631/printers/>.

2. **Enable CUPS if disabled:**

- If you see the message "*Web Interface is Disabled*," CUPS is currently disabled on your Mac.

3. **Enabling the CUPS web interface:**

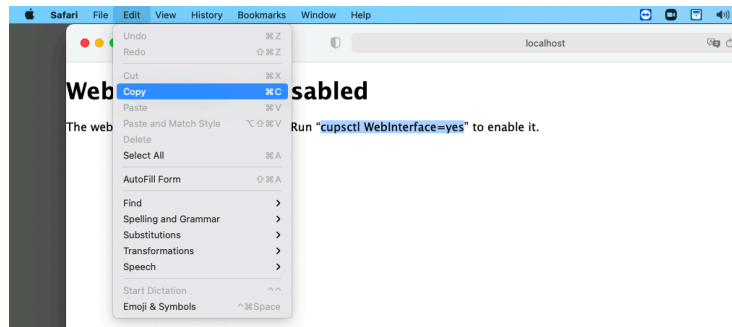
- Follow the instructions in the next section titled [Enable the CUPS Web Interface](#). to enable CUPS and proceed with adding your Zebra printers.
- By following these steps, you can ensure your Zebra printers are accessible on your network via your MacOS device.



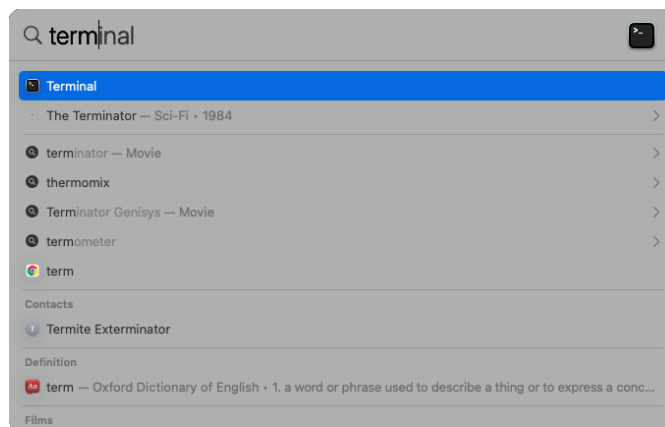
- If your CUPS web interface is enabled, navigate to [Add a Wi-Fi/Network Printer](#).
- If you want to add a Zebra printer connected via USB, refer to: [Install CUPS Driver for Zebra Printer in Mac OS \(/s/article/Install-CUPS-driver-for-Zebra-Printer-in-Mac-OS\)](#).

### Enable the CUPS Web Interface

1. Select and copy the `cupsctl WebInterface=yes` command from the page.



2. Click the **magnifying glass** icon in the top right-hand corner of your screen and search for **Terminal**.

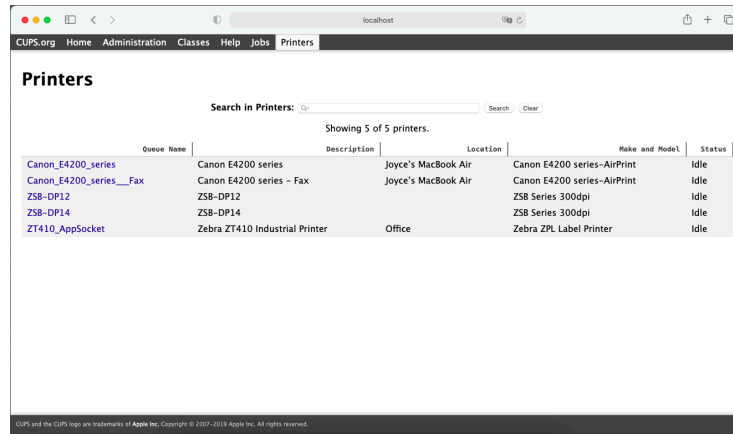


Double-click the first search result to open the **Terminal** app.

3. In the **Terminal** app, paste the command `cupsctl WebInterface=yes` and press **Enter**.



- If you go to <http://localhost:631/printers/> (<http://localhost:631/printers/>) you will see the CUPS web interface enabled and a list of your installed printers.



The screenshot shows the CUPS web interface at localhost. The page title is "Printers". There is a search bar and a "Showing 5 of 5 printers." indicator. Below is a table with columns: Queue Name, Description, Location, Make and Model, and Status.

