



MySQL Installation

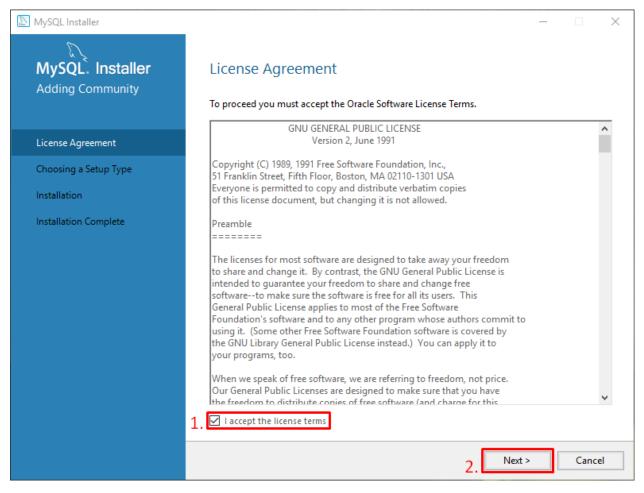


Figure 1: License Agreement

The first step in installing MySQL would be the License Agreement. For you to proceed to the next step, you must accept their license terms and check the *I accept the license terms* checkbox. Then click *Next* button

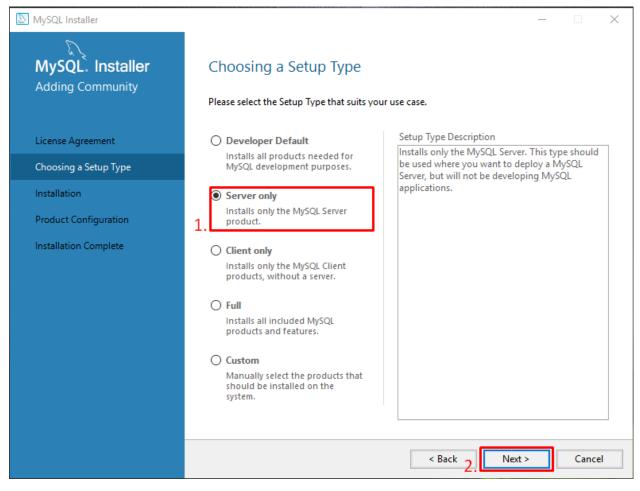


Figure 2: Choosing a Setup Type

Second step is choosing what type of MySQL you want to install. For us, we can choose the *Server only* option and proceed be clicking *Next* button.

NySQL Installer			_		\times
MySQL. Installer Adding Community	Installation				
	Press Execute to upgrade the followin	g products.			
	Product	Status	Progress	Notes	
License Agreement	MySQL Server 5.7.22	Ready to Install			
Choosing a Setup Type					
Installation					
Product Configuration					
Installation Complete					
	Click [Execute] to install or update the	following packages			
		< Back	Execute	Cance	2l

Figure 3: Installation

Next step would be the installation. Click *Execute* button to install the MySQL Server and wait for it to finish before you can proceed.

NySQL Installer			_		\times
MySQL. Installer Adding Community	Installation				
Adding Community	Press Execute to upgrade the following	products.			
	Product	Status	Progress	Notes	
License Agreement	MySQL Server 5.7.22	Complete			
Choosing a Setup Type			-		
Installation					
Product Configuration					
Installation Complete					
	Show Details >				1
		< Back	Next >	Cancel	

Figure 3.2: Installation

As soon as it finished installing, click *Next* button to proceed

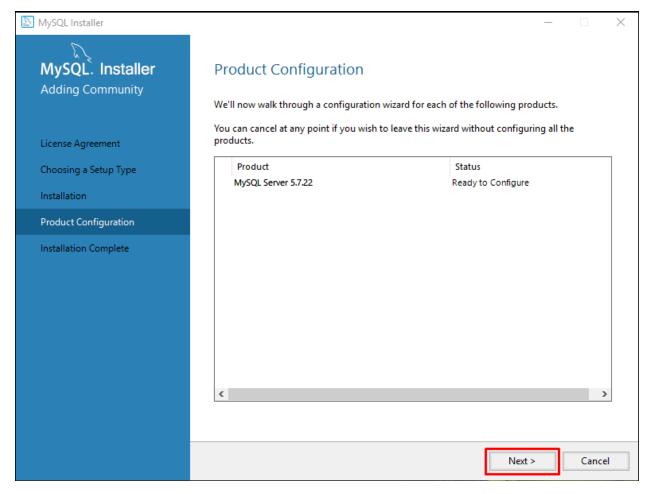


Figure 4: Product Configuration

After installing MySQL, the next step would be the configuration. In this page, click *Next* button to start the configuration.

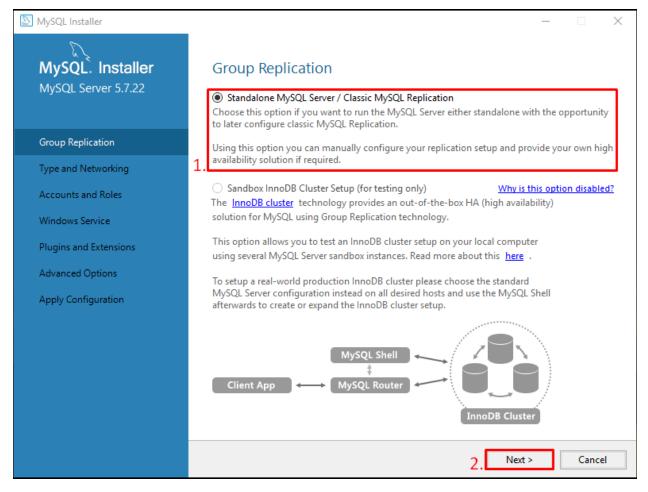


Figure 5: Group Replication

The first step in the configuration is the Group Replication. Since the *Standalone MySQL Server* is already selected just click the *Next* button.

NySQL Installer	– 🗆 🗙
MySQL. Installer MySQL Server 5.7.22	Type and Networking Server Configuration Type Choose the correct server configuration type for this MySQL Server installation. This setting will define how much system resources are assigned to the MySQL Server instance.
Group Replication	1. Config Type: Development Computer
Type and Networking	Connectivity
Accounts and Roles	Use the following controls to select how you would like to connect to this server.
Windows Service	✓ Open Windows Firewall port for network access
Plugins and Extensions	Named Pipe Pipe Name: MYSQL
Apply Configuration	Shared Memory Memory Name: MYSQL
	Advanced Configuration
	Select the check box below to get additional configuration page where you can set advanced options for this server instance.
	Show Advanced Options
	< Back 3. Next > Cancel

For the Server Configuration Type, make sure *Development Computer* is selected and Port Number should be *2121*. Then click *Next* button.

Figure 6: Type and Networking

NySQL Installer	—	\times
MySQL. Installer MySQL Server 5.7.22	Accounts and Roles Root Account Password Enter the password for the root account. Please remember to store this password in a secure place.	
Group Replication	MySQL Root Password:	
Type and Networking	1. Repeat Password:	
Accounts and Roles	Password strength: Weak	
Windows Service		
Plugins and Extensions	MySQL User Accounts	
Apply Configuration	Create MySQL user accounts for your users and applications. Assign a role to the user that consists of a set of privileges.	
	MySQL Username Host User Role 2. Add User Edit User Delete	
	< Back Next > Cancel	

Figure 7.1: Accounts and roles

For the next step, it is about setting up accounts and password. First is the root password setup. Since our System POS is already preset with a static password, just input **21posincbibiza4012006**. Next is click the **Add User** button to add a new User Account.

MySQL Installer	- 0	\times
MySQL. Installer MySQL Server 5.7.22	Accounts and Roles Root Account Password Enter the password for the root account. Please remember to store this password in a secure place.	2
Group Replication	🖾 MySQL User Details X	
Type and Networking	Please specify the username, password, and database role.	
Accounts and Roles	Username admin	
Windows Service	Host < <u>All Hosts (%)></u>	
Plugins and Extensions	Role DB Admin ~ Authentication MySQL	
Apply Configuration	Password ••••••••••••••••••••••••••••••••••••	
	Confirm Password Password Strength: Weak	Jser
	Edit L	Jser
	2. OK Cancel Dela	te
	< Back Next > Car	icel

Figure 7.2: Accounts and Roles

Follow the account information below:

Username: admin Host: <All Hosts (%)> Role: DB Admin Authentication: MySQL Password: 21posincbibiza4012006 Confirm Password: 21posincbibiza4012006

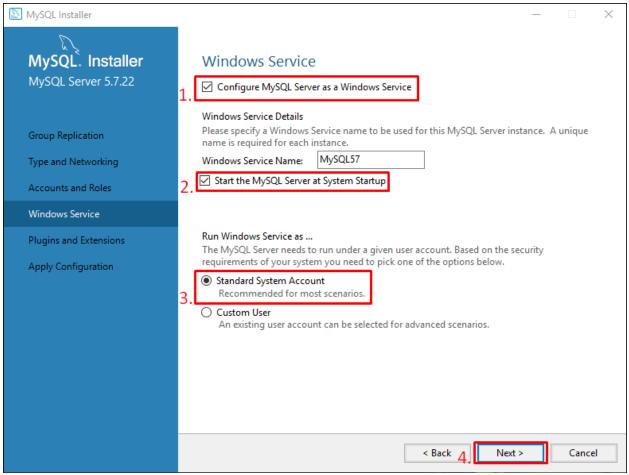


Figure 8: Windows Service

In this step, make sure to check the *Configure MySQL Server as a Windows Service* and *Start the MySQL Server at System Startup* options. And for the third one, select the *Standard System Account* then click *Next* button.

