How to move HP SIM SQL 2005 SP2 database

From local to remote



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Introduction

This document details how to move an HP SIM SQL Server 2005 SP2 database from a local machine to a remote machine.

Enabling Remote Connection to SQL Server 2005 SP2

Allowing both SQL Server and Windows Authentication mode.

1. Login to SQL Server using SQL Server Management Studio Express on local SQL Server with Windows Authentication user. This will use Windows account to authenticate to SQL Server.

Figure 1 Connect to Server

SQL Serv	/er.2005	Windows Windows	Server Systen
Server type:	Database Engine		~
Server name:	BKKSQL01\SQLE>	KPRESS	~
Authentication:	Windows Authentic	ation	~
User name:	BKKSQL01\Adm	iinistrator	~
Password:			
	Remember pa	browsse	
Conne	ct Cancel	Help	Options >>

2. In **Object Explorer**, right click on the instance name and select **Properties**.

Figure 2 Object Explorer

🍢 Microsoft SQL Server Mana	agement Studio Expre
File Edit View Tools Wind	iow Community Help
😫 New Query 🛛 🛐 🖄 😭 1	29 22 🗟 🖉 🚯 1
Object Explorer	- 4 × /
29 20 = 7 e	6
 EKKSQLOI/SQLEXPRESS (SO Databases Security Server Objects Replication Management 	L Server 9.0.3042 - B Connect Disconnect Register New Query Start Stop Pause Resume Resume Restart Reports ↓ Refresh
	Properties

3. On the left, select **Security** and change **Server authentication** to **SQL Server** and **Windows Authentication** mode. If the choice is already selected, that means you have already allowed SQL Server authentication.

Figure 3 Server Properties

E Server Properties - BKKS	QL01 IS QLEXPRESS
Select a page	🔄 Տոնը - 🛐 Heli
Processore Connections Database Settings Connections Database Settings Processor P	Server authentication Windows Authentication mode Image: SUL Server and Windows Authentication mode Image: SUL Server and Windows Authentication mode Image: Substantial Server and Windows Authentication mode Image: Substantial Server proversion of the serversion of the server proversion of the server pr
Connection	Prestor in Commence
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Connection EKX:SQL0 (Administrator 型 View connection proporties	 Enable C2 audit tracing Urbss calabese owners np charms;
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4. A new window displays showing that you need to restart the SQL Server for the changes to take effect.

Figure 4 Information message



5. Right click on the instance name again and select **Restart** to restart the SQL Server service.

Figure 5 Object Explorer



6. Select Yes.

Figure 6 Information dialog

Microsoft SQL Server Management Studio Express			
2	Are you sure you want to restart the MSSQLSSQLEXPRESS service on BKKSQL01?		
83	Yes No		

7. Wait for service to stop and start.

Figure 7 Attempting to stop service

Service Control	
Attempting to stop the following service on BKK3QL01 MSSQL\$3QLEXFRESS	
	Close

8. Both SQL Server and Windows authentication have been enabled. You can now login to SQL Server with your current Windows account or your created account.

Enabling remote connection on SQL Server Surface Area Configuration.

1. Open SQL Server Surface Area Configuration.

Figure 8 SQL Server Surface Area Configuration



2. Select Surface Area Configuration for Services and Connections.

Figure 9 SQL Server 2005 Surface Area Configuration



3. On the left side, expand your SQL Server instance by selecting **Database Engine** and then **Remote Connections**. On the right side select **Local and remote connections** and then **using both TCP/IP and named pipes**. Click **Apply**.

Figure 10 SQL Server 2005 Surface Area Configuration step 1

🐐 Surface Area Configuration for Se	ervices and Connections - localhost 🛛 🛛 🔀			
SQL Server 2005 Surface Area Configuration Help Protect Your SQL Server				
Enable only the services and connection protect your server by reducing the surface Select a component and then configure its	ypes used by your applications. Disabling unused services and connections helps elares. For default settings (see <u>colo</u> services and connections:			
 ■ ③ SOLEXPIESS ■ ● Detabase Engine Service 1 Hemote Connectors ■ ◎ SQL Server Browser 	Evidefault, SGL Server 2005 Express, Evaluation, and Developer editors allow level ulier to unreadiance of y Enten rise. Stem and ten l'Workgroup editions also distention remote client connections over TCP/IF. Use the options below to change the protocols on which SQL Server leters for incoming client connections. TCP/IF is preferred over name tpices because it equiles fewer process the openent across the friew-II			
	 or al connections only Local and remote connections Using TCP/IP only Using named pipes only 3 Using both TCP/IP and named pipes 			
View by Instance View by Component	4 ГК Сниз Арлу Нец			

4. On the left side, select **SQL Server Browser** and then select **Service**. On the right side, if the startup type is **Disabled**, you need to change to **Automatic**. Click **Apply** and then click **Start** to start the service then click **OK**.

