

U2LO81

Print Server



How does print server works?

Print Server

A print server is a central point for organizing print requests from all devices on a network and allocating them to the relevant printers.



Print Server

It smoothly interconnects several PCs to a shared pool of printers by removing the need for separate connections and streamlining the printing process.



Two Types of Print Server

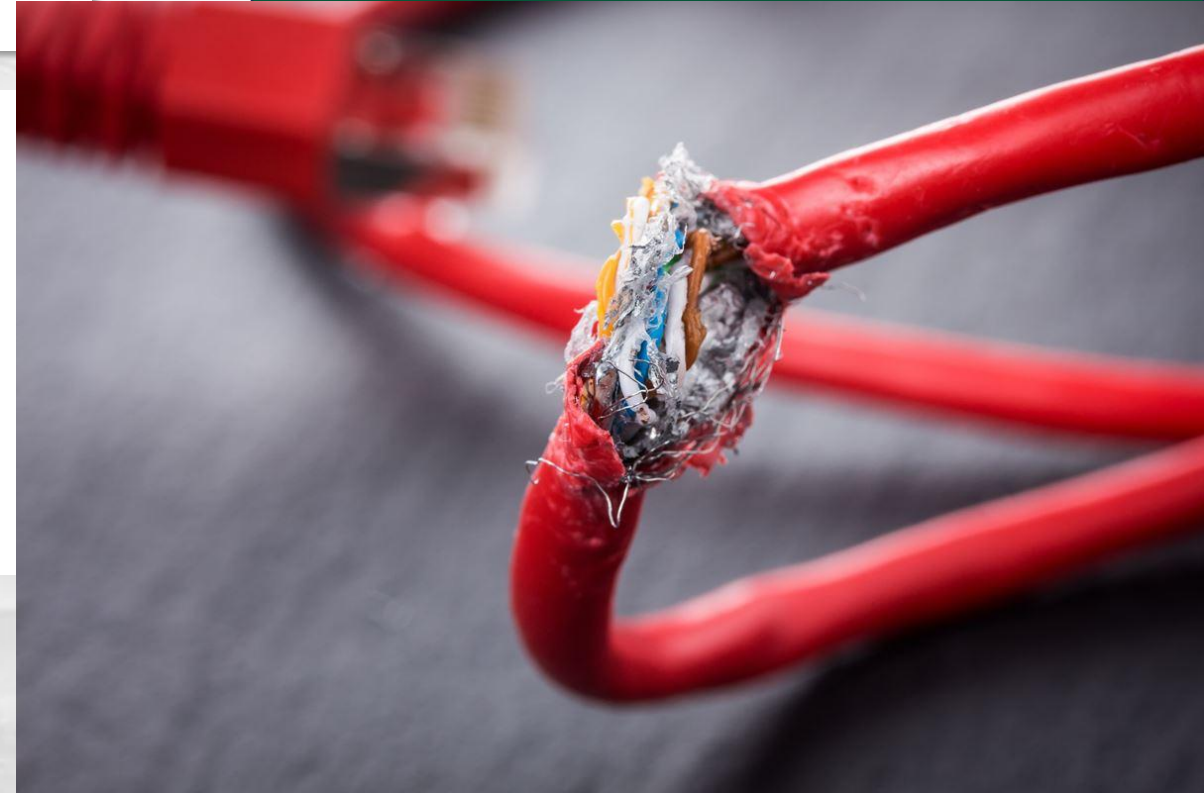
**Wired
Printer
Server**

**Wireless
Printer
Server**

Type of Printer Server

Wired Printer Server

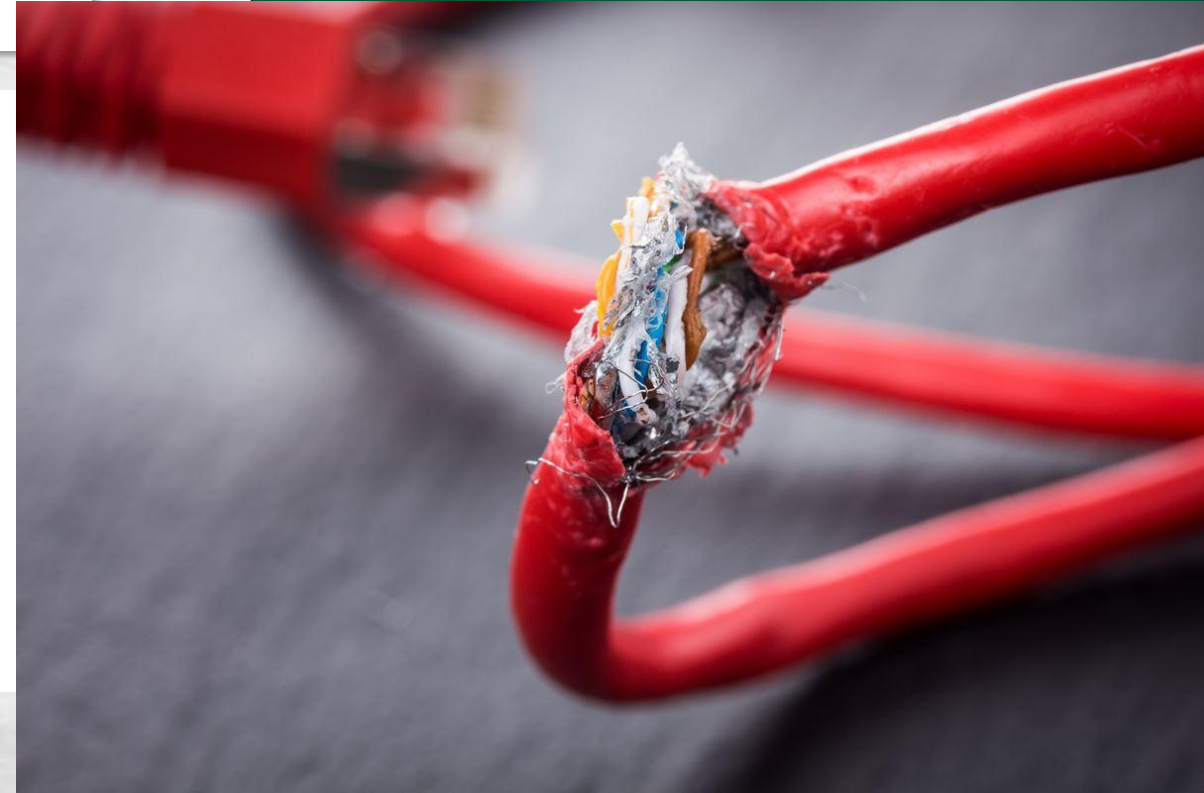
Use Wi-Fi to connect computers, servers, and other devices on a local area network (LAN).



