# O Formpipe.

Knowledgebase > Lasernet > Lasernet FAQs > How do I backup and restore Lasernet?

How do I backup and restore Lasernet? Ross Glover - 2024-08-06 - Comments (0) - Lasernet FAQs

# Lasernet

We recommend making backups regularly according to your own schedule, as well as on an ad hoc basis before making significant changes. By always having a backup of your system, you will be able to restore it in the event of a system failure, or if recently applied changes cannot be reversed.

When upgrading your software, in some cases it is not possible to downgrade and then open a configuration stored in the Lasernet Config Server. Although uncommon, making backups will also help prevent data loss due to hardware failures.

Pre-Requisite Steps Complete the following applicable steps before creating a backup.

# **Commit Changes**

If applicable, ensure changes made to objects have been committed to the Lasernet Config Server in the Commit changes dialog, to ensure no work is lost.

# **Release Temporary Jobs**

Release temporary jobs, if any. These are stored by the Lasernet Services.

### Note the Server Runtime Data Directory

Before creating a backup, note the runtime directory for each instance of each configuration. The default is:

C:\ProgramData\Formpipe Software\Lasernet 10\Service\%InstanceName%\

- 1. Open Lasernet Developer.
- 2. Open a configuration.
- 3. Select Servers.
- 4. Double-click the relevant server to display the Default Properties dialog.
- 5. Select the **General** tab.
- 6. Note the Server runtime data directory.



For standalone databases, click the **Database** tab to view and store database names and servers.

Prod Properties	×
General Grab Database Logger Printers Failover JobInfos	
Database Job Mode	
🔘 🔳 Microsoft SQL Server LocalDB (Embedded) 🛛 💿 🗮 Microsoft SQL Server (Standalone)	
Settings	
Server: SERVERNAME\SQLEXPRESS	
Database: EasernetJob	
Username: 🙎 sa	
Password: 💡 ••••••	
Test connection	
Ok C	ancel

## **Stop Services in Windows**

1. Open the Services application.

2. Select your Lasernet Config 10 and Lasernet 10 Service(s) and stop them.

🔍 Services				
File Action View	Help			
	) 📑 🕨 🖬 🕨 🖬			
Services (Local)	Name	Status	Startup Type	Log On As
🞑 Lasernet 10 (Default:3279)			Automatic	Local System
Lasernet 10 (Prod:3280)			Automatic	Local System
	Lasernet Config 10		Automatic	Local System

### **Stop SQL Server Process**

The steps in this section are only needed when using SQL Server LocalDB for the Lasernet Config server.

Casernet Server License Manager 10	
🖸 🚱 Add 🗸 🏟 Edit 💿 Remove   🖏 Activate 🖏 Deactivate 🖏 Reactivate   📋 Copy to clipboard   📥 Import	demo license 🛛 🚿 Offline 👻
Instance     SQL Server properties for Lasernet Config service     ×       Default     Prod       Development     Dictionary       Lasernet Config     SQL Server Standalone	Mode Static Static Static
OK Cancel	

- 1. Open the Task Manager application
- 2. Click the **Details** tab
- 3. Select sqlservr.exe right-click and select **End task**. Repeat this step for any sqlservr.exe running on the server.

嵶 Task Manager								_		×
<u>File</u> <u>Options</u> <u>View</u>										
Processes Perform	nance App history Startup	Users	Details	Services						
Name	^			PID	User name	CPU	CPU time	Working set	(memory	) ^
🔳 sqlceip.exe				5984	SQLTELEME	00	00.00.02		72.484	¢ .
sqlservr.exe	<b>E</b> 14 1	-		5972	MSSQL\$LN	00	00.05.53	Ĩ	257.804	(
sqlwriter.exe	End task			5624	SYSTEM	00	00.00.00		7.020 H	(
StartMenuExper	End process tree			10348	Torben	00	00.00.03		81.616	( )
svchost.exe	Provide feedback			648	SYSTEM	00	00.00.15		31.620 H	(
svchost.exe	Set priority >			1168	NETWORK	00	00.00.26		16.664	( )
svchost.exe	Set affinity			1216	SYSTEM	00	00.00.07		8.604	(
svchost.exe	Analyze wait chain			1456	LOCAL SERV	00	00.00.00		6.588 H	(
svchost.exe	UAC virtualization			1464	LOCAL SERV	00	00.00.05		11.204	(
svchost.exe	Create dump file			1492	LOCAL SERV	00	00.00.07		10.708	(
svchost.exe	Onen file legetion			1624	SYSTEM	00	00.00.00		9.792 k	(
svchost.exe	Open file location			1636	LOCAL SERV	00	00.00.00		11.472	C
svchost.exe	Search online			1740	LOCAL SERV	00	00.01.03		19.320 H	(
svchost.exe	Properties			1784	SYSTEM	00	00.00.02		14.596	(
svchost.exe	Go to service(s)			1856	SYSTEM	00	00.00.00		7.924	¢ 🗸
<										>
Fewer <u>d</u> etails									<u>E</u> nd tas	k

Create a Backup

#### **Copy Server Runtime Data Directory**

The following must be completed to create a successful backup:

#### Copy Lasernet Config Server runtime directory (in Lasernet 10 folder)

Follow these steps to back up the Config folder:

- 1. Open Windows Explorer.
- 2. Go to the runtime directory noted earlier.C:\ProgramData\Formpipe Software\Lasernet 10\
- 3. Make a copy of the Config folder.

#### Copy all Lasernet Server instance runtime directories

Follow these steps for each directory you want to include in the backup:

- 1. Open Windows Explorer.
- 2. Go to the runtime directory you noted earlier. If the default location is used, this will be C:\ProgramData\Formpipe Software\Lasernet 10\Service\
- 3. Make a copy of the corresponding instance folder.

### Create a Backup of Standalone Database Instance(s)

This section applies to standalone SQL databases only. Follow additional steps to create a backup of the databases.

The following must be completed to create a successful backup:

- Backup Config Server SQL standalone database (if applicable)
- Backup all standalone server database instances (if applicable)

The following steps must be completed for each database you want to include in the backup:

- 1. Note the database in the SQL Server Properties for Lasernet Config service dialog.
- 2. Open the SQL Management Studio application.
- 3. Select the corresponding Lasernet Config database and make a backup.

SQL Server	properties for Lasernet Config service	×
Backend:	SQL Server LocalDB   SQL Server Standalone	
SQL Serv	er	
Server:	SERVERNAME\SQLEXPRESS	
<u>U</u> sername:	sa	
Password:	•••••	
<u>D</u> atabase:	LasernetConfig	
🖳 Tes	t	
		OK Cancel



4. Select the corresponding Lasernet Job database(s) and make a backup.

Prod Properties	×
🚥 💾 🧮 🗮 🚍 🛛 🖽	
General Grab Database Logger Printers Failover JobInfos	
Database Job Mode	
🔿 🔳 Microsoft SQL Server LocalDB (Embedded) 🛛 💿 🔳 Microsoft SQL Server (Standalone)	
Settings	
Server: SERVERNAME\SQLEXPRESS	
Database:	
Username: 2 sa	
Password: 💡 ••••••	
Test connection	



#### **Restart Services**

Restart the Lasernet Config 10 and Lasernet 10 Service(s) to continue using Lasernet as normal.

The sqlserver.exe processes will automatically restart with the Lasernet Config 10 and Lasernet 10 Service(s).

Backup complete

The copied folders and databases can be used as backups, when necessary.

**Related Content** 

• How to clear down the Lasernet Config Database