Figure 11	SQL Server	2005 Surface Are	ea Configuration step 2	2
-----------	------------	------------------	-------------------------	---

🐐 Surface Area Contiguration for S	iervices and Connections - localhost			
SQL Server 2005 Surface Area Configuration Help Protect Your SQL Server				
Enable only the services and connection types used by your applications. Disabling unused services and connections helps protect your server by reducing the surface area. For default settings, see <u>elp</u>				
Select a component: and linen corrigute its SOLEXPTESS Detabase Engine Sorrice Hemote Connections Hemote Connections Sole Server Browser Service 1	Services and connections: This service is recommended for Analysis Services. Service name: 50LB owse Usplay name: 50L Server Eroweer Description: Provide SUL Server connection information to blight computers. Startup type: Automatic Startup type: Automatic 4			
View by Instance View by Component	— 5 3 — К. С-гоз-1 Ароз, Неф			

5. The configuration is finished. Login to your SQL Server from a remote computer using SQL Server authentication mode.

Figure 12 Connect to Server

J Connect to Serv	er	X
SQL Serv	/er .2005	Windows Server System
Server type: Server name:	Database Engine BKKSQL01\SQL	Express
Authentication:	SQL Server Auth	nentication
Login: Password:	sa ××××××××× Remember	password
Conne	ct Cancel	Help Options >>

6. Login to SQL Server succeeded.

Figure 13 Microsoft SQL Server Management Studio Express

📩 Microsoft SQL Server Management Studio Express	
Microsoft SQL Server Management Studio Express File Edit View Tools Window Community Help New Query Image:	BKKSQL01\SQLExpress BKKSQL01\SQLExpress BKKSQL01\SQLExpress BKKSQL01\SQLExPRESS BKKSQL01\SQLExPRESS BKKSQL01\SQLExPRESS

Moving HP SIM SQL Server 2005 SP2 database from a local to a remote machine

- 1. Stop and disable the HP SIM service running on Machine 1.
- 2. Open SQL Server Management Studio in Machine 1

(Programs →Microsoft SQL server 2005→SQL Server Management Studio)

Figure 14. Connecting to SQ: Server

<i>è</i>		
My Documents	sal database.bd	
3))	
My Computer	Kerrosoft SQL Server Management Studin	
\$		
My Network		
Places Sup		
<u></u>	Microsoft	
Kecycle on L	SQL Server 2005	
<u> </u>		
Internet Explorer	Server name: HPDCL3GS1	
<u>(</u>	Authentication	
DAEMON Tools	User name INFDELL3GS1%Administrator	
	Persword Personal Antipart Sector of	
Managem	Connect Cancel Help Options>>	
	🔱 Help make Microsoft® SQL Server''' 2005 better! 💈	<u>z</u>
	Participate in the Customer Experience Improvement Program. Click here to learn how	
🍂 Start 🛛 🔀 👸	🕫 🔰 HP Systems Insight Man 🛛 🔁 CillDocuments and Settin 🖳 Microsoft SQL Server Ma	👆 🕄 🔁 🌠 🎾 3:02 PM

- 3. With default settings in the Connect to Server window, click "Connect".
- 4. Write down the database name. For example, Insight_v50_xxxxxxxx.
- 5. Create a new SQL server 2005 Database on the target machine (Machine 2).
 - a) Open SQL Server Management Studio in Machine 2.
 - (Programs →Microsoft SQL server 2005→SQL Server Management Studio)
 b) Right click **Database** and select **New Database**.





- c) Enter the name of the database you wrote down in step 4, and then click **OK** with default settings selected.
- 6. In Machine 1, right-click the name of the Insight database. For example, Insight_v50_xxxxxxxx.
- 7. Select Tasks→Export data.