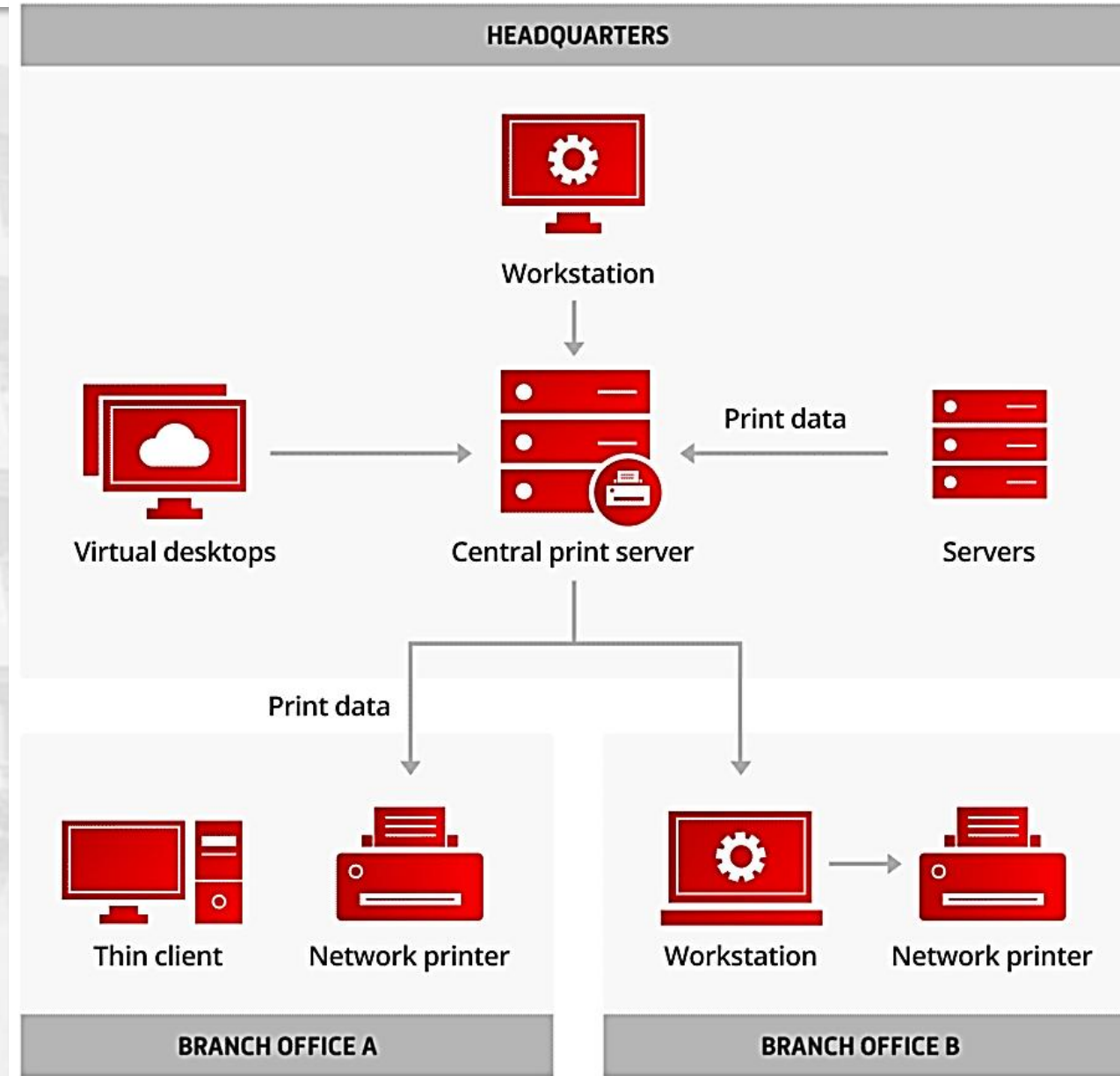
Type of Printer Server

Wired Printer Server

It connect printer and compute devices on a network by linking directly to a router via an Ethernet cable.