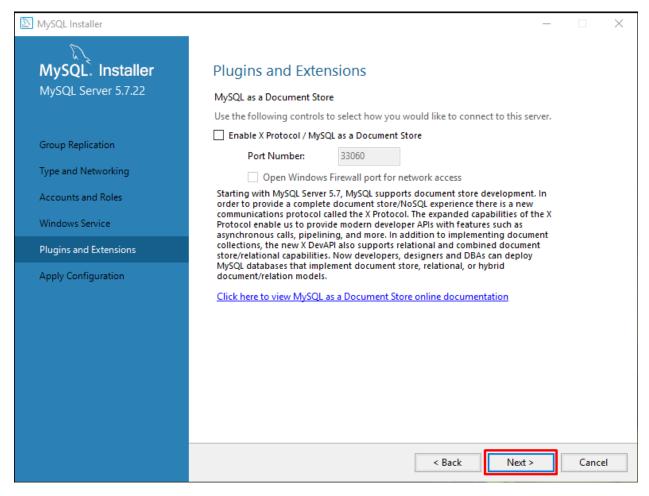
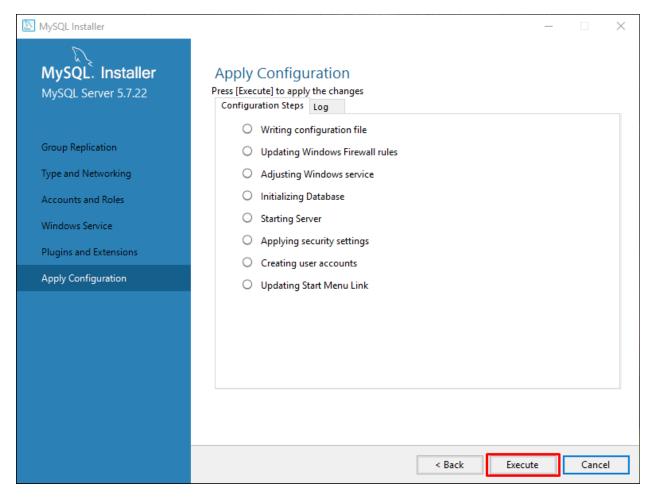


Figure 9: Plugins and Extensions

In here, we don't need to change anything so just click the *Next* button to proceed.





Click the *Execute* button to run and apply the configuration made.

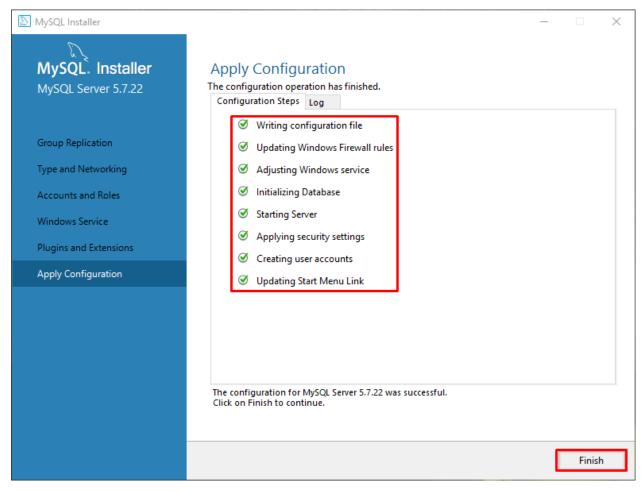


Figure 10.2: Apply Configuration

As soon as the configuration successfully applied just click the *Finish* button to proceed.

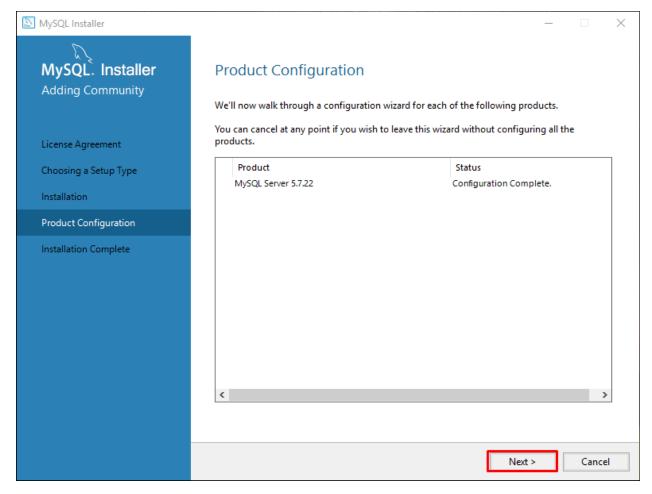
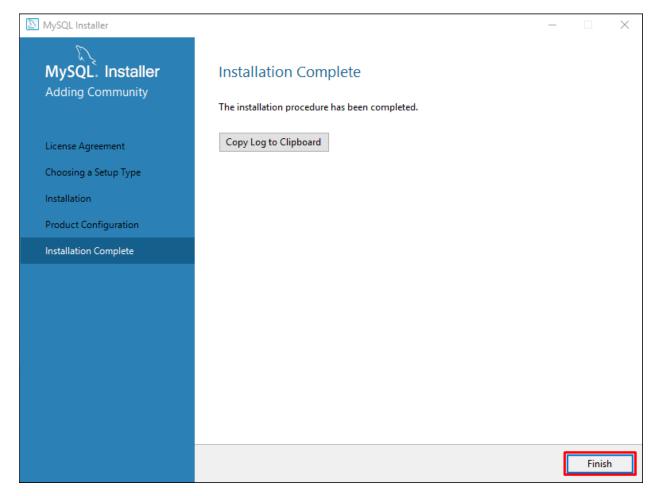


Figure 11: Product Configuration

Click Next button.





Then click *Finish* button to finish the installation.



Auto-Backup Database Setup

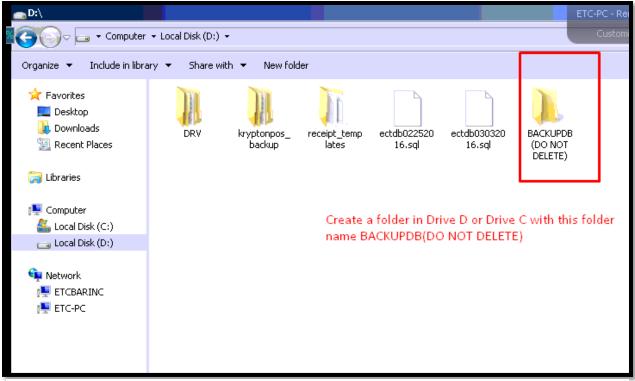
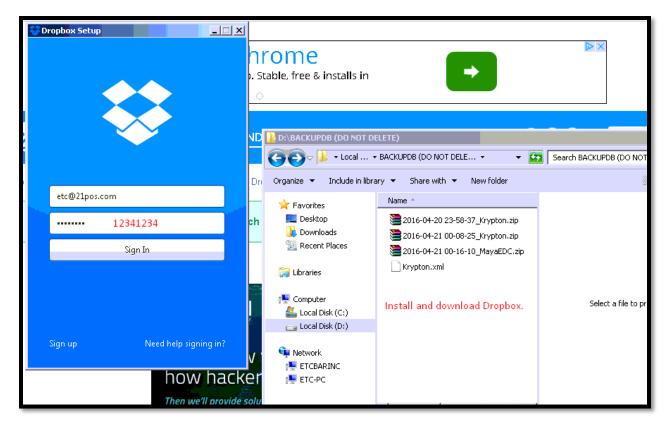


Figure 13

First, create a folder in *Drive D* or *C* and named it as *Backup* or anything.

