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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.

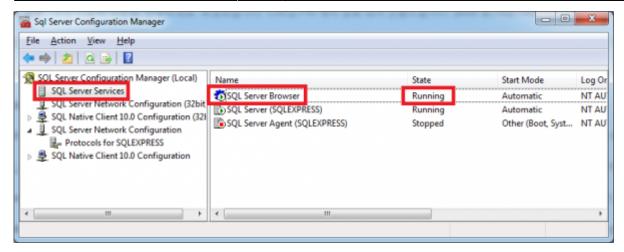
- This migration tool will overwrite any user information currently stored in the BioStar 2 database. We highly recommend you to make backup DB if you already have users stored in the BioStar 2.
- This migration tool currently does not support Oracle DB.
- Department information will not be converted 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			SetName
C Server Authentic	ation	Windows Au	uthentication	
Database Server	KHYOO/BSSERVER	Port	63709	-
ID		Password		

https://www.supremainc.com/en/node/618

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 Action View Help</u>			
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 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)	Start		Automatic	NT AU
 SQL Native Client 10.0 Configuration (321	SQL Server Agent (SQLEXPRESS)	Stop Paus Resu Rest	se ume	Other (Boot, Syst	NT AU
	٠ (Liste			- F
Restart (stop and then start) selected service.		Help	,		

Instructions

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

2. Search for BioStar 2 Launcher Service.

File Action View	Help 2 🐟 🔽 📰 🕨 🔳 II 🕪					
🏩 Services (Local)	Q 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	Manual Manual Disabled	Local Servic Local Syste. Network S
	Description: BioStar 2 Launcher by Suprema Inc.	ASUS Com Service Background Intelligent Transfe Base Filtering Engine BioStar 2 Launcher Service	Transfers fi The Base Fi BioStar 2 L	Started Started Started Started	Automatic Automatic (D Automatic Automatic	Local Syste. Local Syste. Local Servic Local Syste
		BioStar 2 Web Server Service BioStar Server BioStar Server BitLocker Drive Encryption Serv Block Level Backup Engine Ser Bluetooth Support Service Description	BioStar 2 W BioStar Ser BDESVC ho The WBEN The Blueto This sector	Started Started	Automatic Automatic Manual Manual Manual	Local Syste. Local Syste. Local Syste. Local Syste. Local Servic

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

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 BioStar 2 Web Server S BioStar Server BioStar Server BioStar Server BiLocker Drive Encryp Bioth Level Backup En Biuetooth Support Ser BranchCache Certificate Propagation Clinicate Propagation	t se ume	<mark>Started</mark> Started Started	Automatic Automatic Automatic Manual Manual Manual Manual Manual Manual Manual Manual	Local Syste Local Syste Local Syste Local Syste Local Syste Local Syste Local Syste Local Syste Local Syste
	Extended Standard /	Pro	perties			
		Hel	p			

The status would appear as blank.

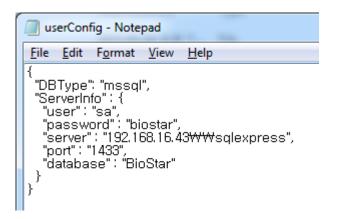
	·					
Q	BioStar 2 Launcher	Service	BioStar 2 L		Automatic	
100	D: CL 2144 L C	c ·	D: CI D.W. (S	A 1 1*	

- 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
퉬 db	2015-05-19 오후 8: File folder
logConfig	
logConfig.mssql	
logConfig.mysql	
userConfig	
userConfig.mssql	
userConfig.mysql	

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	Dia Connect to Server	×
File Edit View Debug Tools Window O Image: Structure of the structure of	Microsoft* SQL Se	erver "2008 R2
Object Explorer	Server type:	Database Engine
Connect 🛛 📑 📑 👕 📝 🛃		
Iocalhost\SQLExpress (SQL Server 10.50.4000 -	Server name:	192.168.43.16₩SQLExpress -
🖃 🚞 Databases	Authentication:	SQL Server Authentication
E System Databases	Login:	sa 👻
🖽 🗾 BioStar	Password:	
Gerunty Security Server Objects		Remember password
Elization		
Management		
I92.168.16.43\SQLExpress (SQL Server 10.50.40	Connect	Cancel Help Options >>
🕀 🧰 Databases		
Security	userConfig - Notepad	
 image: Server Objects image: Server Objects image: Server Objects 	<u>File Edit Format Vie</u>	w <u>H</u> elp
Management	{	
in in individual in the second second	DBType": "ms	ssal"
	"ServerInfo" :	
	"user" : "sa',	L .
	"password" :	"biostar"
	"server" ; "19	32.168.16.43₩₩sqlexpress",
	"port" : "143	
	"database" :	
	}	0.0010
	Я́	

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.

ame	^		Date modified	Туре	Size
B2DM	_		5/20/2015 5:50 PM	File folder	
		Open Open in new process Open in new window Open command wind	ow here		
	()	S <u>h</u> are with Restore previous <u>v</u> ersi	•		
		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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Administrator: C:\Windows\system32\cmd.exe
insertOPMode
1
2
4
0 1 2 3 4 5 6 7 8 9
6
7
8
, insertUserCard
Ø
1
2
3
1 2 3 4 5 6 7 8 9
7
8
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.

_				
ĺ				
	C:\Program	Files (x86)\BioStar 2\db		
	Organize 🔻 Include in	h library 🔻 Share with 💌	Burn	New
	☆ Favorites	Name		
	📃 Desktop	🚳 biostar2.db		
	\rm Downloads	biostar2.db.log.bk		
	Documents			
	퉬 BioStar CD			
	Logs			

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

Name	Description	Status	Startup	Туре	Log On As	
🎑 ASUS Com Service		Started	Automatic		Local Syste	ſ
🗟 Background Intelligent Transfe	Transfers fi	Started	Automa	itic (D	Local Syste	
🔍 Base Filtering Engine	The Base Fi	Started	Automatic		Local Servio	2
🤹 BioStar 2 Launcher Service	BioStar 2 L					
🎎 BioStar 2 Web Server Service	BioStar 2 W	Started	5	tart		
🔍 BioStar Server	BioStar Ser	Started	S	top		
🔍 BitLocker Drive Encryption Serv	BDESVC ho		P	ause		
🎎 Block Level Backup Engine Ser	The WBEN		R	esume		
🔍 Bluetooth Support Service	The Blueto		R	estart		c
🔍 BranchCache	This servic		_			
🎎 Certificate Propagation	Copies use		A	ll Tasks		
🔍 Claims to Windows Token Serv	Service to c		R	efresh		
CNC Kantalakan	The CNIC I.	C	- "			ł
` L			P	ropertie	s -	
			H	lelp		

11. Run BioStar2 and check the user list.

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