Print Server Diagram

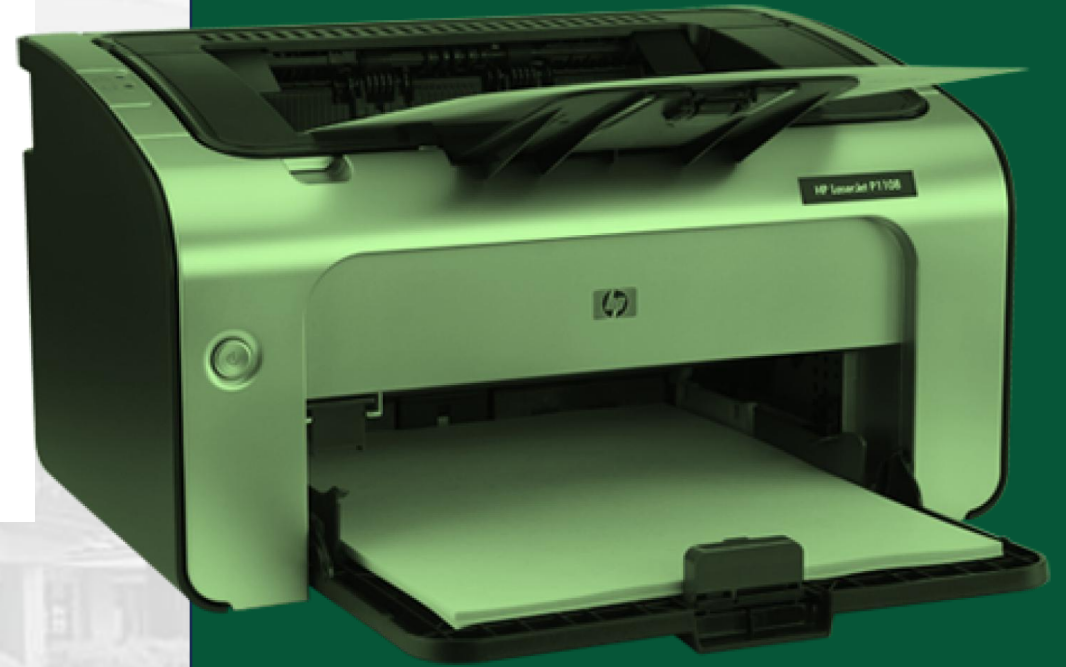


Why do we need
printer server?



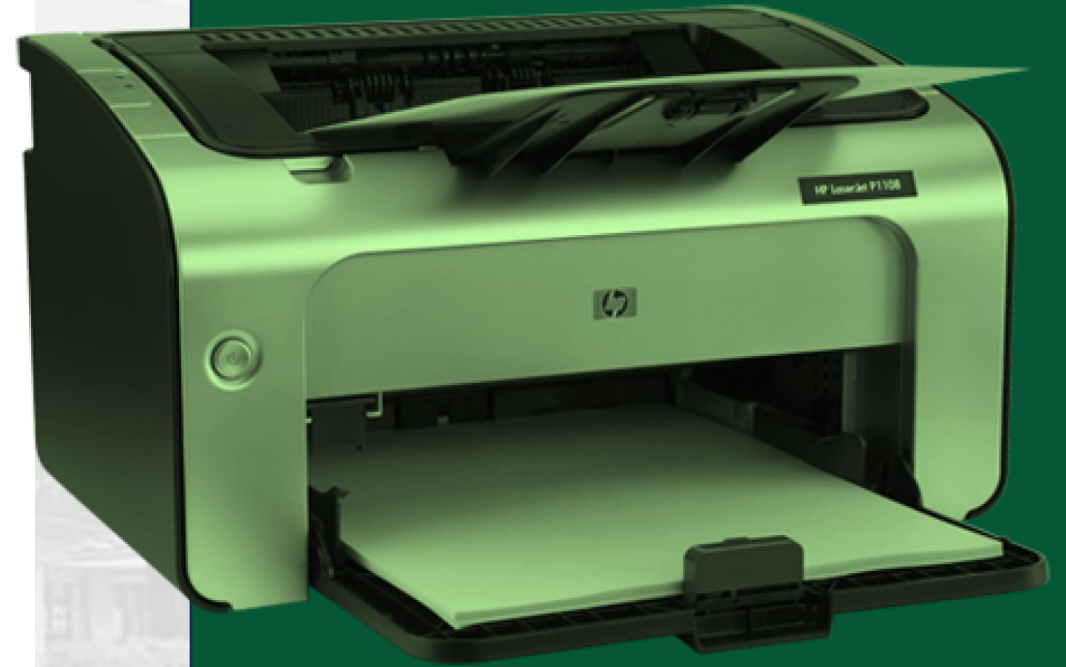
Print Server

A print server is the main hub for organizing and allocating print tasks to various printers in a networked environment.



