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WaspTime: How to backup, move and restore the database and service to a new machine

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If you need to backup, move and restore the WaspTime database and service to a new machine, do the following:

Follow these steps to move and restore the database to a new server. Be sure to install the program on the new server machine and choose the options to install the Database and Client tools if you are installing Pro or Enterprise.

1. Run the installation on the new machine to install the Database, Time Service,

and Client. This will set it up with a blank database.

- 2. Create a backup of the existing database.
 - Click on Start > Programs > Microsoft SQL Server > SQL Server Management Studio.
 - Login with username sa password Wasp\$07Wasp\$07 hit connect (using SQL Authentication).
 - Expand Databases on the left and right click on WaspTime > go to Tasks > Backup.

5 Microsoft SQL Serve	er Management Studio		
File Edit View	Debug Tools Window	Community Help	
🔛 New Query 📄	🕞 💕 🖬 🕘 🚳 💂		
Object Explorer	↓ ‡	×	
Connect 🕶 📑 📑	T 🚺 🍒		
🖃 🚺 WIN-0B8NPSB1	P94\WASPDBEXPRESS (SQL	Se	
🖂 🧰 Databases	D. L. L		
System WaspCo	Databases Infig		
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🕀 间 Was	New Database		
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🕀 🚞 Replica	Tasks 🕨	Detach	
🕀 🧰 Manage	Policies +	Take Offline	
	Facets	Bring Online	
	Start PowerShell	Shrink	•
	Reports •	Back Up	
	Rename	Restore	•
	Delete	Generate Scripts	
	Refresh	Extract Data-tier Application	
	Properties	Register as Data-tier Application	
_		Import Data	
		Export Data	
•		F I	
Ready			-

• Notice the location path and name of the backup file in the lower **Destination** section of the Back Up Database - WaspTime window.

📙 Back Up Database - WaspTin	ne			- • •		
Select a page	🛒 Script 🔻 📑 Help					
General						
	Source					
	Database: WaspTime					
	Recovery model:	s	SIMPLE]		
	Backup type:	E E	Full			
	Copy-only Backup	Ľ				
	 Files and filegroups: 	Г				
	Padrus est					
	Name:	WaspTime-Full Da	atabase Backup			
	Description:					
	Backup set will expire:					
	After:	0	🚔 davs			
Connection	© 0n:	12/23/2014				
Server: WIN-0B8NPSB1P94\WASPDBE>	Destination					
Connection:	Back up to:	Disk	🔘 Tape			
sa	C:\Program Files (x86)\Microsoft S	QL Server\MSSQL	.1\MSSQL\Backup\Was	Add		
View connection properties						
Progress				Remove		
Produ						
heady	✓ []		4	Contents		
			OK	Cancel		

Copy the backup file to C:\Program Files (x86)\Microsoft SQL
 Server\MSSQL10_50.WASPDBEXPRESS\MSSQL\Backup on the new server, or the appropriate backup folder if you are using Enterprise and have installed the database to a different SQL instance.

If the machine is running 32 bit version of Windows, it will be C:\Program Files\. If the machine is running SQL 2005 rather than the SQL 2008 installed by the installation of WaspTime 7, it will be MSSQL.1 rather than MSSQL10_50.WASPDBEXPRESS. As long as the backup file is placed into the backup folder in the default SQL path, you will be able to restore it by entering the filename to the restore box.

3. Stop the WaspTimeServer Service

 After ensuring that the backup file was created, go to Control Panel >
 Administrative Tools > Services. Scroll down to WaspTimeServer, right click
 and go to Properties. Change the Startup Type to Disabled, then click Stop. Once
 it is stopped, click OK.

Services			
File Action View	Help		
	2 🗟 🛛 🖬 🖿 🖬 🕨 🖬		
Services (Local)	Services (Local)		WaspTimeServer Properties (Local Computer)
	WaspTimeServer	Name	General Log On Recovery Dependencies
	<u>Stop</u> the service <u>Restart</u> the service	C TP VC Gateway Se TPM Base Services UPnP Device Host User Profile Service Virtual Disk Virtual Disk VMware Snapshot VMware Tools Volume Shadow C	Service name: WaspTimeServer Display name: WaspTimeServer Description: Path to executable: "C:\Program Files (x86)\Wasp Technologies\WaspTime\WaspTimeServer.t Startup type: Automatic
		WaspTimeServer	Help me configure service startup options.
		Windows Audio Windows Audio E Windows Backup	Service status: Started Start Stop Pause Resume
		Windows Biometri Windows CardSpa Windows Color Sy Windows Connect	You can specify the start parameters that apply when you start the service from here. Start parameters:
		Windows Defender Windows Driver F Windows Error Re Windows Event C	OK Cancel Apply
	Extended Standard		

4. Restore the backup

- Restore the backup using SQL Server Management Studio.
- Click on Start > Programs > Microsoft SQL Server > SQL Server Management Studio.
- Login with username **sa** password **Wasp\$07Wasp\$07** hit connect (using **SQL Authentication**).
- Expand Databases on the left and right click on WaspTime > go to Tasks > Restore > Database..
- Select the '**From device**' option and click on the browse (...) button > click on the '**Add**' button > change the 'Files of type' drop down to **All Files**.
- Navigate to the folder containing your database backup and select the file > click on OK > click on OK.