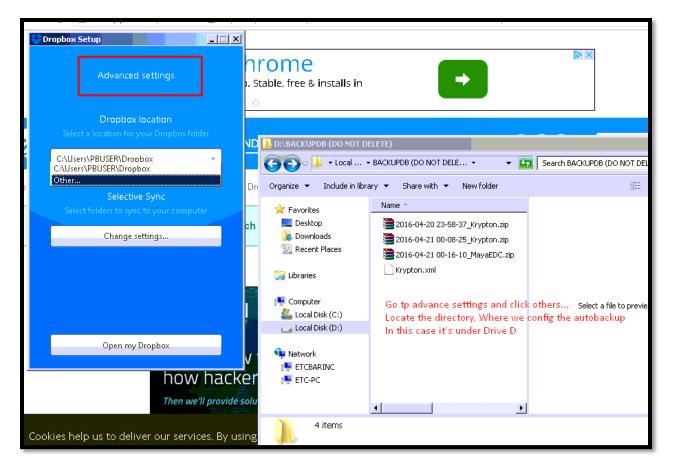


Download and install Dropbox or any Online Storage that can be used to synced with your Computer.

Online Storage suggestions:

- DROPBOX
- **BOX** (this online storage has a relation with Dropbox but with more storage)
- ONEDRIVE

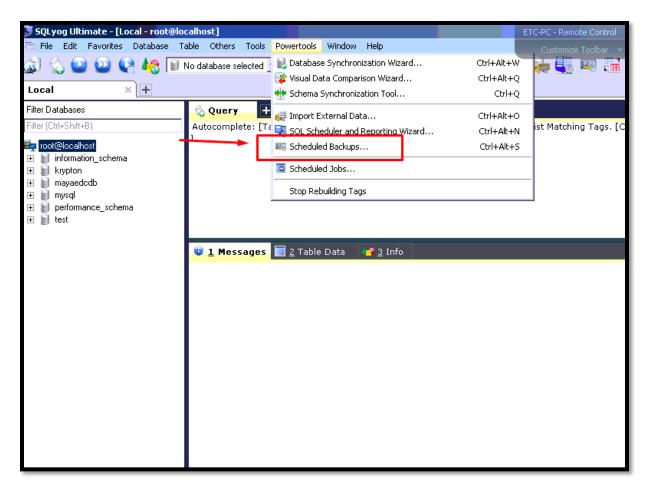
If you already have an account with one of those Online Storage, use it to login. Or else, you may need to create first before you can proceed.



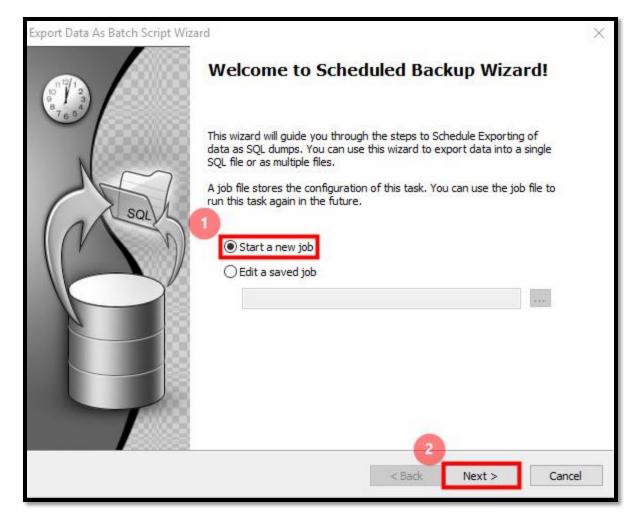
After logging in, you may need to customized in the *Advanced Settings* (other Online Storage applications have this function too) where do you want your files to be synced.

😵 Dropbox Setup	
Advanced settings	Stable, free & installs in
Dropbox location Select a location for your Dropbox folder	
D:\BACKUPDB (DO NOT DELETE)\Dropbox*	G 💽 - Local BACKUPDB (DO NOT DELE 🔹 😰 Search BACKUPDB (DO NOT DELETE)
	Dn Organize 🔻 Include in library 🔻 Share with 💌 New folder 🛛 🔠 💌 [
Selective Sync Select folders to sync to your computer Change settings	Year Name Desktop 2016-04-20 23-58-37_Krypton.zip Downloads 2016-04-21 00-08-25_Krypton.zip Recent Places 2016-04-21 00-16-10_MayaEDC.zip Libraries Krypton.xml
Open my Dropbox how hacke	Image: Computer Select a file to preview. Image: Local Disk (C:) Image: Computer Image: Local Disk (D:) Image: Computer Image: Retwork Image: Computer
Then we'll provide so	tu 🖌 🗾 🕨
Cookies help us to deliver our services. By usir	ng 🗼 4 items

In this case, we will be selecting the Folder directory we created earlier at the Figure 1.



After setting up the Online Storage, got to your SQLYog application. In SQLYog go to *Powertools* tab > *Scheduled Backups...*



Select *Start a new job* then click *Next >* button.

Export Data As Bat Provide detail	tch Script Wizard ils about your MySQL server	×
1	Specify MySQL Connection Details Copy connection from MySQL HTTP MySQL host address localhost MySQL host address localhost Wsername admin Password Port 2121 Outse Compressed Protocol Session Idle Timeout Opefault 28800 (seconds)	
	Database krypton ~	Cancel

For *Copy connection from* field, select the connection of the database you want to create a backup for it Select the Database below what database you want to schedule backup. Click *Next* > button.

	ct(s) that you want to export export ALL objects or SELECTED object(s).	Sat
() E	tt Object(s) xport All Objects xport Selected Object(s)	
	2 < Back Next	> Cancel

On this step, select the *Export All Objects* option then click *Next* > button.

Compress (zip) bad	ckup files					
) Single file for all o	object(s)					
Archive name	C:\Users\TOTC)-PC\Dropbox\BA		OT DELETE)	KryptonDB kry	ptc
) Separate file for	each object					
Archive name						
[Note: This optio file named tbl_{t		ackup data of mul r each table.]	tiple tables ac	ross SQL file	s. SQLyog will g	enerate a
Create a sub	folder with timest	tamp				
[Note: A new fol	der with YYYY-MN	1-DD HH-MM-SS w	ill be created	in the locatio	n mentioned ab	ove.]
Prefix Archive na	me with timestam	IP				
Overwrite existin	a filo	Appen	d to existing f	la		

In this step, we need to select the path where the automatic back up will be saved. In this case, we need to select the folder we created at the *Figure 1*.

For us to set the path, click the three dots button (as show in the image above).

🔰 Open File			×
← → → ↑ 📙 → Drop → BACKUPDB (DO N	~ Ö	Search BACKUPDB (DO NO	م ۲
Organize 👻 New folder			
Sotus The Series ^ Name		Date modified	Туре
📙 Water Boyy The 🛃 KryptonDB		8/13/2018 8:43 AM	File folder
 Box Sync Dropbox OneDrive This PC 3D Objects Desktop Documents Downloads 			
Music			>
File name:		✓ ZIP Files(*.zip) Open	∼ ncel

Inside the folder we created, create another folder(s) for each database you want to backup.

In this step, we created folder for Krypton.

Øpen File					>
🔶 🔿 🕤 🛧 📙 « BACKUPDB (» Kŋ	/ptonDB	~ č) S	earch KryptonDB	م
Organize 👻 New folder				₽ <u></u> == ▼	
A Name	^			Date modified	Туре
🔜 Desktop 💉	No	items ma	itch you	ur search.	
🕹 Downloads 🖈					
🔮 Documents 🖈					
📰 Pictures 🖈					
📙 receipt_template					
📙 Reseller's Tech N					
Sotus The Series					
Water Boyy The					
🔤 Box Sync					
Stopbox					
File name: kryptondb			~ 2	(IP Files(*.zip) ²	~
			- r	Open	Cancel

For the next step, you need to enter on the folder and create a specific name for the backup file. You can name it whatever you like.

Then click **Open** button.

Export Data As Batch Script Wizard How do you want to general You can create single dump timestamp to identify it.		×
☑ Compress (zip) backup files		
Single file for all object(s)		
Archive name C:\Users\	TOTO-PC\Dropbox\BACKUPDB (DO NOT DELETE)\KryptonDB\kryptc	
O Separate file for each object		
Archive name		+ + + > -
[Note: This option allows you file named tbl_{tablename},	ں u to backup data of multiple tables across SQL files. SQLyog will gener sql for each table.]	ate a
Create a subfolder with	timestamp	
[Note: A new folder with YY	/Y-MM-DD HH-MM-SS will be created in the location mentioned above,]
Prefix Archive name with time	estamp	
Overwrite existing file	O Append to existing file	
	3	
	< Back Next >	Cancel

Confirm the path directory.

Check the **Prefix Archive name with timestamp** (this will add the filename of the backup file with timestamp when the backup is created).

Then Click *Next >* button.