Print Server

It simplifies and increases the efficiency of the printing process by doing away with the requirement for a direct connection between each computer and each printer.



Importance of Printer Server

Centralized printer management

By combining operations like driver installation, printer configuration, and maintenance into one place, a print server makes printer management easier.



Importance of Printer Server

Centralized printer management

This centralized method guarantees uniform printer settings throughout the network and lessens the workload for IT personnel.



Importance of Printer Server

Enhanced print job efficiency

By prioritizing print jobs according to user or department needs, print servers queue up and streamline the processing of print jobs. This helps avoid printer overload, and ensures urgent documents are printed on time.



Importance of Printer Server

Enhanced security

In addition to being protected under the network firewall, print servers can impose secure printing policies such as demanding job release codes or PIN authentication to stop unwanted access to private data. In addition to preventing illegal printing, this secures sensitive information.



Importance of Printer Server

Cost-effective solution

Print servers provide an affordable option for companies and organizations with several printers. Print servers can reduce total IT expenditures by centralizing printer administration and eliminating the need for several direct connections.



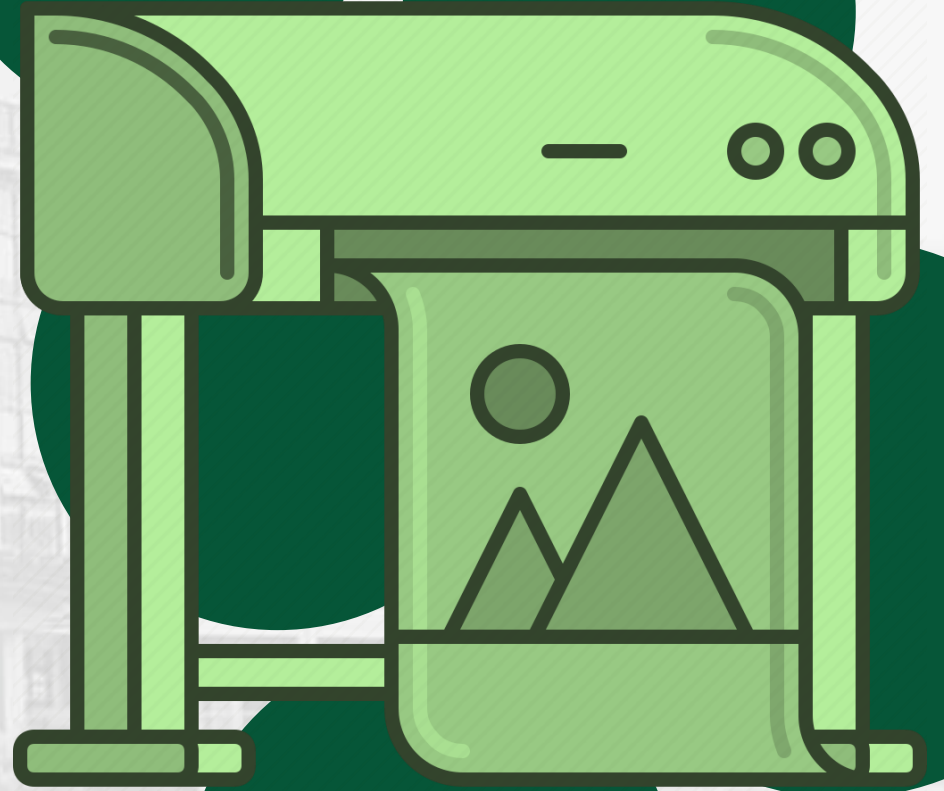
Importance of Printer Server

Scalability and flexibility

Print servers can expand with a company as needed. It's relatively easy to add more devices to the print server to accommodate the extra burden as the number of users or printers grows.



How do print servers
work?



Print Server Scheme

submits a
print job

receives
the print
job

awaits the
printer's
availability

prints the
job