5 Microsoft SQL Serve	er Management Studio						
File Edit View I	Debug Tools Window	Community	Help				
🔛 New Query 📄	🕞 💕 🖬 🍯 🌉 🖕						
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in in indiage	Policies	Take C	Offline				
	Facets	Bring	Unline				
	Start PowerShell	Shrink		•			
	Reports •	Back U	lp				
	Rename	Restor	e	•	Database		
	Delete	Genera	ate Scripts		Files and Filegroups		
	Refresh	Extract	Data-tier Application		Transaction Log		
	Properties	Regist	er as Data-tier Application				
		Import	Data				
		Export	Data				
•							
Ready							

• In the lower '**Select the backup sets to restore**' section of the Restore Database window, check the box next to the database set displayed.

🧾 Restore Database - WaspTim	e			🚺 Locate Backup File - WIN-088NPSB1P94\WASPDBEXP 👝 💷 📧
Select a page	🔄 Script 🔻 🛐 Help			Select the file:
Options	Destination for restore	a new or existing database for your restore operation.		C C C C C C C C C C C C C C C C C C C
	To database:	WaspTime	•	PerfLogs
	To a point in time:	Most recent possible		ia⊣ Program Files □ Program Files (x86)
	Source for restore			arian Adobe arian Business Objects
	Specify the source and loca	ation of backup sets to restore.		Common Files InstallShield Installation Information
	From database:	WaspTime		
	From device:			Microsoft SDKs
	Select the backup sets to re	estore:		i in in in it is
	Restore Name	Component Type Server		⊕ □ 80 ⊕ □ 90 ⊕ □
Connection				MSSQL.1
Server:				Backup
WIN-UB8NPSB1P94\WASPDBE/				my-wasptime61-upgrade.bkp
sa				WaspTime Backup-2-7-2011-0_2_9.bkp
Mew connection properties				WaspTime_02 Jun 2014 144201133.bkp WaspTime_08.Sep 2014 111702793.bkp
Progress				Selected path: C:\Program Files (x86)\Microsoft SQL Server\MS
Ready				Files of type: All Files(*)
Nape.	•		+	File name:
				OK Cancel

• Click on '**Options**' on the left of the window and check the box that says '**Overwrite**

the existing database'

🧾 Restore Database - WaspTim	e					
Select a page	🕄 Script 🔻 🖪 Help					
General						
Options	Restore optione					
	Hestore options					
	Overwrite the existing database (WITH REPLACE)					
	Preserve the replication settings (WITH KEEP_REPLICATION)					
	Prompt before restoring each and the second seco	ach backup				
	Restrict access to the res	tored database (WITH R	ESTRICTED_USER)			
	Restore the database files as	c				
	Original File Name	File Type	Restore As			
	WaspTime	Rows Data	C:\Program Files (x86)\Microsof			
	WaspTime_log	Log	C:\Program Files (x86)\Microsof			
	Recovery state					
	Leave the database read transaction logs cannot b	y to use by rolling back u e restored.(RESTORE W	ncommitted transactions. Additional /ITH RECOVERY)			
Connection	Leave the database non-operational, and do not roll back uncommitted transactions. Additional transaction logs can be restored (RESTORE WITH NORECOVERY)					
			,			
WIN-UBONFSBIF54(WASFDBE/	Leave the database in rea	ad-only mode. Undo unco	ommitted transactions, but save the undo			
Connection: sa	STANDBY)	o that recovery effects ca	an be reversed.(RESTORE WITH			
View connection properties	Standby file:					
Progress						
- Deate						
Ready						
-4p-						
			OK Cancel			

• Finally click on OK at the bottom and the backup should start restoring.

🧃 Restore Database - WaspTim	e						
Select a page	🛒 Script 🔻 📑 Help						
Options	Destination for restore						
	Select or type the name of a new or existing database for your restore operation.						
	To databa	se:	Wa	spTime	-		
	To a point in time: Most recen				ecent possible		
	Source for res	tore					
	Specify the	e source and location (of backup	sets to restor	re.		
	From d	atabase:	Wa	spTime	V		
	From d	evice:	C:\	Program Files	s (x86)\Microsoft SQL Server\MSSQL		
	Select the	backup sets to restore					
	Restore	Name	Compone	nt Type	Server		
Connection		Wasptime Backup	Databas	e Full	WIN-0B8NPSB1P94\WASPDBEXPRES		
Server: WIN-0B8NPSB1P94\WASPDBE>							
Connection: sa							
View connection properties							
Progress							
Ready	•	III			4		
					OK Cancel		

 After the Restore completes, you will need to execute the script C:\Program Files (x86)\Wasp Technologies\WaspTime\Database\FixUpRestoredUsers.sql

Prior to running the client, open the Services list and make sure WaspTimeServer shows startus Started.

When opening the client program on any other client machines, they will attempt to poll your network to find the location of the new WaspTimeServer service when they first run and are unable to connect to the old server. If the polling is successful, the program will open without further prompt.

If the polling returns multiple results, you will be prompted for which server to connect with. If it fails to connect to any new server, you will receive a message giving possible reasons it failed to connect, and the option to edit the service settings. If you manually enter the new server name and it still fails to connect, you will need to ensure that the WaspTimeServer service is still Started on the new server and you have the correct server name, and if there is a firewall running on the new server, try disabling it.