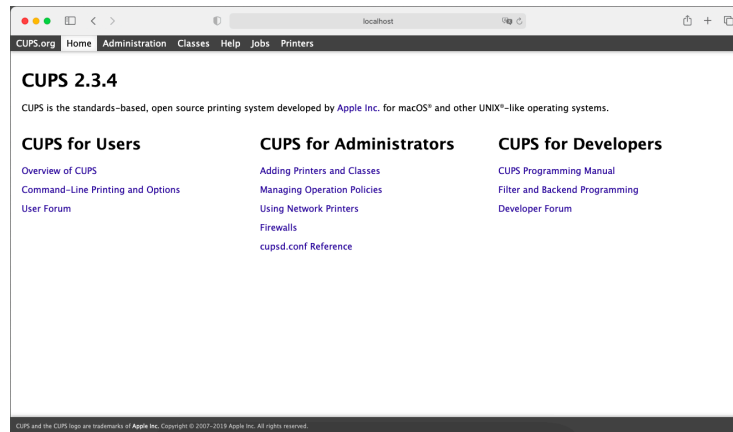
Queue Name	Description	Location	Make and Model	Status
Canon_E4200_series	Canon E4200 series	Joyce's MacBook Air	Canon E4200 series-AirPrint	Idle
Canon_E4200_series__Fax	Canon E4200 series - Fax	Joyce's MacBook Air	Canon E4200 series-AirPrint	Idle
Z58-DP12	Z58-DP12	Joyce's MacBook Air	Z58 Series 300dpi	Idle
Z58-DP14	Z58-DP14	Joyce's MacBook Air	Z58 Series 300dpi	Idle
ZT410_AppSocket	Zebra ZT410 Industrial Printer	Office	Zebra ZPL Label Printer	Idle

#### Add a Wi-Fi or Network Printer

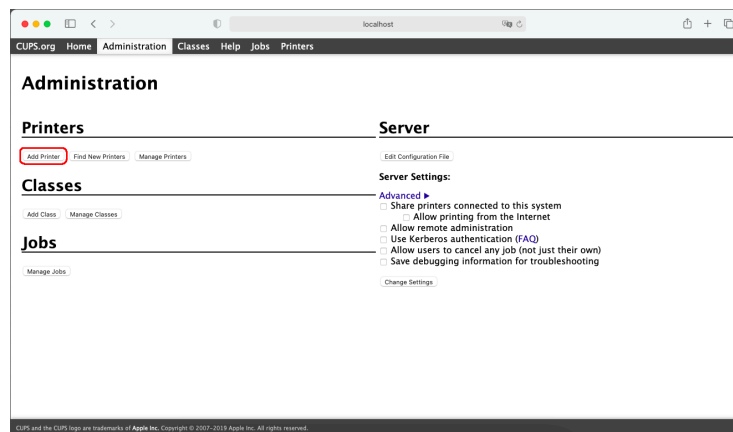


**NOTE** Before you start, ensure that **your Mac and a printer** are connected to the **same Wi-Fi network**.

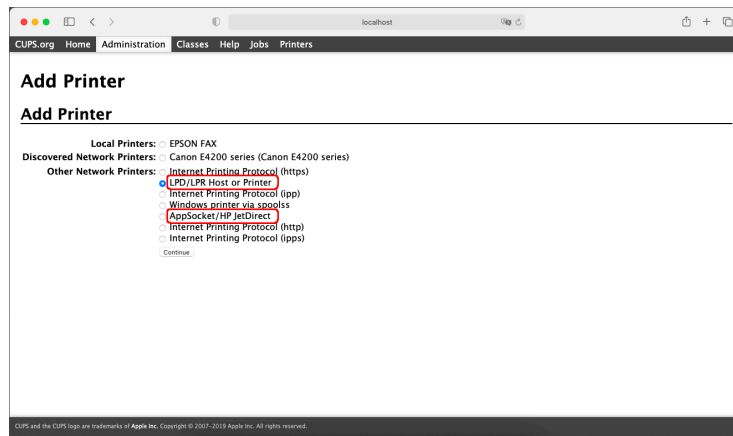
- Open a web browser on your Mac and go to <http://localhost:631/> (<http://localhost:631/>)