8. In the Welcome to SQL Server Import and Export Wizard window, click Next.

Figure 17. Import and Export Wizard



9. In the **Choose a Data Source** window, use the default settings **Windows Authentication** or choose the authentication method you used for your database, and then click **Next**.

Figure 18. Choose a Data Source

🔜 SQL Server Import	t and Export Wizard	
Choose a Data Select the source	Source from which to copy data.	
<u>D</u> ata source:	SQL Native Client	
<u>S</u> erver name:	HPDCL3GS1	·
Authentication • Use <u>W</u> indows A	Authentication	
C Use S <u>Q</u> L Serve	er Authentication	
<u>U</u> ser name:	l l l l l l l l l l l l l l l l l l l	
<u>P</u> assword:		
Da <u>t</u> abase:	Insight_v50_0_191713958 ▼ <u>R</u> efresh	
<u>H</u> elp	< <u>B</u> ack <u>N</u> ext > <u>F</u> inish >>1	Cancel

10. In the **Choose a Destination** window, select the Machine 2 database server from the list. Select the database created in Step 5 from the **Database** list at the bottom of the window.

Figure 19. Choose a Destination

hoose a Destir Specify where to c	nation opy data to.	
estination:	📑 SQL Native Client	-
erver name:	BL20PG2E203	
Authentication • Use <u>W</u> indows A	Authentication	
C Use SQL Serve	r Authentication	
<u>U</u> ser name:		
<u>P</u> assword:		
la <u>t</u> abase:	Insight_v50_0_191713968 <u>R</u> efresh	<u>New</u>

11. In the **Specify Table Copy or Query** dialog window, select the **Copy data from one or more tables or views**, and then click **Next**.

Figure 20. Specify Table Copy or Query

📃 SQL Server Import and E	xport Wizard	_ 🗆 🗙
Specify Table Copy of Specify whether to copy of query from the data source	r Query one or more tables and views or to copy the results o e.	of a
 Copy data from one or n Use this option to copy a 	nore tables or views II the data from the existing tables or views in the so	urce database.
C <u>Write a query to specify</u> Use this option to write a operation.	y the data to transfer n SQL query to manipulate or to restrict the source o	lata for the copy
Help	< <u>B</u> ack <u>N</u> ext> <u>F</u> inish>	>I Cancel

12. In the **Select Source Tables and Views** window, select the **All** box and then click **Next**. A popup window appears.

Figure 21. Select Source Tables and Views

		[n-	abin a bina	Te
5 Sour		De		شر
	Insign(_vou_u_131713368).[db0).[H_1		[Insight_V0U_U_131713368].[dD0].[H_1	
	Insignt_voU_U_131713368j.[dD0].[H_1		[Insight_YOU_U_131713368].[dD0].[H_1	
	Insigni_v50_0_131713566].[db0].[H_0		[Insignt_v00_0_131713366].[db0].[H_0	
	msignt_v50_0_151713560;[db0];[h_0		[insight_v50_0_131713566].[db6].[B_0	-
	Insight_v50_0_1317133600;[db0].[N_0		[Insight_v50_0_131713360],[dbo].[H_0	-
	Insight_v50_0_1317139681[dbo][R_U		[Insight_v50_0_131713968][dbo][R_U	
	Insight_v50_0_1317139681[dbo][R_W		[Insight_v50_0_131713968][dbo][R_W	
	Insight_v50_0_1317139681[dbo][Rupt		[Insight_v50_0_191713968][db0][Rupt	
	Insight_150_0_1917139681[dbo][simA	1000	[Insight_100_0_191713968][dbo][simA	
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	Insight_v50_0_191713968].[dbo].[view	Î	[Insight_v50_0_191713968].[dbo].[view	-
10-6				
Uptim	lize for many tables			

13. Click Yes.

Figure 22. Pop-up Window

SQL Serve	A large number of tables are selected for copying, and the wizard may not be able to copy all the tables in a session. Select No to go back and unselect some tables, or select Yes to attempt to copy all the currently selected tables at one time.
43	<u>Y</u> es <u>No</u>

14. In the **Save and Execute Package** window, keep the default setting (**Execute immediately**) and then click **Next**.

