Default Network Ports for Laserfiche Products

White Paper

Laserfiche®

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Overview

This paper lists the default network ports for Laserfiche products and components. It also includes a section on ports used to communicate with non-Laserfiche services.

Most of these ports can be changed in the products' administration consoles or configuration files.

Laserfiche Default Network Ports

Directory Server

Versions	Ports
9	Service: 5048, 5049 for HTTPS Administration Site: 443 (IIS HTTPS port)
10	Service: 5048, 5049 for https Administration Site: 443 (IIS HTTPS port)

Discussions

Versions	Ports
9	80 for HTTP, 443 for HTTPS
10	80 for HTTP, 443 for HTTPS

Distributed Computing Cluster

Versions	Ports
9.1.1 (preview)	8107, 8108
9.2 (preview)	8107, 8108
10	8107, 8108

Distributed Processing

Versions	Ports
8.3 (Beta)	8107, 8108
9.0 (Beta)	8107, 8108

Forms

Versions	Ports
9	80 for HTTP, 443 for HTTPS 8168 for lfrouting 8732 for lfautotrigger 8736 for lfformexport
10	80 for HTTP, 443 for HTTPS 8168 for lfrouting 8268 for lfpushnotification 8732 for lfautotrigger 8736 for lfformexport 8738 for lflicensing (Forms 10.3 and later) 8181 for the Notification Hub Service

Full Text Indexing and Search Engine

Versions	Ports
8	5053
9	5053
10	5053

Laserfiche Authentication Service (Web Client and Web Administration Console)

Versions	Ports
8.2	8088
8.3	8188
9	8188
10	8188

Laserfiche Mobile App Server

Versions	Ports
8.2	8089
9	8089
10.0 – 10.2	8089 for OCR service 8188 for Laserfiche Authentication Service 8189 for Forms notifications 8289 to receive new APNS certificates
10.3	8089 for OCR service 8188 for Laserfiche Authentication Service **For Forms notifications:** 8268 for Laserfiche Notification Master Service 8181 for Laserfiche Notification Hub Service

Note: Ports 8089 and 8188 are used for communications internal to the server, so you do not need a firewall rule to allow inbound traffic for these ports.

Laserfiche Server

Versions	Ports
8	80, 5051 (in Windows XP, port 5050 is used instead of port 80)
9	80, 5051 (in Windows XP, port 5050 is used instead of port 80)
10	80, 5051

License Manager

Versions	Ports
8	5048, 5049 for HTTPS

Quick Fields

Versions	Ports
8	Agent: 8092
9	Agent: 8092
10	Agent: 8092 Server: 8093

Web Client Server

Versions	Ports
8	80 for HTTP, 443 for HTTPS
8.2	80 for HTTP, 443 for HTTPS 8088 for the Laserfiche Authentication Service
8.3	80 for HTTP, 443 for HTTPS 8188 for the Laserfiche Authentication Service
9	80 for HTTP, 443 for HTTPS 8188 for the Laserfiche Authentication Service
10	80 for HTTP, 443 for HTTPS 8188 for the Laserfiche Authentication Service

WebLink

Versions	Ports
9	80 for HTTP, 443 for HTTPS
10	80 for HTTP, 443 for HTTPS

Workflow

Versions	Ports
8	8081, 8082, 8083, 8084, 8086
8.3	8085
9	8085 + IIS port 80 for business processes
10	8085 + IIS port 80 for business processes

Ports for non-Laserfiche Services

Laserfiche products often need to communicate with other services. Make sure that Laserfiche products are able to communicate with these other services as needed. Default ports commonly used by other products include:

- SQL Server's TCP 1433 port
- Email servers often use ports 25 and 587

The Microsoft Developer Networks offers several resources on ports and firewalls. The first link below lists common ports.

- [Service overview and network port requirements for Windows](#)
- [Configure the Windows Firewall to Allow SQL Server Access](#)
- [Configure a Windows Firewall for Database Engine Access](#)
- [Configure a Server to Listen on a Specific TCP Port](#)

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Description:
This paper details the default ports used by Laserfiche products.

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