What do you	want to generate?			(Sal
0	Export]		
2	DDL Options Include "CREATE database" statement Include "USE database" statement Include "DROP" statement(s) Ignore DEFINER			
3	DML Options Generate bulk INSERT statement Generate complete INSERT statement Generate INSERT DELAYED statement			
	< Ba		Next >	Cancel

In this step, make sure all the option in the image above is selected and checked.

Export – Select the **Structure and data**

DDL Options – Make sure all of these options are checked.

DML Options – Check only the Generate INSERT DELAYED statement option

Click *Next >* button.

	· · · · · · · · · · · · · · · · · · ·
Flush Options	
Flush logs before dump	Flush slave logs
Options having effect on source	
Lock tables for read	Single transaction
Options written to file	
Set AUTOCOMMIT=0	Charset [default] V
Set FOREIGN_KEY_CHECKS=0	
Add lock around INSERT stateme	ent(s)
Add DISABLE/ENABLE keys arou	nd INSERT statement(s)
Max. size (in KB) for BULK INSERT s	statement(s)
Get server default	Custom size
Chunk size (in rows) during batch ex	xports
Don't break into chunks	Chunk size rows

Check only these options:

- Set FOREIGN_KEY_CHECK=0
- Get server default
- Don't break into chunks

Then click *Next >* button.

Export Data As Batch Script Wizard			×
What you want to do on error? Send report over Email when an error occurs			sai
1 Error Handling			
	2 < Back	Next >	Cancel

Check the following options:

- Abort on error

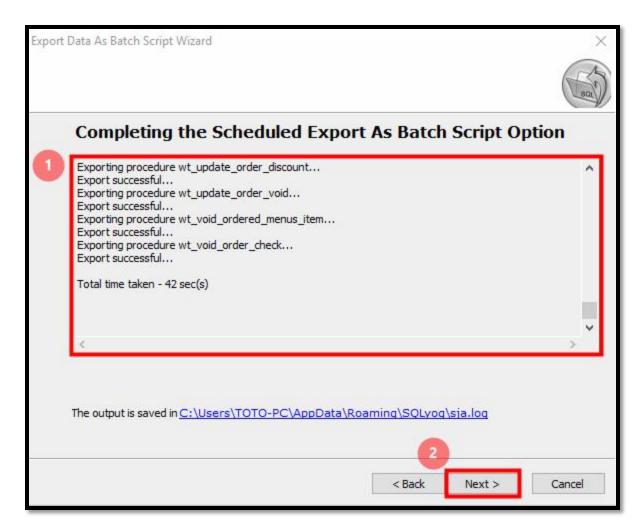
Then click *Next >* button

Export Data As Batch Script Wiz	ard	×
What do you want to do?		sa
	you want to run this task?	
2000	Run immediately Saving options	
	⊖ Save job file	
	Save & Schedule it using Windows scheduler	
Log file Log file this task	C:\Users\TOTO-PC\AppData\Roaming\SQLyon	
	2	
	< Back Next >	Cancel

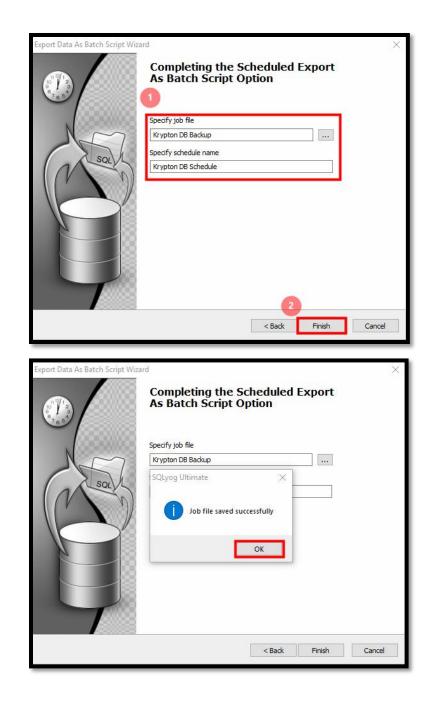
For this step, check and select the following options:

- Run immediately
- Saving options
 - Save & Schedule it using Windows scheduler

Click the *Next >* button



Wait for the process to be finished then click *Next* > button.



For this step, you are about to save a job file for the configurations you created for the auto-backup.

Just specify the job name and the schedule name.

Click *Finish* button then click *OK* button.

ask Sche	dule Settings			
<u> </u>	WINDOWS\Tasks\Krypton DB Scl	he <mark>du</mark> le.job		
Run:	rs\TOTO-PC\AppData\Roami	ng\SQLyog\sja	session	cml''
			Browse	Se
Start in:				
Comments:				a
				_
Run as:	TS-TOTO\TOTO-PC	Set pass	sword	
Run only				
	scheduled task runs at specified tim	ne)		

In the next window, navigate to the *Schedule* tab as the image shown above.

ypton DB Sche	Jule	?	\times
Task Schedu	e Settings		
1. At 9:00 AM	every day, starting 8/13/2018		~
2	1 Ne	w Delete	e
Schedule Task Daily Schedule Tas Every 1	✓ 9:00 AM	Advanced	
Show multip	le schedules.		

Figure 32

In here, you are about to create of the time when will be the auto-backup executed.

To add a time, click the *New* button

And select the *Schedule Task* and *Start time*

Click **OK** button if time is set

1. At	9:00 AM ev	ery day, startir	ng 8/13/201	8	~
	110		[New	Delete
Set A	ccount Inf	ormation			\times
Ru	n as:		TS-TO	TO\TOTO-PC	
Pas	ssword:			••••	
Cor	nfirm passwo	ord:	•••••	••••	
	2	ОК		Cancel	
		schedules			
<mark>⊘ S</mark> h	iow multiple	oonodenoo.			

Figure 33

Lastly, the scheduler will ask you for the computer's password. Fill out the two fields if there's any. If not, just simply proceed with the **OK** button.



Printer Setup In Windows

XPS Viewer Windows Fax and Scan Remote Desktop Connection	Control Panel Devices and Printers Default Programs Help and Support	nd manage devices, printers, and print jobs	Add a device Add a printer Devices (3) Printers and Faxes (2) Control Panel Hardware and Sound Devices and Printers Devices (3) Printers and Faxes (2)
All Programs			
Search programs and files	Shut down D		Fax Microsoft XPS Document Writer



Find *Devices and Printers* and click *Add* a Printer.

🕞 🖶 Add Printer	💽 👼 Add Printer
 What type of printer do you want to install? Add a local printer Use this option only if you don't have a USB printer. (Windows automatically installs USB printers when you plug them in.) Add a network, wireless or Bluetooth printer Make sure that your computer is connected to the network, or that your Bluetooth or wireless printer is turned on. 	Choose a printer port A printer port is a type of connection that allows your computer to exchange information with a printer. Use an existing port: Create a new port: Type of port: COM2: (Serial Port) CIM2: (Serial Port) CIM2: (Serial Port) COM2: (Serial Port) CIM2: (Serial Port)CIM2: (Serial Port)<
Next Cancel	Next Cancel



Add it as a *Local printer*, using the USB virtual port, probably *USB0001* or whatever port you plugged your printer

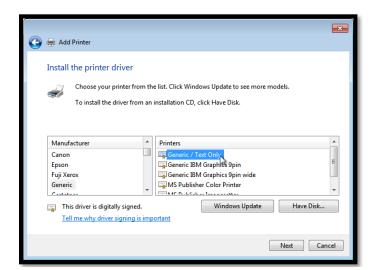


Figure 3

Use the *Generic / Text Only* driver.

🔁 🖶 Add Printer	😴 👼 Add Printer
Type a printer name Printer name: Receipt Printer This printer will be installed with the Generic / Text Only driver.	Printer Sharing If you want to share this printer, you must provide a share name. You can use the suggested name or type a new one. The share name will be visible to other network users. O Do not share this printer Share this printer so that others on your network can find and use it
	Share name: Receipt Printer
Next Cancel	Next Cancel

Figure 4

Name the printer whatever you like, mostly used is the name of what is the use of the printer (e.g. *Receipt* or *Kitchen*)

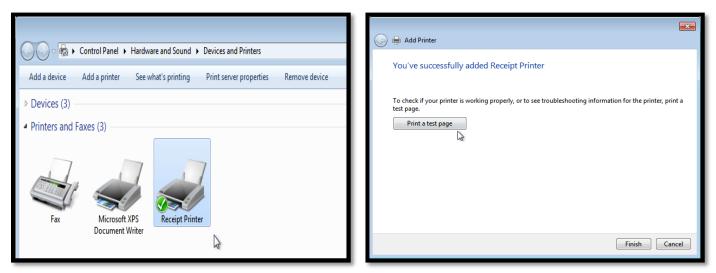


Figure 5

At this point, it should pop up in the window in the background, and also prompt you to *Print a test page*.

