## SynchroNet TQWNet Config

By: Dave Weissinger Port of Call BBS BBS.PCTechDr.com Port:2323 https://BBS.PCTechDr.xyz

This document can be used as a guide to configure TQWNet on a BBS running SynchroNet BBS. This process was competed on SynchroNet BBS 3.19b and the process may change over time. The two main areas that will be configured are the main BBS config and the echocfg areas. This is meant as a general guide to help others and there may be better ways to complete these steps, but these are the steps I took to get my SynchroNet BBS working on TQWNet.

This document assumes that you have already received your node and hub information. There will be screenshots throughout this process to assist you in understanding the configuration. From my experience, this process can work for FSXNet and possibly other networks.

The first step would be to add your node to your Network area in your main config. You can access that from the main SynchroNet control panel and clicking on "BBS" and then "Configure". After the BBS configuration area opens, Click on "Networks" and then "FidoNet, Echomail and Netmail".

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Synch	ronet for Win32 v3.19	Tue Sep 05 2023 11:	47 pm
r[	][?]		
	[■][?] FidoNet EchoMa	il and NetMail	
	System Addresses	1:135/390, 21:3/184, 1337:3/184	
	Default Origin Line	Port of Call BBS - BBS.PCTechDr	
	NetMail Semaphore	%jfidoout.now	
	EchoMail Semaphore	%]fldoout.now	
	Allow Sonding of NotMoil	/Tido/netmail/	
	Allow Sending Of Nethall	Voc	
	Send NetMail Using Alias	No	
	NetMail Defaults to Crash	No	
	NetMail Defaults to Direct	No	
	NetMail Defaults to Hold	No	
	Kill NetMail After Sent	Yes	
	Cost to Send NetMail	0	
	Choose NetMail Source Address	No	
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[ <b>□</b> ][?] [ <b>□</b> ][?] FidoNet EchoM	ail and	][?] System	Addresses		
System Addresses Default Origin Line NetMail Semaphore EchoMail Semaphore	1:13 Port %jfi %jfi	Main AKA 1 AKA 2	1:135 21:3 1337:3	/390 /184 /184	
NetMail Directory Allow Sending of NetMail Allow File Attachments Send NetMail Using Alias NetMail Defaults to Crash	/fide Yes Yes No No	o/netmail/			
NetMail Defaults to Direct NetMail Defaults to Hold Kill NetMail After Sent Cost to Send NetMail Choose NetMail Source Address	No No Yes Ø No				
F1 Help ^Copy ^X Cut INSert Item	DELete I	Item ESC Ex	tit		

Under this area put the node address that you were given. Afterwards, exit this config area and make sure that you save your configuration settings. It should ask you before exiting.

The next step is to go to the Echocfg area. From your SynchroNet Control Panel, click on "FidoNet" and the "Configure". Once Echocfg opens, click on "Linked nodes".

	Synchronet FidoNet Co	nfig v3.14		- 🗆 X
S	ynchronet FidoNe	t Config v3.14		/sbbs/ctrl\sbbsecho.ini
	[=][?]	Linked Node	25	
	1:ALL 1:135/115	(.001) (00870073)	Everyone in zone 1 Dan	
	21:3/2744 1337:3/100	(00030ab8) (00030064)	FSXNet TQWNet	
	1337:ALL 21:ALL	(.539) (.015)	TQWNet Zone 1337 FSXNet Zone 21	
	3:ALL	(.002) (.003) (.004)	FidoNet Zone Z FidoNet Zone 3 FidoNet Zone 4	
	5:ALL 6:ALL	(.005)	FidoNet Zone 5 FidoNet Zone 6	
			DLists	
	F1 Help ^Copy	^X Cut INSert	Item DELete Item E	SC Exit

This is where you configure your Netmail and EchoMail. You must configure a setting for your hub and then for your zone. As you can see, I have this setup for FidoNet, FSXNet, and TQWNET. To configure these, move to the bottom empty area and hit enter which will add a new entry. First you can setup your TQWNet hub settings.