Figure 23. Save and Execute Package

Save and Execute Package Indicate whether to save the SSIS package.	
Execute immediately	
Save SSIS Package	
SQL Server	
C Ele system	
Package protection level:	
Encrypt sensitive data with user key	F
Password:	
Retype password:	
Help < <u>B</u> ack <u>N</u> ext> <u>F</u> il	nish >> Cancel

15. In the **Complete the Wizard** window, click **Finish**.

Figure 24. Complete the Wizard

lic	ck Finish to perform the following actions:
	The package will copy 356 tables.
	The package will not be saved. The package will be run immediately.

16. Once all tasks have completed successfully, stop and disable the SQL Service.

Figure 25. Performing Operation

	10 Remaining	11 Total 1 Success	0 Error 0 Warning
etai	ls:		
	Action	Status	Message
2	Initializing Data Flow Task	Success	
D	Initializing Connections	In progress	
	Setting SQL Command		
	Setting Source Connection		
	Setting Destination Connection		
	Validating		
	Prepare for Execute		
	Pre-execute		
	Copying Rows		
	Post-execute		
	Cleanup		

17. Data is successfully migrated from Machine 1 to Machine 2.

Figure 26. Source database before migration

Explorer 👻	↓ ↓ X Object Explorer Details				
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HFDCL3D59 (SQL Server 9.0.3042 - HPDCL3D59(Administrator) Databases Magazystem Databases Magazystem Database	Views HPDCL:0059/Databases\Insight_v50_0_21384	2109\Views	79 1		
Insight_v50_0_213842109	Name	Schema	Created		
🗉 🤖 Database Diagrams	System Views				
I Tables	alertTypesDescrEnum	dbo	5/6/2008		
🖃 🔤 Wexs	alert TypesEnum	dbo	5/6/2008		
🐨 🧱 Synonyma	CIM AllocatedFromStorapePool	dbo	5/6/2008		
🗉 🧱 Programmability	CIM BindsTo	dbo	5/6/2008		
E Service Broker	CIM DeviceSAPImplementation	dba	5/6/2008		
🗉 🧱 Storage	CIM Element Software Identity	dbo	5/6/2008		
B Security	CIM EndpointOfNetworkPipe	dbo	5/6/2008		
E 0 Insignt_v50_0_213042110	CIM HostedAccessPoint	dbo	5/6/2008		
Security	CIM HostedCollection	dba	5/6/2008		
Benication	CIM InstalledSoftwareIdentity	dbo	5/6/2008		
Management	CIM PortimolementsEndpoint	dbo	5/6/2008		
Notification Services	CIM ProductPhysicalComponent	dbs	5/6/2008		
& SOL Server Agent	CIM SARAvaiableEnrElement	dbo	5/6/2008		
	CIM SWEWName/Jer/Jew	dbo	5/6/2008		
		dbo	5/6/2008		
	deviceSubTypesForm	dbo	5/6/2008		
	adviceTyperEnum	dbo	5/6/2008		
	EventoStatusTable	dbo	5/6/2008		
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	R Batteries	dbo	5/6/2008		
	B CellularComputeCabCount	dbo	5/6/2008		
	R CelularIOCabCount	dbo	5/6/2008		
	R CelularSysCel	dbo	5/6/2008		
	R. CellularSysParComplex	dbo	5/6/2008		
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	R. CellularSysPartition	dbn.	5/6/2008		
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Figure 27. Source database after migration

😾 Microsoft SQL Server Management Studio	a na katala	na in the second se
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Object Explorer 🕹 🌩 🗘 🗙	Object Explorer Details	• ×
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G HPDCL3D59 (SQL Server 9.0.3042 - HPDCL3D59)Administrator) Detabases M	Views HPDCL3059IDatabases\Insight_v50_0_213842110\Views	i IBan(s)
Povminisquo Insight_v50_0_213842109	Name Schema	Created
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		⊘ 5 💈 4 4 5 Thursday ♦ M 🖻 🌶 5/6/2006

Machine 1 HP SIM Installation Directory

- 1. Create a backup of DATABASE.PROPS and DATABASE.ADMIN files located in <installation directory>\HP\Systems Insight Manager\config.
- 2. Some settings for the new database changes in HP SIM need to be modified in DATABASE. PROPS and DATABASE. ADMIN files. Update these files with the following information and save the files.
- Change the hp.Database.hostName to machine 2
- Change the hp.Database.instance name to machine 2\\Database_server name
- Change the hp.Database.username to machine 2\\username

Start the HP SIM service.

For more information

For more information on HP SIM, visit the HP website (http://www.hp.com/go/hpsim.

Call to action

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