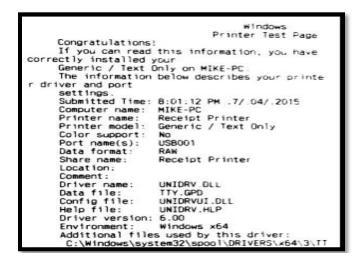


Figure 6

The test print is plain-text, and depending on your printer, will look something like this:



Krypton Resto Printer Setup 1.) Go to *Krypton BO* and log in using your code.

2.) Then navigate to *General > Device Setup*.



3.) To add a new printer, click the *Add* button located at the bottom right side of the screen and fill out the printer's information that will pop out in a small window.

Co Krypton Back Office v1.16.7.212				
🝘 Dashboard 😋 General 🔲 Layout 📰 Men	enu 💽 Settlement 🌑 Promotions 🍰 Customer 🛅 Labor	Anager Manager	💽 NORAISA M.	
	Dev	vice Setup		
Printer Setup Cash Drawer Setup				
Name	Access Name	Assigned To Terminal	Active	
	Printer Entry Name Ip Address Port Access Name Printer Type Driver Type Characters per line Font A Font B Extra Line	33: 33: 0: Cancel Save	Edit Add	
		Wednesd	lay, January 03, 2018 8:43:30 AM	

Name – this will be the name to be used for the printer. This is a user-generated information.

<u>Ip Address</u> – if the printer is using an IP, you can fill this out same as the printer's IP Address. If not, just put number zero to it.

<u>Port</u> – same as the IP Address, if necessary, input the assign port for the printer or input number zero if there isn't.

<u>Access Name</u> – this is the name of the printer used in windows. You can navigate to at the *Start Menu* to check the correct name of the printer. If the printer is plugged from other computer/unit, and connected only through network, you can input the access name like this: **\Computer Name\Printer** Name

Printer Type – select what type of the printer you are about to add (E.g. Receipt or Kitchen)

Driver Type – this will be the driver type used by the printer. Mostly used is the Generic

4.) After filling out those information, click the *Save* button.

5.) For us to assign the printer to a terminal, navigate to *General* tab > *Terminal Settings*.

💭 Krypton	💽 Krypton Back Office v1.167.212					
🚳 Dashboard	😋 General 🔲 Layout	🃰 Menu 💿 Settlement 🦠 Promotions 🤰 Customer 📧 Labor 🔒 Manager		D NORAISA M.		
	tore Information Terminal Settings	Device Setup				
Printer Setup	POS Mode					
Name	Order Entry	Access Name	Assigned To Terminal	Active		
Receipt	Labor Settings Printing Setup	\\TS-PC\Receipt		N.		
	Credit Card Setup					
	Device Setup Meal Period Setup					
	Heat Ferrou secup					
			Rem	ove Edit Add		
			We	dnesday, January 03, 2018 12:18:58 PM		

6.) Under Terminal Settings, select the terminal you want to assign the printer on the left side panel and click the *Printer Setup* tab.

CO Krypton Back Office v1.16.7.212		● 🛛 😣
🚳 Dashboard 🗱 General 🔲 Layout 📰 Menu 💿 Settlement 4	🍑 Promotions 🤰 Customer 📧 Labor 🔒 Manager	NORAISA M.
	Terminal	
	Printer Setup Cash Drawer Setup	
Name General Custerne	r Display Setup Scale Setup	
Terminal 1	Active	_
Station Name	Terminal 1	
Computer Name	P082	
Receipt Prefix	T1	
Device Type	Terminal	•
PRINTER LIST		
Remove Add		
		Update
	Wednesday, Jan	uary 03, 2018 12:21:47 PM

7.) In the Printer Setup, click the *Add* button located at the bottom right side and fill out the information needed.

Co Krypton Back Office v1.16.7.212		
🝘 Dashboard 🗱 General 🔲 Layout 📘	Merru 🔟 Settlement 📎 Promotions 🍰 Customer 🛅 Labor 🔒 Manager	🕐 NORAISA M.
	Terminal	
Enter text to search • Find Clear	Station Station Services Printer Setup Cash Drawer Setup	
Name	Name Access Name	
Terminal 1		
	Terminal Proter - Terminal 1 Printer Receipt Access Key VI/T3-PC\Receipt Priority I Filter Min Value Max Value Revenue 05 05 Table Cancel Save	
Remove Add	Remove Edit	Add
	Wednesday, January 03	8, 2018 12:25:42 PM

<u>**Printer**</u> – click the drop down for the available printer(s) to show up and select the desired printer you setup in the Device Setup.

<u>Access Key</u> – the access name of the printer. Use the same access name same as you did on the Device Setup.

8.) After that, click *Save* button to finish.

9.) For you to test the printer, go to the POS and navigate to *Spooler* at the top right corner of the screen.



10.) The status of the printer should be *Idle* and you can do test print by clicking *Test* button.

Print	Printer Maintenance						
Recei	Receipt Printers Test Status						
Туре	Printer Name	Driver Type	Status	Current Print Job			
Receipt	Receipt	Generic	Idle				
							Clear
						Test Button	Test



List of Common Issues

List the common issues & fixes

1: <u>Database Outdated</u> – This is the common issue for the POS especially if the database is outdated. Or you updated the POS software without updating the database. Luckily there is an easy fix for this.

The following error(s) has occured:						
Database is outdated. Please contact your POS provider.						
The terminal is unable to continue, Please restart the application or call technical support,						

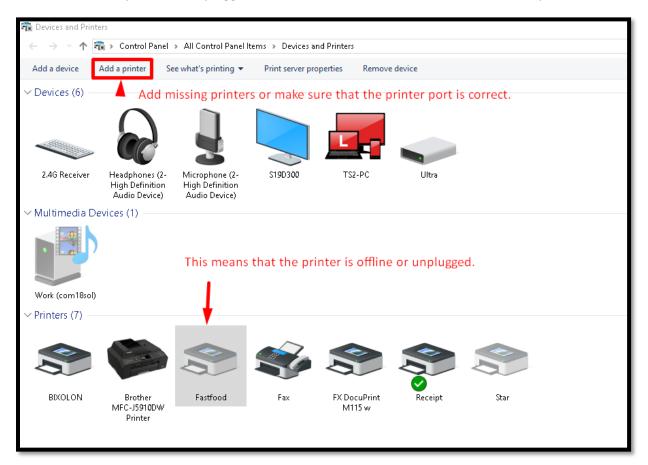
Fix: Open Krypton Back Office and update the database by selecting "Yes"

Incompatible database					
POS version is incompatible with the database AppVersion: 293 DbVersion: 286 Do you want to update?					
Yes No					

2: <u>Printer offline</u> – This is common for newly installed POS. You have to make sure the printer is installed/setup in "*Devices and Printers*"

Print	Printer Maintenance		
Rece	ipt Printers		
Туре	Printer Name	Driver Type	Status
Kitchen	Kitchen	Generic	Idle
Kitchen	Bar	Generic	Offline
Print Rece Type Kitchen Kitchen Kitchen	Fastfood	Generic	Offline _
Kitchen	Coffee	Generic	Idle 🗸

Fix: Make sure the printer is #1: plugged in. #2: Port is correct. #3: Added in Devices and printers



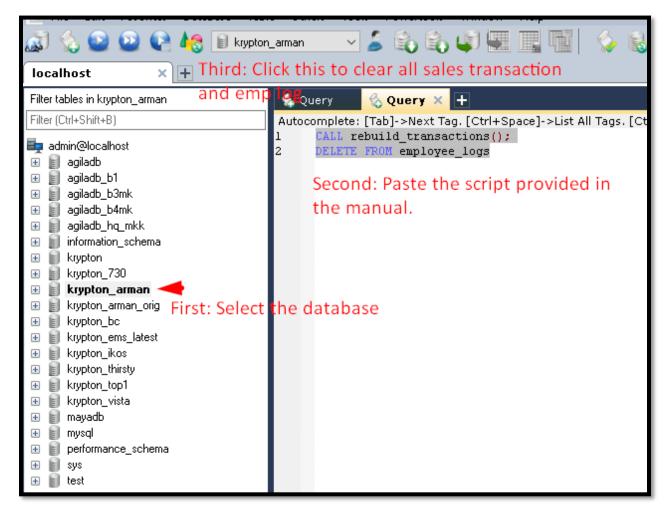
3: <u>Clear out the transaction after testing</u> – This is common for POS user to clear out the POS sale transaction after testing and training. To do that, you have to open up the SQLYog. And Run the script.

Warning: Make sure to select the database you want to clear out first and please be advices to back up the database before clearing out.