Synchronet	FidoNet Config v3.14		_		×
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[[][]]	[=][?] Linked Node - TQWNe	t			
1:AL	L Address	1337:3/100			
1:13	5/115 Domain	tqwnet			
21:3	/2744 Name	TQWNet			
1337	:3/100 Comment				
1337	:ALL Archive Type	None			
21:A	LL Packet Type	2+			
2:AL	L Packet Password				
3:AL	L Session Password				
4:AL	L IIC File Password				
S STAL	L AreaFix Support	Yes			
D:AL	L AreaFix Password				
	Status	Chach			
	Dipect	No			
	Passive	No			
	Send Notify List	No			
	Uplink for Message Groups	TOWNet			
	Local Address (AKA)	Best Match			
	Route To	Disabled			
	▼ Inbox Directory				
F1 Help	ESC Exit				

These settings should have been given to you in your email. Any that were not, are specific to setting up SynchroNet. The passwords need to be correct (mine are blurred for privacy). Next, you need to scroll down to the BinkP settings.

Synchronet FidoNet	Config v3.14		-	
Synchronet Fido	Net Config v3.14		/sbbs/ctrl\sbb	secho.ini
[■][?]	[ <b>=</b> ][?]Linl	ked Node - TQWNet		
1:ALL 1:135/115 21:3/2744 1337:3/100 1337:ALL 21:ALL 2:ALL 3:ALL 4:ALL 5:ALL 6:ALL	▲ Name Comment Archive Type Packet Type Packet Passwor Session Passwor TIC File Passwor AreaFix Suppor AreaFix Passwor EchoList Keys Status Direct Passivo	rd ord word rt ord [ <b>=</b> ][?] 1337:3/10	TQWNet None 2+ Yes 00 BinkP Settings	
	Passive Send Notify L Uplink for Me Local Address Route To Inbox Directo Outbox Direct BinkP Setting	Host Port Poll Authentication Encryption Implicit TLS Source Address	hub.ca.erb.p 24554 Yes Plain or CRA Supported No	W M-MD5
F1 Help ESC	Exit			

These setting may differ from mine, and you need to check the email from your welcome email. My host is in the USA and on port 24554. You may have a different Host and port. These must be correct for you to send messages. An important setting on the above picture is the "Poll" option. Make sure this is set to "Yes".

The next is to setup the zones. To do that hit "esc" 2 times to get back to the "Linked Nodes" option. From there go to the bottom where it is empty and hit enter to add a new entry.

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Synchronet F	idoNet Config v3.14	/sbbs/ctrl	\sbbse	cho.i	ni
[[]][?]	[ <b>=</b> ][?] Linked Node - 133	37:ALL			
1:ALL 1:135/1 21:3/27 1337:3/ 1337:AL 21:ALL 2:ALL 3:ALL 4:ALL 5:ALL 6:ALL	Address Domain Name Comment Archive Type Packet Type Packet Password Session Password TIC File Password AreaFix Support AreaFix Password EchoList Keys Status Direct Passive Send Notify List Uplink for Message Groups Local Address (AKA) Route To	1337:ALL TQWNet Zone 1337 None 2+ No No No No No No Best Match 1337:3/100			
F1 Help E	SC Exit				

The address needs to be set to "1337:ALL". This will ensure messages are routed through TQWNet. Emulate the options above. The most important setting is the "Route To" option. This tells SynchroNet where to send messages for routing. This will usually be your hub.

After this step, hit "esc" 2 times to get the "Configure FidoNet" area. From there, goes down to "Domains" and go to the bottom empty option and hit "enter".



You will create a Domain called "TQWNet" and emulate these settings. The "Outbound Root" maybe differ depending on whether you are running on Windows or Linux. This is the Windows version. To find the "Outbound Root" on your particular installation, you can just look at the other domains listed and use that same setting.

From there, hit "esc" two times. You should see a setting at the bottom that asks to save your settings. Save your Echocfg settings.

