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BioStar 2, Database, Migration

How to use the DB migration tool

This document will guide you through the process of how to use the DB migration tool. This DB migration Tool will be helpful to convert user information of BioStar 1.x to user information of Biostar 2.x. Please read the manual carefully and follow the instructions.

- This migration tool will overwrite any user information currently stored in the BioStar 2 database. We highly recommend you to make backup DB if you already have users stored in the BioStar 2.
- This migration tool currently does not support Oracle DB.
- Department information will not be converted to BioStar2 database.
- User ID 1 will be not converted (BioStar2 creates a default administrator ID with User ID 1).
- User access level will be changed as a **normal user** because of the difference in concept between BioStar1.x and BioStar2.x.
- For the card information, only Mifare CSN(7byte) will be converted.
- Windows Authentication is not supported. The authentication for SQL Server must be done as SQL Server Authentication.

Database Name	BioStar			Set Name
C Server Authent	ication	Windows Au	thentication	
Database Server	KHYOO/BSSERVER	Port	63709	-
ID		Password		

Preparations

1. Run the **SQL Server Configuration Manager**. On the left pane, click **SQL Server Services** and check the status of the **SQL Server Browser**. Set it to **Running** if it is set to **Stopped**.



2. On the left pane, click **SQL Server Network Configuration**. There will be **protocols for SQLExpress** and **Protocols for BSSERVER** as follows. Then, click the **Protocols for SQLEXPRESS** and check if the TCP/IP is **Enabled**.

• The name of protocols depends on your system configuration.

Sql Server Configuration Manager			- • •
<u>File</u> <u>A</u> ction <u>V</u> iew <u>H</u> elp ← ⇒ 2 □ 0 ⇒ 1 2			
SQL Server Configuration Manager (Local) SQL Server Services SQL Server Network Configuration Protocols for BSSERVER Protocols for SQLEXPRESS SQL Native Client 11.0 Configuration	Protocol Name Shared Memory Named Pipes TCP/IP	Status Enabled Enabled	

3. If you have changed any of the settings above you will have to restart the **SQL Server**. Click **SQL Server Services** from the left pane, right click **SQL SERVER** and click **Restart**.

Sql Server Configuration Manager					x
File Action View Help ◆ ⇒ ▲ □ ● ● ● ●					
SQL Server Configuration Manager (Local)	Name		State	Start Mode	Log Or
SQL Server Services	SOL Server Browser		Running	Automatic	NT AU
SQL Server Network Configuration (32bit) SQL Native Client 10.0 Configuration (32bit)	SQL Server (SQLEXPRESS)	Share		Automatic	NT AU
 	SQL Server Agent (SQLEXPRESS)	Stop Paus Resu Rest Prop	se ume art perties	Other (Boot, Syst	NT AU
	٠ (III				- F
Restart (stop and then start) selected service.		Help	P		

Instructions

1. Run Services from your Windows control panel (**Control Panel > Administrative Tools > Services**)

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2. Search for **BioStar 2 Launcher Service**.

Services						. • X
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😩 Services (Local)	Services (Local)					
	BioStar 2 Launcher Service	Name	Description	Status	Startup Type	Log On As 🔺
	Stop the service Restart the service	Application Layer Gateway Ser Application Management ASP.NET State Service ASUS Com Service	Provides su Processes i Provides su	Started Started	Manual Manual Disabled Automatic	Local Servic Local Syste. Network S., Local Syste.
	Description: BioStar 2 Launcher by Suprema Inc.	Background Intelligent Transfe Base Filtering Engine BioStar 2 Launcher Service	Transfers fi The Base Fi BioStar 2 L	Started Started Started	Automatic (D Automatic Automatic	Local Syste. Local Servic Local Syste.
		BioStar Z Web Server Service BioStar Server BitLocker Drive Encryption Serv Block Level Backup Engine Ser Bluetooth Support Service	BioStar 2 W BioStar Ser BDESVC ho The WBEN The Blueto III	Started Started	Automatic Automatic Manual Manual Manual	Local Syste. Local Syste. Local Syste. Local Syste. Local Servic
	Extended Standard /					

3. Right click **BioStar2 Launcher Service** and click **Stop**.

Services	-		-			. O X
File Action View	Help					
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🍓 Services (Local)	 Services (Local) 					
	BioStar 2 Launcher Service	Name	Description	Status	Startup Type	Log On As 🔺
	Stop the service Restart the service	ASUS Com Service Background Intelligent Transfe Base Filtering Engine	Transfers fi The Base Fi	Started Started Started	Automatic Automatic (D Automatic	Local Syste. Local Syste. Local Servic
	Description: BioStar 2 Launcher by Suprema Inc.	BioStar 2 Launcher Ser Start BioStar 2 Web Server S Start BioStar 2 Web Server S Stop BioStar Server Stop BitLocker Drive Encryp Pause Block Level Backup En Resume Bluetooth Support Ser Restart BranchCache All Tasks Cetificate Propagation All Tasks Claims to Windows To Refresh		itarted itarted itarted	Automatic Automatic Automatic Manual Manual Manual Manual Manual Manual	Local Syste Local Syste Local Syste Local Syste Local Syste Local Servic Network S. Local Syste Local Syste
	Extended Standard	Pro	perties			
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The status would appear as blank.