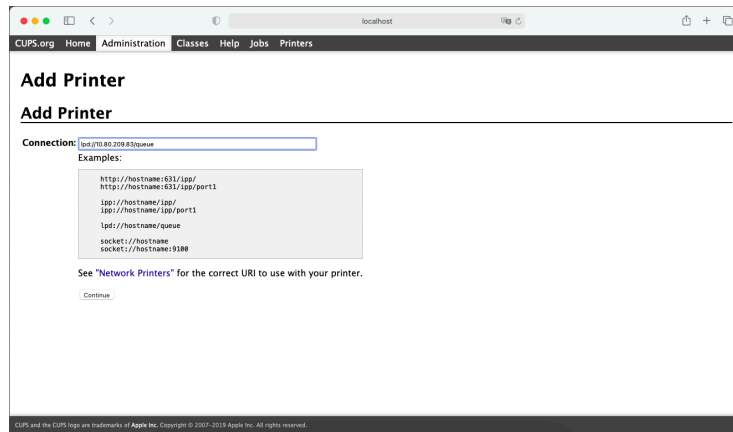
- Click the **Administrator** tab and then click **Add Printer**. You may be prompted to enter the name and password of an administrator to verify that you are a user with administrator privileges.



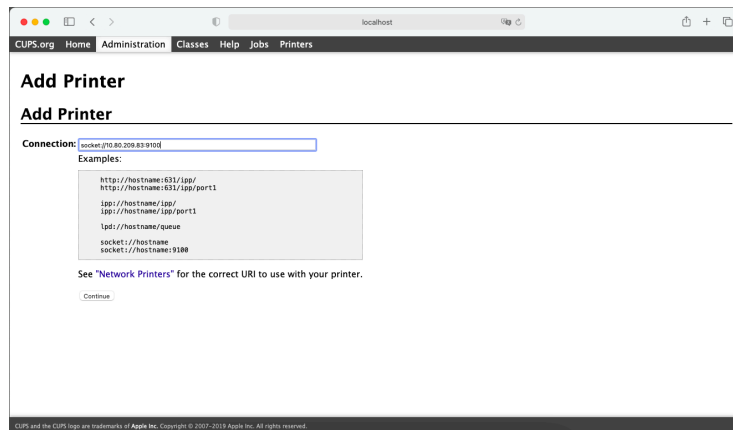
- In the *Add Printer* window, choose either **LPD / LPR Host or Printer** or **AppSocket / HP JetDirect** and click **Continue**.



4. If you have selected **LPD / LPR Host or Printer**, enter `lpd://<hostname>/queue` in the **Connection** text box; where `<hostname>` is the **IP address** of the printer you wish to connect to.

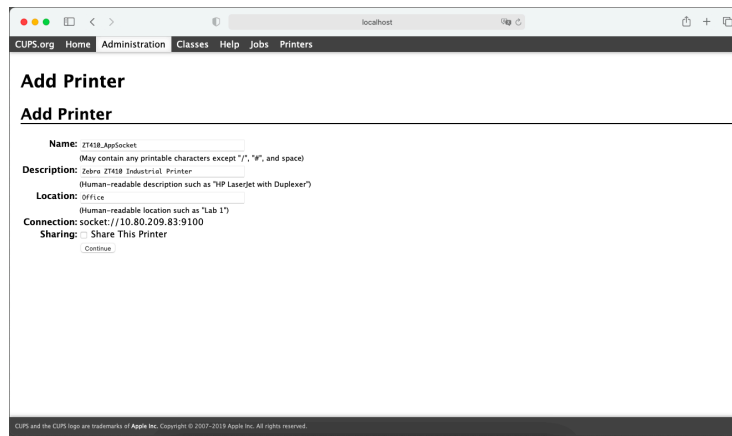


- If you have selected **AppSocket / HP JetDirect**, enter `socket://<hostname>:9100` in the **Connection** text box; where `<hostname>` is the **IP address** of the printer you wish to connect to.

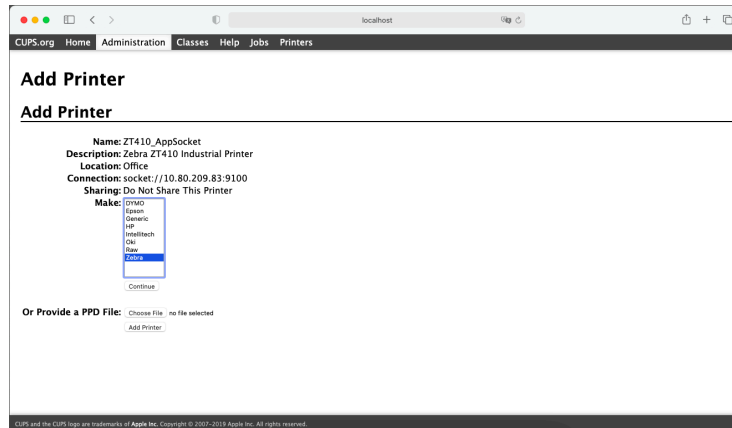


**NOTE** If your printer does not have an LCD control panel, read this article to identify your printer's IP address: [Identifying Your Printer's IP Address on a Printer without an LCD Control Panel](https://www.cups.org/doc/identifying-your-printer-s-ip-address-on-a-printer-without-an-lcd-control-panel.html) ([/s/article/Identifying-Your-Printer-s-IP-Address-on-a-Printer-Without-an-LCD-Control-Panel](https://www.cups.org/doc/identifying-your-printer-s-ip-address-on-a-printer-without-an-lcd-control-panel.html)).