The next step is to add the areas into your "areas.bbs" file. This file is located in the "data" directory within your SynchroNet BBS installation. You will find the areas to add in the TQWNet download packet. It is in the "tqwnet.na" file. As of the time of writing, here are the available areas:

TQW_ADS	- BBS Adverts
TQW_DOCKER	- Docker Chat
TQW_BBSGEN	- General BBS Chat
TQW_GEN	- General Chat
TQW_GENSCI	- General Science News
TQW_GENTECH	- General Tech News
TQW_LINUX	- Linux
TQW_MACOSX	- Mac OS X
TQW_MBSE	- MBSE BBS Chat
TQW_MYS	- Mystic BBS Chat
TQW_MDEV	- Mystic BBS Development
TQW_PYTHON	- Python General Chat

TQW_RASPBPI	<ul> <li>Raspberry Pi</li> </ul>
TQW_BOT	<ul> <li>roBOT output</li> </ul>
TQW_SUG	- Suggestions Box
TQW_SYNCHRO	- Synchronet BBS Chat
TQW_TEST	- Test Echo

Please check the "tqwnet.na" file for the most up to date list. You will need to add these areas to the "areas.bbs" file mentioned above.

tqw_ads	TQW_ADS	13	37:3/100			
tqw_docker	TQW_DOCKER	13	337:3/100			
tqw_bbsgen	TQW_BBSGEN	13	337:3/100			
tqw_gen	TQW_GEN	13	337:3/100			
tqw_gensci	TQW_GENSCI	13	337:3/100			
tqw_gentech	TQW_GENTECH	13	37:3/100			
tqw_linux	TQW_LINUX	13	37:3/100			
tqw_macosx	TQW_MACOSX	13	37:3/100			
tqw_mbse	TQW_MBSE	13	37:3/100			
tqw_mys	TQW_MYS	13	37:3/100			
tqw_mdev	TQW_MDEV	13	37:3/100			
tqw_python	TQW_PYTHON	13	37:3/100			
tqw_rasbpi	TQW_RASBPI	13	37:3/100			
tqw_bot	TQW_BOT	13	37:3/100			
tqw_sug	TQW_SUG	13	37:3/100			- 11
tqw_synchro	TQW_SYNCHRO	13	37:3/100			
tqw_test	TQW_TEST	13	37:3/100			
tqw_raspbpi	TQW_RASPBPI	13	337:3/100			
						~
		Ln 248, Col 54	100%	Windows (CRLF)	UTF-8	

This file helps route the messages to your message areas that we will setup next. I kept all the names the same for simplicity. The hub must also be present on each line as well. Make sure you use the hub that is given to you as it may differ from mine. This file may also contain FidoNet, FSXNet and other network message areas. I only included the screenshot of TQWNet. After adding these entries, save the "areas.bbs" file.

Next, the message areas need to be setup. To do this, you must go back to the "SynchroNet Control Panel" and click on "BBS" and then "Configure". From there, go down to "Message Areas". Go to the blank option at the bottom and hit enter.

## Synchronet for Win32 v3.19 Х Synchronet for Win32 v3.19 [=][?]= Message Groups Sub-boards Local DOV [[ [ ] [ ? ]= Fid TQWNet Group FSX TQWNet Long Name TQW Short Name TQWNet Internal Code Prefix TQW\_ Access Requirements Sort Group by Sub-board Index Position Clone Options Export Areas... Import Areas... Message Sub-boards... Help ESC Exit

You will be asked for the first 3 options in creating the group. Just type in the answers from the above picture. Once that is complete. Click on the "TQWNet" option under "Message Groups" and you will see the above picture. Make sure your settings are the same as above. If not, change them to match the above picture. From here, click on "Message Sub-Boards". This is where you make your public message areas.