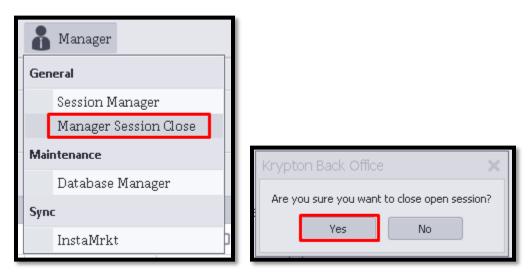
THE SCRIPT:

CALL rebuild_transactions();

DELETE FROM employee_logs



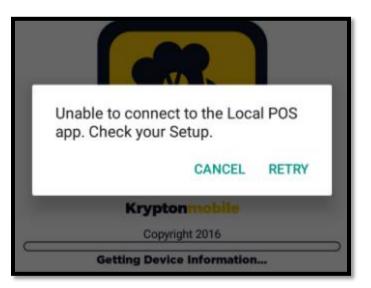
4: <u>Unable to do End of day</u> – Some cases that this function come in handy especially when you're not able to do end of day and got POS app glitch. Now remember, you should only use this function as a last resort. This will help you to brute force to do End of day.



5: <u>Item won't print to kitchen printer</u> – Common for newly setup items. Make sure that you added a printer in menu printers. See image for instruction.

ButtonBunderSetup Store	iniosetup	TerminalSetup	DeviceSetu	ip Posmode	Labor	rsettings	menuseu
Menu Tree	General	Inventory Modif	er Printers	Price Levels	Image		
	Printers						
Search	Name		_				In Re
 Menu List (L1) 		7					11110
▼ FISH (L2)	Fastfood						
		-					
INIHAW NA BELLY (M)							
KINILAW NA BELLY T							
KITANG ESCUHIDO (M)							
PAKSIW BUNTOT TUN							
SINIGANG TUNA (M)							
SINUGLAW (M)							
SW&SR TUNA BELLY (
 BEVERAGES (L2) 							
PASALUBONG (L2)							
 CHICKEN (L2) 							
► BEEF(L2)							
 PORK (L2) 							
 SEAFOOD (L2) 							
► RICE (L2)							
 VEGETABLES (L2) 							
 KAMBING (L2) 							

6: Kmobile unable to connect to POS.



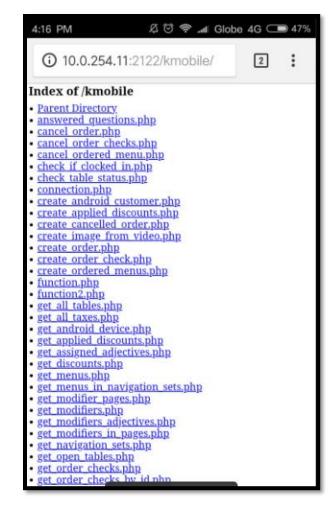
Things to consider:

- 1: Firewall must be off
- 2: **POS** and **Kmobile** should be in the same network

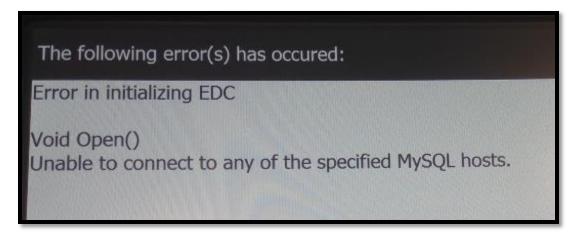
3: Check IP address of the POS and enter the *IP address, the Port* and *Kmobile* of the POS to Android browser. See samples here:

4: Power cycle the Network device

Such as Router and Switch.



7: Other terminal cannot connect to Server - This error will happen if there is 2 or more terminals.



Solution: Go to *C:\Program Files (x86)\posBang\KryptonPOS* and open up edc_server.dat > and type the text below:

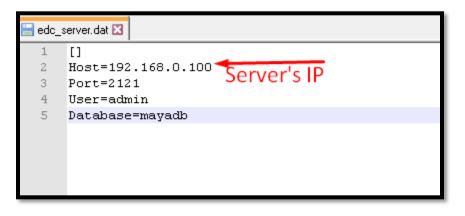
[]

Host=192.168.0.100

Port=2121

User=admin

Database=mayadb





Terminal Setup

HOW TO ADD NEW TERMINAL IN THE BACK OFFICE

To add new terminal go to back office > Click General in the menu navigation and select Terminal Settings. On the left side, you'll be able to see list of available terminals, at the bottom of it click the Add button and a new form will pop up similar to the image below. Fill in all the required information and click the Save button.

O Krypton Back Office v1.16.7.201		😑 😑 🧯
🐼 Dashboard 🔅 General 🔲 Layout 📕	📕 Menu 📧 Settlement 🥎 Promotions 🧏 Customer 🕮 Labor 🔒 Manager	() ADMIN
Dashboard 🛟 General 🔲 Layout 🗰	Mul I Settement Promotion Customer I Labor Amager Ferminal Station Station Services Printer Setup Cash Drawer Setup General Customer Display Setup Scale Setup Active Station Name Receipt Prefix 12 Device Type Terminal Wallpaper Browse Connection Key Receipt Prefix U Device Type Terminal Device Type Terminal Connection Key Receipt Prefix U Device Type Terminal Device Type Terminal No image data	
Remove Add		Update
	Tuesday	7, September 19, 2017 2:26:08

Figure 1 Add new terminal pop up form

Station Name – Enter terminal name in this field

<u>Connection Key</u> – is the computer name, computer name can be found in computer properties look for the computer name and copy that on the Connection key field.

<u>Receipt Prefix</u> – it is a receipt alias, this can be seen on the receipts, maximum of 4 characters only.

Device type – by default the device type for now is terminal.

Krypton Back Office v1.16.7.201				● 🛛 (
Dashboard 🗱 General 🔲 Layout 📕	Menu 💽 Settlement 🌑 Promotions 🦾 Custo	mer 🖪 Labor 🤷 Manager		() ADMII
		Terminal		
Enter text to search	Station Station Services Printer Setup	Cash Drawer Setup		
ame	Service Alias	Service Type	Revenue	
erminal 1	Dine In	Table Service	Default	
erminal 2	То до	Fast Service	Default	
	Bar	Tab Service	Default	
Remove Add			Ren	move Edit Ad

Figure 2 Manage station services

This are services that your store is offering to your customers. Remember that krypton POS has three service types namely: Table service, fast service, and tab service. Select the station you want to configure (ex. Terminal 1 as seen on the screenshot) and click the Station Services tab.

Add – click this button to add new station services, then a new form will pop up and ask you to enter

Service alias – input service name

Service type - select from the dropdown list what is the type of service

<u>Revenue</u> - select default from the list.

After inputting all information, click the Save button.

<u>Edit</u> – click on the row you wish to change details, then click the edit button at the bottom and a form will pop up. Just change the desired information you want to update and click the Save button.

<u>**Remove**</u> –this function is used for removing service from the list, to accomplish that click the service alias you want to delete and hit the remove button at the bottom. The system will ask if you are sure of removing the service alias just click the YES button.

Terminal Printer - Terminal 2			
Printer	Select a Printer		
Access Key			
Priority	1		
Filter	Min Value Max Value		
Revenue 🗆	0 ‡ 0 ‡		
Table 🗆	0 ÷		
Time 🗆			
	Cancel Save		

Figure 3 Add new printer

This is used for the configuration of printer connected to the terminal. Select which terminal you want to setup the printer then go to printer setup, you will see a list of printers. Currently kitchen and receipt printers are the most common used printers for POS terminal.

<u>Add</u> – this function is used for adding new printers, to achieve that simply click the add button that can be found at the left bottom part of the window. After inputting all the needed information just click the Save button. See add form below.

<u>Edit</u>- If you wish to modify printer information or change its access key just hit the edit and supply all data changes and don't forget to click the Save button on the edit pop up form

◯ Krypton Back Office v1.16.7.201			🚍 🚍 🥵
🕢 Dashboard 🗱 General 🔲 Layout	Menu 💿 Settlement 🌑 Promotions 💄 Cu	istomer 🔠 Labor 🔒 Manager	() admin
Enter text to search, • Find Clear	Station Station Services Printer Setu	Terminal p Cash Drawer Setup	
Name	Name		Access Name
Terminal 1	 Kitchen 		Receipt
Terminal 2	Receipt		(path sa printer)
Remove Add	P A P F T T	minial Pinter - Terminal 1 Trinter Kitchen v Receipt Triority 0 Tilter Min Value Max Value tevenue 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Remove Edit Add

Figure 4 Edit printer form

<u>Remove</u> – used for deleting printers from the list, after clicking the remove button a confirmation will pop up if you are certain to delete the printer, if so just click the YES button.

