# How to create a PD queue

A **PD queue** is a print queue that exists only in Print Director. It belongs to a PDAgent, usually one on a server, but unlike an ordinary Windows print queue there is no Windows printer, driver or port behind it. It simply receives print jobs, records who sent them, and holds them for release at a printer like any other Print Director queue.

PD queues are listed under **Print Management** > **Print Queue Management** > **PD Queues** in Resource Manager. Windows print queues on PCs and servers are listed separately, under **Installed Queues**.

## When to use a PD queue

- **As the destination for deployed queues.** A Queue Deployment of the type **Forwards to PD queue – jobs wait on the server PDAgent** installs a queue on each PC that sends its jobs to a PD queue on a server. See *How to deploy local queues that will send jobs to the server*.
- **For Macs, iPhones, iPads, Android phones, Chromebooks and Linux.** These can print to a PD queue directly over IPP, using the driver built into the device. With **Advertise on mDNS** ticked, the queue appears in their printer list automatically.
- **For LPR printing to a server.** Queues that send jobs over LPR to a server's PDAgent are matched to the PD queue of the same name on that server.

## Before you start

The PD queue receives jobs through the PDAgent's print services, so check them first:

1. In Resource Manager, click **PD Agents** and double-click the PDAgent that will hold the queue.
2. Open the **Print services** tab. In the **IPP & LPD services** section:
   - tick **Enable IPP** to receive jobs over IPP. The **SSL port** (for example 9633) is used for encrypted IPPS, and **Non SSL** (for example 631) for plain IPP;
   - tick **Enable LPD** if PCs will send jobs to it over LPR (**Port** 515 by default).
3. Click **OK + Refresh** to save and apply the change to the PDAgent straight away.

# Create the PD queue

1. Expand **Print Management** > **Print Queue Management** and click **PD Queues**.
2. Click **Add PD queue** at the bottom of the list. The **New PD queue** window opens.
3. Enter the **Print queue name**. This is the name users see when they add the printer, and the name LPR jobs are matched by. It must be unique among the PD queues on that PDAgent; a Windows queue on the same PDAgent may have the same name.
4. In **Assigned to PDAgent**, choose the PDAgent that will receive the jobs. Click **...** beside it to search the list.
5. Set **Match to Device**: the printer the queue's jobs are recorded against, and whose secure release setting it follows. Click **...** to search for the device. Tick **Matched to Fiery IP address** if jobs should be delivered to a Fiery controller.
6. Set the remaining options (see below).
7. Click **OK + Refresh** to save the queue and refresh the PDAgent straight away, so it can receive jobs immediately. If you click **OK** instead, the PDAgent picks up the new queue the next time it refreshes its settings.

# PD queue settings

| Setting | What it does |
|---|---|
| **Secure release** | **Use matched device setting** holds jobs for release if the matched device uses secure release. **Release jobs immediately (override device setting)** prints them straight away. |
| **Alter to greyscale** | Tick **Change all jobs to black and white** to print every job in black and white. |
| **Alter to duplex** | Tick **Change all jobs to duplex** to print every job double-sided. |
| **IPP Authentication** | How the user is identified when a job arrives over IPP: **Use supplied username** accepts the name the device sends, **Require username and password** asks for the user's Print Director login, and **Require PIN only (ignore password)** asks for the user's PIN. |
| **Force relogin after** | Only available when **IPP Authentication** requires a username and password or a PIN. Tick it to make the device sign in again after the number of seconds set. |
| **Broadcasting** | Tick **Advertise on mDNS** to make the queue appear automatically on Macs, iPhones, iPads, Android phones and other devices on the same network. Available once a device is matched. |
| **Job spool files wait at** | Where held jobs wait for release: on the PDAgent the queue is assigned to (shown as **PDAgent:** and its name, the default), or on the **PDServer**. See *How to store held print jobs on the PDServer*. |

> **Android phones:** Android's built-in **Default Print Service** cannot sign in. To print from Android to a queue that requires a username and password or a PIN, users need the **Mopria Print Service** app, which can.

## Good to know

- A PD queue has no Windows printer, so the PDAgent it is assigned to does not need the printer's driver.
- A PD queue can be moved to another PDAgent later by changing **Assigned to PDAgent**. Nothing has to be reinstalled on that PDAgent's computer.
- A PD queue that a **Forwards to PD queue** deployment sends jobs to cannot be deleted while the deployment uses it. Resource Manager tells you which deployments depend on it.

## Related articles

- *How to deploy local queues that will send jobs to the server*
- *How to manually create a Queue Deployment*
- *How to deliver print jobs securely with IPPS*
- *How to store held print jobs on the PDServer*

Print Director version at time of publish: 2.5.15.3. Publish date: 03/11/2026.