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Synchronet for Win32 v3.19	Wed Sep 06 2023 01:04 am
<pre>[■][?] Message Groups Local DOV [[■][?] Fid</pre>	<pre>[■][?] TQWNet Sub-boards (16) TQWNet - BBS Advertisements TQWNet - Docker Chat TOWNet - General BBS Chat</pre>
FSX TQW Short Name Internal Code Prefix Access Requirements Sort Group by Sub-board Clone Options Export Areas Import Areas Message Sub-boards	TQWNet - General Chat TQWNet - General Science News TQWNet - Linux TQWNet - Mac OSX TQWNet - MBSE BBS Chat TQWNet - Mystic BBS Chat TQWNet - Mystic BBS Development TQWNet - Python General Chat TQWNet - Raspberry Pi Chat TQWNet - roBOT Output TQWNet - Suggestion Box TQWNet - SynchroNet BBS Chat TQWNet - TQWNet Test Echo
F1 Help ^Copy ^X Cut INSert Item	DELete Item ESC Exit

You will need to create the list above manually. To create a new "Sub-Board", go to a blank area and hit enter. You will be asked for a "Long Name". These are the names that you see. After, you can put a short name in. I used the same name without the "TQWNet" in the title. Then, you will be asked for an "Internal Code Suffix". I just hit enter and change it after.

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Synchr	onet	t for Win32 v3.19	Wed Sep 06 2023	8 01:12	am
[ <b>=</b> ]	[? 1es	[■][?]BBS Advertis	sements Sub-board		
	.oc DOV id SX QW	Long Name Short Name QWK Name Internal Code FidoNet Area Tag Newsgroup Name Access Requirements Reading Requirements Posting Requirements Operator Requirements Moderated Posting User	TQWNet - BBS Advertisements BBS Advertisements TQW_ADS TQW_ADS TQW_ADS	ws ment t	
		Maximum Messages Purge by Age Duplicate Checking Toggle Options Network Options Advanced Options	500 Disabled Disabled	t	
F1 H	lelp	ESC Exit			

You need to refer to the most up to date "tqwnet.na" file and your "areas.bbs" file and match the "QWK Name", "Internal Code" and "FidoNet Area Tag" and create this for each TQWNet message group you want on your BBS. On the above example, the "TQW\_ADS" will route all external messages to your "TQWNet – BBS Advertisements" sub-group. You will need to add one of these "Sub-Boards" for each areas in your "areas.bbs" file.

In each "Sub-Board" you need to go into "Network Options".

## Synchronet for Win32 v3.19

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Mes	BBS Advertisements Sub-board
Loc DOV Fid	Long Name TQWNet - BBS Advertisements Short Name BBS Advertisements QWK Name TQW_ADS
TQW	Network Options
	Append Tag/Origin LineYesExport ASCII OnlyNoGate Between Net TypesNoQWK NetworkedNoQWK TaglineInternet (UUCP/NNTP)NoFidoNet EchoMailYesFidoNet Address1337:3/184EchoMail Origin Line
L	Advanced Options
F1 Help	ESC Exit

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Here is an example of the needed settings. The important setting is the "FidoNet Address" Option. You need to choose your TQWNet node. This will help SynchroNet to know what network to use with this sub-board".

You will need to do an Areafix to your hub. This would be done from within the BBS Sysop login. Go into "Email" (option E) and then "Send Netmail" (Option N). The network name to send the netmail would be your hub. For example, I would send an AreaFix to "areafix@1337:3/100". The subject must have your areafix password that was given to you in your email. To subscribe to all areas, just put "%ALL" in the body of the email. You then hit "Control-Z" to send the areafix email.

Subj: PASSWORD		
To : areafix		
From: Dave Weissinger		
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XALL		
FSEditor v1.104 - Type CTRL-K for help	Insert Mode	Current Colour
Port of Call Synchro Telnet	Connected: 01:44:08	OPT-Z for menu

I hope this helps you get setup with TQWNet. I tried to make this guide easy for anyone to understand. There may be easier ways to accomplish the above tasks, but these were the steps I took. I would also not have been successful without the great help from the community. They were always extremely helpful.