O Krypton Back Office v1.16.7.201			😑 🖂 😆
🐼 Dashboard 🗱 General 🔲 Layout 📰	Menu 📧 Settlement 🥎 Promotions 🧏 Customer 📧 Labor 🔒 Manager		(ADMIN S
	Terminal		
Enter text to search	Station Station Services Printer Setup Cash Drawer Setup		
Name	Name	Access Name	
Terminal 1	ි Kitchen	Receipt	
Terminal 2	 Receipt 	(path sa printer)	
Remove Add		Re	move Edit Add

Figure 5 Remove printer user interface

◯ / Comparent Contraction (Comparent Comparent Comparen			● 8
🕢 Dashboard 🗱 General 🔲 Layout 📰	Menu 💿 Settlement 🌑 Promotions 🦾 Customer 🖪	Labor 🔒 Manager	() Admin s
		Terminal	
Enter text to search	Station Station Services Printer Setup Cash I		
Name	Name	Public Cash Drawer	Required Initialization
Terminal 1	Terminal 1 Drawer		⊠
Terminal 2			
Remove Add			Remove Edit Add

Figure 6 Manage cash drawer

This function is used for managing cash drawers. In a typical point of sale system setup, the receipt printer sends a signal to the cash drawer, triggering it to open only when needed.

<u>Add</u> – click the add button, this function is used for adding cash drawers, fill out the form similar to the image below click save button to save the cash drawer data.

Terminal Cash Drawer - Terminal 2			
Drawer	Select a Drawer		
	Public Cash Drawer		
	Require Cash Tray Initialization		
	Cancel Save		



<u>Edit</u> – this is used for updating cash drawer setup.

Delete – this is used for removing cash drawer from the list.

O Krypton Back Office v1.16.7.201			• • •
🚯 Dashboard 🗱 General 🔲 Layout 📰	Menu 💿 Settlement 🌑 Pr	omotions 🧏 Customer 📧 Labor 🧁 Manager	ADMIN
		Terminal	
Enter text to search	Station Station Services	s Printer Setup Cash Drawer Setup	
Name	General Customer Disp	lay Setup Scale Setup	
Ferminal 1	🗹 Enable Customer Disp	play	
Terminal 2	Terminal Type	Terminal	
	Primary Output Port	0	
	Display Width		4:
	Display Height		4:
	Initialization Code	0	
	Welcome Message	Welcome!	
Remove Add			Update

Figure 8 Customer display setup

Customer display can deliver price information and advertising to a customer at the POS. Customer displays may contain either multi-line fluorescent or LCD displays that connect to your system through a USB, Serial, or Parallel connection. To enable that feature navigate to General > Terminal Settings

Select first which terminal you want to enable it then click the Customer Display Setup tab and check the Enable Customer Display checkbox, supply all the needed information and hit Update button. Please see image below.

O3 Krypton Back Office v1.16.7.201			● 🛛 🔇
🐼 Dashboard 🔅 General 🔲 Layout 📘	Menu 💿 Settlement 🌑	Promotions 😹 Customer 📧 Labor 🔒 Manager	() ADMIN S
		Terminal	
Enter text to search		ces Printer Setup Cash Drawer Setup	
Name	General Customer D	Scale Setup	
Terminal 1	🗆 Enable Scale		
	Weight Command	87, 13	
	Port		
	Baud Rate	9600	
	Parity	None	Ÿ
	Data Bits	4	v.
	Stop Bits	1	*
Remove Add			Update
Remove			opuate
			ambar 10, 2017 3-52-10 P

Figure 9 Scale setup form

Scale is a simple electronic device used to weigh products and bulk goods. It can transfer the weight data to an external device such as an electronic cash register, a PC or other electronic device, and can be integrated with a storewide or company-wide POS system. To enable scale, navigate to General > Terminal Settings

Select first which terminal you want to enable it then click the Scale Setup tab, check the Enable Scale check box and supply all the information, this information are available on the scale itself. After you have supplied the right information just click the Update button.

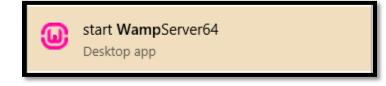


Terminal Setup

How to connect Kmobile to Krypton POS?

Note: Please download and install all prerequisites and Krypton POS from the provided links. And download and install Kmobile from clover app market using your clover devices.

1. Open *WampServer* in your computer



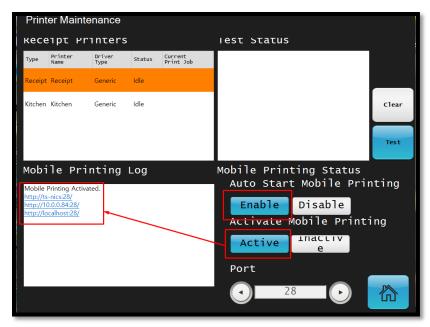
In your notification area in the computer, click the arrow pointing upwards to open balloon.
 Wait for the *Wamp* icon to turn green.



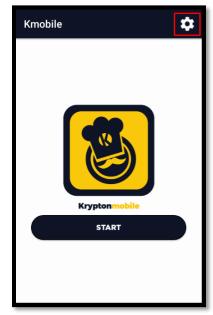
- 3. If *Wamp* icon is green already, click it then select *Put Online* and *Start All Services*.
- 4. Open *Krypton POS* in your computer.
- 5. Open *Spooler* located in the upper right side of the main screen.



Enable Auto Start Mobile Printing and activate mobile printing to get the IP address of the computer and the port that will be used for printing. (Example: for the computer below, 10.0.0.84 is the IP address and 28 is the port for mobile printing)



- 2. On your android device or clover device, open Kmobile.
- 3. Click the *Gear Icon* in the upper right corner to set up connection to Krypton POS (*this is applicable in setting up KDS and White TiGon app*)



4. In the *Webservice* settings, enter the IP address of the computer shown in the Spooler Section of Krypton POS.

Note: after you enter the IP address put a / (slash) character and enter the name of the **Kmobile** folder located in the **Wamp** folder in your computer (See sample below.

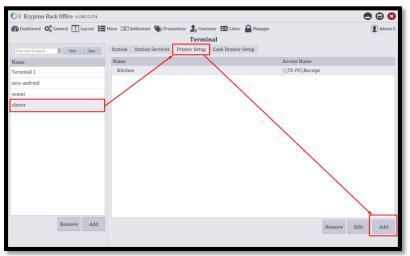
← Settings	~ ×
Web Service Database	nobile

5. In the *Database* settings, enter the IP address for the *Host* and the database name that Krypton POS uses. Just leave the username, password and port with the same value.

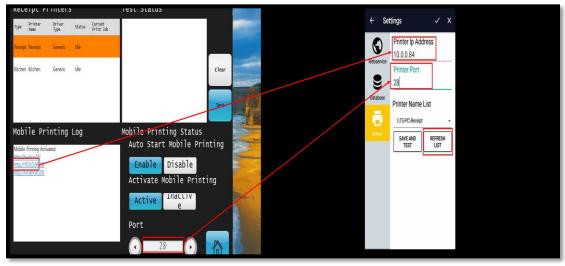
← Set	tings	~ ×					
	Database Settings						
Webservice	Host 10.0.0.84						
Database	Username admin						
	Password						
		••••					
	Database Nam	ne					
	krypton						
	Port						
	2121						

- 6. After setting up, click the *check icon* in the upper left of the screen. Then click *Start*.
- 7. Kmobile will ask for you to register your device to krypton. Enter any device name that you want.
- 8. After that, Kmobile will take you to its home screen showing *Table Ordering* and *Powerbill*.
- 9. To let Kmobile print table orders to your kitchen printer, open *Krypton BO*.
- 10. Go to *General* settings, then click *Terminal Settings*.

11. Select the device name in the left side of the screen.



- 12. Select kitchen printer then enter access name. Click *Save* to save setup.
- 13. Close Kmobile to make changes take effect first then open it again.
- 14. Click the *gear icon* above then go to *Printer* settings.
- 15. Enter the IP address of the computer and the port which is shown in the Krypton POS spooler settings. Then click *REFRESH LIST* always until the list of printers in your network appears.



- 16. Select the printer name or the access name of the kitchen printer that you set in *Krypton BO*. Then click *check* icon to save changes.
- 17. Your Kmobile is now ready to go!



Web Menu Display Setup

How to establish connection of Krypton POS and Web Menu?

NOTE: Before doing any configuration, please make sure that the POS terminal and the device where you want to show the Web Menu has the same network.

- 1. Download Web Menu using Krypton Backoffice
 - a. Open Krypton BO
 - b. Click Store then go to Device Setup
 - c. Go to *Mobile Setup*. Turn on *Mobile WebServer*. Please take note of the *Port* shown below because you will need it for the following steps. Example port shown here is 2122.