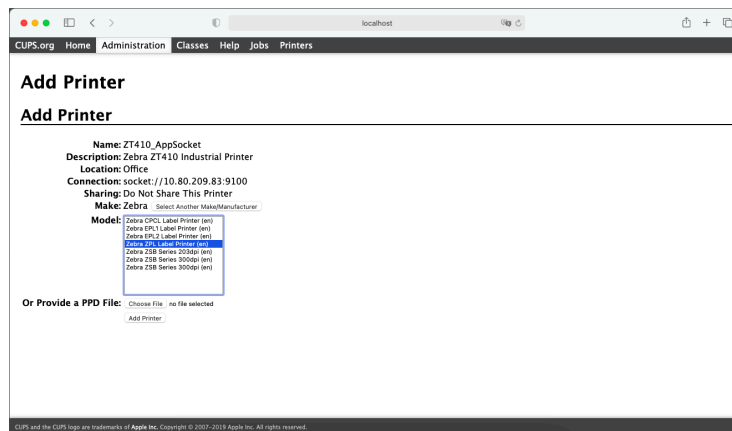
5. Enter your printer's details (name, description, and location) as desired and click **Continue**.



6. Next, select **Zebra** in the *Make* drop-down list and click **Continue**.

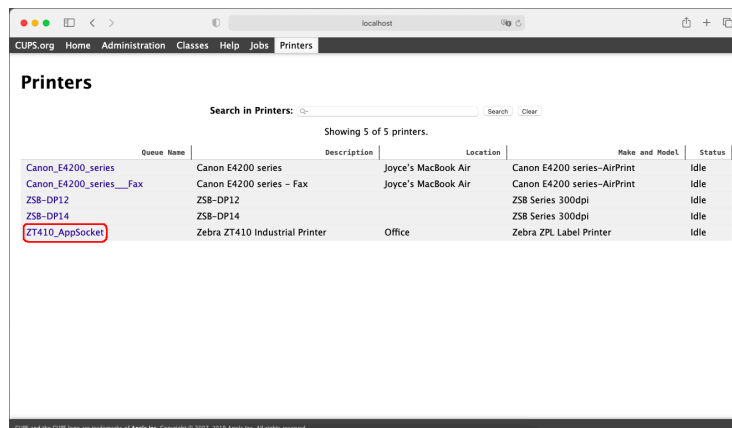


7. Finally, select **Zebra ZPL Label Printer** in the *Model* drop-down list and click **Add Printer**.

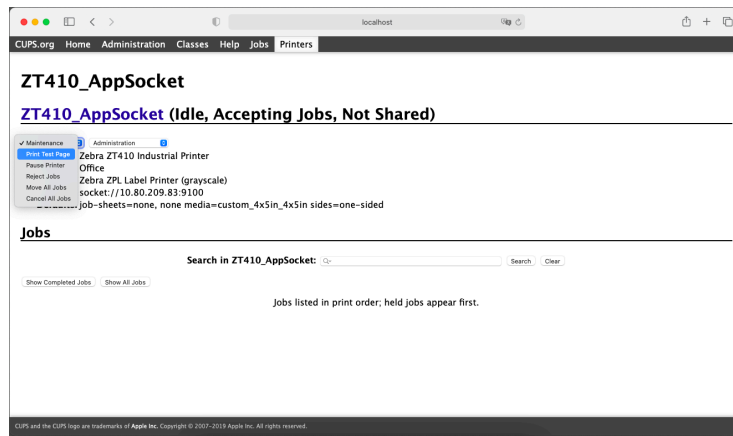


### Print a Test Page

1. Click the **Printer** tab, and click your printer's name.



2. Select **Print Test Page** in the drop-down list to print a test page.



### Helpful Information

- [Install CUPS Driver for Zebra Printer in Mac OS \(/s/article/Install-CUPS-driver-for-Zebra-Printer-in-Mac-OS\)](#)
- [Video: Setup a USB Printer via Pre-installed CUPS Driver on Mac OS X \(/s/article/000020232\)](#)

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