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102	D: (2.147		0		0	-	D ¹	C 1	2.147	C 1		٨				

- 4. Fill out the DB information in the migration tool configuration file. (B2DM\config\userConfig).
- For MSSQL, please copy **userConfig.mssql** file to [userConfig] file.

• For MYSQL, please copy **userConfig.mysql** file to [userConfig] file.

퉬 common	2015-05-19 오후 5: File folder
퉬 config	2015-05-19 오후 8: File folder
퉬 data	2015-05-19 오후 5: File folder
🌗 db	2015-05-19 오후 8: File folder
logConfig	
logConfig.mssql	
logConfig.mysql	
userConfig	
userConfig.mssql	
userConfig.mvsgl	

5. Edit the user, password, server, port, database name.



6. In case you don't know the information, you may find relevant information if you open **Microsoft SQL Server Management Studio Express**.

Microsoft SQL Server Management Studio	Connect to Server
File Edit View Debug Tools Window O Image: Structure of the structure of	SQL Server 2008 R2
Object Explorer	Servertyne:
Connect 🛛 🛃 📑 👕 🛃 🍒	Server gype. 192 168 43 16 WSOI Empress
Iocalhost\SQLExpress (SQL Server 10.50.4000 -	A the tighter (01 Second A feature in a
Databases	Authentication: SQL Server Authentication
System Databases	Login: sa 🗸
Security	Password:
Server Objects	Remember password
Replication	
Management Management Management	Connect Cancel Help Options >>
Databaser	
Security	userConfig - Notepad
🗉 🦢 Server Objects	Eile Edit Earmat View Hale
Replication	File gait romat view Help
🗄 🚞 Management	("DRTypo": "mesal"
	"ServerInfo" : {
	"nassword" : "biostar"
	"server" : "192 168 16 43\\squexpress"
	"nort" : "1433"
	'database" : "BioStar"
	}
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7. Press and hold the **Shift key** and right click on the folder that migration has been extracted, click on **Open command window here** to open a new command window with this specific directory.

Name	Â		Date modified	Туре	Size
B2DM			5/20/2015 5:50 PM	File folder	
		Open Open in new process Op <u>en in new window</u> Open command <u>w</u> ind	ow here		
	R	S <u>h</u> are with Restore previous <u>v</u> ersi V3 System Scan <u>I</u> nclude in library Copy <u>a</u> s path	ons		
		Se <u>n</u> d to Cu <u>t</u> <u>C</u> opy	+		
		Create <u>s</u> hortcut <u>D</u> elete Rena <u>m</u> e			
		P <u>r</u> operties			

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8.To start the migration, type **run_user.bat** and press **Enter**.

Administrator: C:\Windows\system32\cmd.exe
insertOPMode
Ø
1
2
3
4
5
8
0 9
insertliserCard
A
1
2
3
4
5
6
7
8
9
done
C:#Users#kylee#Downloads#B2DM>

9. Copy **biostar2.db** from **B2DM\db** folder and paste it to **C:\Program Files (x86)\BioStar 2\db** folder.

-										
Í										
	C:\Program Files (x86)\BioStar 2\db									
	Organize 🔻 Include in	h library 🔻 Share with 💌	Burn	Nev						
	☆ Favorites	Name								
	🧮 Desktop	🚳 biostar2.db								
	🗼 Downloads	biostar2.db.log.bk								
	Documents									
	퉬 BioStar CD									
	logs									

10. Start the **BioStar 2 Launcher Service** from **Services**.

Name	Description	Status	Startu	р Туре	Log On As	*
🔍 ASUS Com Service		Started	Automatic		Local Syste.	
🧟 Background Intelligent Transfe	Transfers fi	Started	Automatic (D		Local Syste.	
🧟 Base Filtering Engine	The Base Fi	Started	Automatic		Local Servic	
🤹 BioStar 2 Launcher Service	BioStar 2 L		i i r		1 10 I	
🤍 BioStar 2 Web Server Service	BioStar 2 W	Started		Start		
🤐 BioStar Server	BioStar Ser	Started		Stop		
🧟 BitLocker Drive Encryption Serv	BDESVC ho			Pause	.	
🤍 Block Level Backup Engine Ser	The WBEN			Resume	.	
鵒 Bluetooth Support Service	The Blueto			Restart	c	
🤐 BranchCache	This servic					
Certificate Propagation	Copies use			All Tasks	• • •	
🧟 Claims to Windows Token Serv	Service to c			Refresh		_
CNC Kastalation	The CNC I	C1				
			Properties		s –	
				Help		

11. Run BioStar2 and check the user list.

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Last update: 2015/10/19 14:32