🕼 Krypton Back Office 🛛 📻 Store 🔯 Menu 🚔 Settlement 📎 Promotions 💂 Employee 🌲 Customer 📗 Layout 🔓 Manager	👔 John D. 🛑 🖨 😫
DeviceSetup 🛛	
Device Setup	
Printer Setup Cash Drawer Setup Mobile Setup	
Mobile WebServer 0n	
Port: 2122 :	
Download demo images	

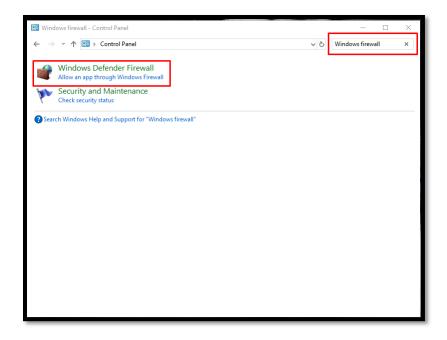
- d. Wait for the download, if there's any, to finish.
- 2. Turn on Mobile Server in Krypton POS
 - a. Open Krypton POS
 - b. Open *Spooler* settings



c. **Start** Printer Server Option and **Enable** Auto Start. Please take note of the **IP address** shown in the **Printer Server Log** because you will need it to the following steps. For this sample setup, the IP address of the POS terminal is 192.168.0.113

Printe	er Maintenance					
Recei	pt Printers			Test Status		
Туре	Printer Name	Driver Type	Status			
Receipt	Receipt	Generic	Idle			
Kitchen	Kitchen	Generic	Idle			Clear
						Test
Printe	er Server Log			Printer Server (Option	
http://ts	Printing running. - <u>nics:28/</u> 02.168.0.113:28/			Start	Stop	
http://lo Mobile	calhost:28/ Printing running.			Auto Start		
http://19	<u>-nics:28/</u> 92.168.0.113:28/ calhost:28/			Enable	Disable	
				Port		
				28		

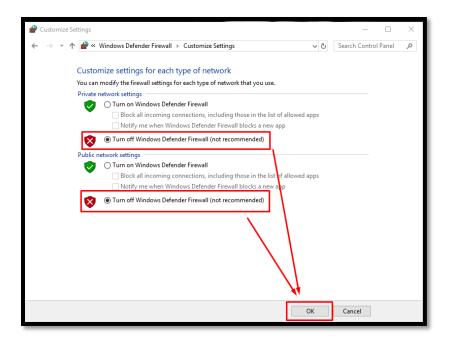
- 3. Turn of Windows Firewall
 - a. Open your PC's Control Panel
 - b. Search for *Windows Firewall* then open *Windows Firewall / Windows Defender Firewall* settings



c. Click the *Turn Windows Defender Firewall on or off* option in the list of options located in the left panel

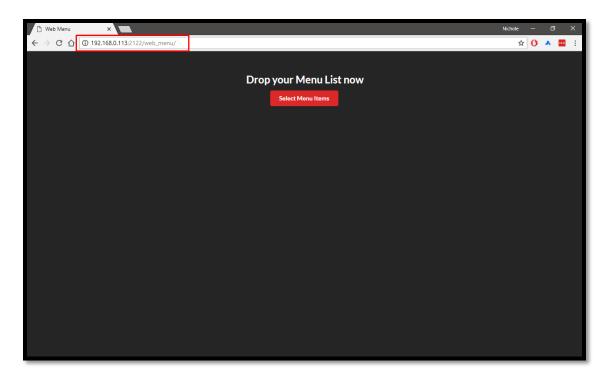
💣 Windows Defender Firewall				_		\times		
← → → ↑ 🍻 > Control Pan	el > System and Security > Windows Defender F	ïrewall 🗸	∕ Č Sea	arch Control	Panel	P		
Control Panel Home	Help protect your PC with Windows I	Defender Firev	wall					
Allow an app or feature through Windows Defender Firewall	Windows Defender Firewall can help prevent hac PC through the Internet or a network.	kers or malicious	software fro	om gaining a	ccess to	your		
Change notification settings	Update your Firewall settings							
Turn Windows Defender Firewall on or off	Windows Defender Firewall is not using th recommended settings to protect your computer.	e	😯 Use n	ecommende	d setting	gs		
Restore defaults	What are the recommended settings?							
Advanced settings	-							
Troubleshoot my network	Private networks			Not con	nected	l 📀		
	Guest or public networks			Con	nected			
	Networks in public places such as airports or coffee shops							
	Windows Defender Firewall state:	Off						
	Incoming connections:	Block all conne list of allowed		pps that are	not on t	he		
	Active public networks:	TP_LINK_	21Pos_5G_1	New				
See also	Notification state:	Do not notify r Firewall blocks			nder			
Security and Maintenance	L							
Network and Sharing Center								

d. Select the radio button for *Turn off Windows Defender Firewall* then click *OK* button in the bottom to save setting.



- 4. Access Web Menu to your desired device
 - a. We highly recommend that you download Google Chrome browsers to your selected device.
 - b. Open your selected browser in your Web Menu device
 - c. In the address bar of your browser, enter the following
 - i. IP address of the POS terminal (step #2 Part C)
 - ii. Colon(:)
 - iii. Port (Step #1 Part C)
 - iv. Slash (/)
 - v. The word *web_menu*
 - d. The address in the browser's address bar must show the example

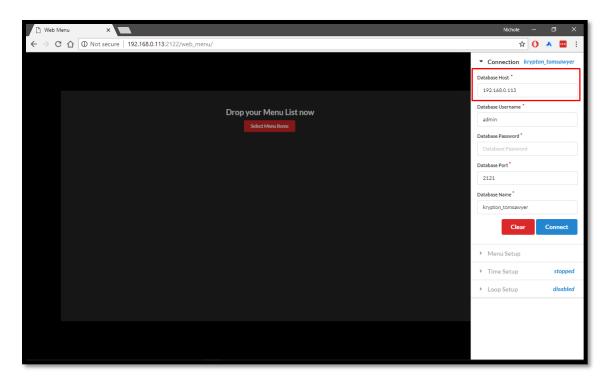
"192.168.0.113:2122/web_menu". Press Enter to go to that address.



- 5. Connect your Web Menu to your POS terminal
 - a. If you are successful in doing Step #4, a button *Select Menu Items* will show. Please click that button.
 - b. Click the *Connection* settings in the top-right corner

🕒 Web Menu x	Nichole — 🗇 🗙
← → C û 192.168.0.113:2122/web_menu/	🖈 🕐 🔺 🔤 🗄
	Connection krypton_tomsawyer
	 Menu Setup
	New Setup Saved Setup
Drop your Menu List now	Navigation sets -
	Navigation Sets 👻
	1 Column Menu 🔹
	Create Image Slider
	Name your setup
	Enter Setup Name
	Start Time
	Save Setup
	Time Setup stopped
	Loop Setup disabled

c. Enter the IP address of the POS Terminal (Step #2 Part C) in the field for **Database Host**



- d. Enter *admin* to the *Database Username* field. Put *21posincbibiza4012006* to the *Database Password*. Put *2121* to the *Database Port*. These entries are already predefined.
- e. Enter the database that you are using in the POS Terminal. To check the database used by Krypton, please open Krypton POS and go to *Settings*. Click *Edit Database Connection* button. Click the current connection shown in the right side of the screen so that the database will show.

Connection Setting											/			
Serve	er Nam	ne	localhost				Add >>			Set Connection Cancel				
Data	base		kryp	ton_to	msawy	er .		_		local	IUSL		_	
■ Or	use key	y												
2			Size: 5.92	2 MB										
User			admin											
Pass	Password ************************************													
Support Site: support@posbang.com E-mail: info@21pos.com Phone: 213-596-0936 ex. 1919														
q	W	е	r	t	у	u	i	0	р	/	7	8	9	
a	S	d	f	g	h	j	k		Back	space	4	5	6	
z	×	с	V	b	n	m	,			-	1	2	3	
Sh	ift		+		Space			•		;	0 Enter			

f. After getting the database name, enter that database name to *Web Menu's* Database Name field

C Web Menu X	Nichole — 🗇 🗙
← → C △ ③ Not secure 192.168.0.113:2122/web_menu/	☆ 🕐 🔺 🔤 🗄
	 Connection krypton_tomsawyer
	Database Host *
	192.168.0.113
Drop your Menu List now	Database Username *
Select Menu Items	admin
	Database Password *
	•••••
	Database Port *
	2121
	Database Name*
	krypton_tomsawyer
	Clear Connect
	Menu Setup
	Time Setup stopped
	Loop Setup disabled

g. Click *Connect* button. Wait for the *Successfully Connected* notification to show

🗅 Web Menu 🗙 🔽		Nichole	- 0 ×
← → C ☆ ③ Not secure 192.168.0.113:2122/web_menu/		야 ☆	O 🔺 🔤 🗄
		 Connection Success Mena Setap 	fully Connected
	ur Menu List now	New Setup Navigation sets Navigati 1 Column Menu Create Ima	•
		Name you Enter Setup Na Start Time Save S	me
		 Time Setup Loop Setup 	stopped disabled