Setting up Winlink on Telnet

Contents

Gettir	g a Winlink Account	1
1.1 (reating an Outpost profile for Winlink	2
1.2 9	etting up Outpost	3
1.2.1	Set up the TELNET Interface	3
1.2.2	Set up the BBS	4
1.2.3	Set up your Station ID	4
1.2.4	Set up your BBS login	4
1.3 (reate your Winlink account	5
1.3.1	Verify your setup	6
1.3.2	Optional: Change your Winlink Account Password	6
	Gettin 1.1 C 1.2 S 1.2.1 1.2.2 1.2.3 1.2.4 1.3 C 1.3.1 1.3.2	Getting a Winlink Account1.1Creating an Outpost profile for Winlink.1.2Setting up Outpost1.2.1Set up the TELNET Interface.1.2.2Set up the BBS.1.2.3Set up your Station ID1.2.4Set up your BBS login1.3Create your Winlink account1.3.1Verify your setup.1.3.2Optional: Change your Winlink Account Password

References

A good Winlink Introduction:

1. http://kx1ema.org/Winlink_Part_1_Basics_V1.pdf

1 Getting a Winlink Account

Everyone who intends to access Winlink needs a Winlink user account consisting of a valid login (your call sign) and a password. Winlink manages user accounts centrally and ensures anyone sending a message into the Winlink system are valid, known users. In this regard, Winlink is similar to your home or work email provider with access to user mail accounts being tightly controlled. This is different from most amateur radio BBS schemes.

Keep in mind that once a message in the system is retrieved over the air, it is still in clear text; FCC rules forbidding encryption are still in effect.

All the steps you need to establish a Winlink account can be accomplished using Outpost. Whereas the <u>https://winlink.org/</u> site describes the new account process, it does not describe how to use Outpost with Winlink.

These are the steps you will do:

- 1. Creating an Outpost profile for Winlink
- 2. Set up a Telnet Interface
- 3. Set up a Winlink BBS

- 4. Set up your Station ID
- 5. Set up your BBS login
- 6. Connect to Winlink to create your account
- 7. Update Outpost with your new Winlink account password
- 8. Verify it all works, and
- 9. Optional: Update your Winlink Account Password

1.1 Creating an Outpost profile for Winlink

An Outpost Profile is essentially a collection of the current configuration that you can easily load from a single program control. Profiles store the current BBS selection, interface selection, user selection, and all Tools Menu settings. Some uses of Profiles that people have reported are:

- 1. Switching between the primary and secondary BBS
- 2. Setting up different BBS and user name combinations
- 3. Changing different program settings from 'casual user activities' to 'emergency operations activities'

There is no limit to the number of profiles you can create. Profiles are selected from the dropdown menu at the top-right part of the Outpost main form. The default profile that is provided with Outpost is named '*Outpost*'. We recommend using this profile for emergency operations.

🔀 Outpost Packet Message Manager		×
File Edit Setup Tools Forms Actions Help		
New Open Archive Delete Print Send/Receive Profile: Outpost		•
Folder List In Tray		
In Tray U Type From To BBS Local ID Subject	Date/Ti	me \land

We will create a new Profile called "Winlink".

- 1. From Outpost, select **Setup > Profiles.**
- 2. Select New...



 You will be prompted to enter a profile name. Enter Winlink or Winlink_CMS. Press OK when done.

NOTE: Profile names can be anything you want.

- New Profile
 ×

 Enter a Profile Name:
 OK

 Cancel
- 4. This new profile is then set up with the current

settings you have and listed as an option in the Profile dropdown at the top of the form.

🔢 Outpo	st Packet M	essage Man	ager					
<u>F</u> ile <u>E</u> dit	<u>S</u> etup <u>T</u> oo	s Forms <u>A</u>	<u>Actions</u> <u>H</u> e	lp				
New	Open	Archive	Delete	Print	Send/Receive	Profile: Winlink		▼
Folde	r List	In Tray	1					

1.2 Setting up Outpost

1.2.1 Set up the TELNET Interface

- 5. From Outpost, Setup > Interface
- From the Interface Name Dropdown, select "TELNET_Winlink"
- Click on the **Telnet** Tab and confirm the settings look *exactly* like this:

NOTE: Watch the spaces before the colons; they are part of the prompt!

- 8. If one does not exist,
 - a. From the Device Setup form, press **New**
 - b. Name it "TELNET_Winlink"
 - c. Set the Interface Type to Telnet
 - d. select the **Telnet** tab, and then enter the form so it looks like the one above.
- 9. If the form content does not look like this, update these items.
- 10. Press **OK** when done.

Device setup for TEL	NET_WL2K_CMS	×
Type Prompts Th	NC Cmds Init Cmds Com Port AGWPE	_
Telnet Server		
Remote Host:	server.winlink.org	
Remote Port:	8772	
Network Timeout:	5000 msec	
Logon Prompts		
Logon:	Callsign : NOTE: Logon and Password	
Password:	Password :	
	OK Apply Cancel	

1.2.2 Set up the BBS

- 11. From Outpost, **Setup > BBS**
- 12. From the BBS Name Dropdown, select "Winlink". The form should look like this:

If neither one exists

- a. press New
- Enter the form so it looks like this one. No need to change any other tabs or fields.
- 13. When done, Press OK.

1.2.3 Set up your Station ID

Note the Profile name at the top of this form.

- 14. From Outpost, Setup > Station ID
- 15. Set the call sign for which you want to establish a Winlink Account.
 - a. Use the drop-down if previously created, or
 - b. Press **New**, and then enter your user information.
- 16. It should look like this, but with your details.
- 17. Press Apply (not OK).

1.2.4 Set up your BBS login

Select the BBS Logins Tab

- Press New. From the BBS Name dropdown, select the BBS name you configured above.
- 19. In the User/Connect Password field, enter <u>CMSTELNET</u>
- 20. Leave the Winlink Account Password field blank for now.
- 21. Your form should look like this, but with your user login.

👔 BBS setup for Winlink	×
Name Prompts Commands Init Commands Retrieving Path	
BBS Name Winlink	
Connect Name: WINLINK Description:	
BBS Type C Let Outpost determine the BBS and set up the prompts User defines the BBS prompts New	
Non-Identifying BBSs Copy C A44RE BBS C A44RE BBS C A44RE BBS with Tactical Call Customization Delete	
TNC Name Set/Get TNC	
OK Apply Cance	1

Station ID is K6KP	Logins Signatures	×
Current Profile: W	inlink	
User Call Sign:	K6KP New	1
User Name:	Cupertino ARES Delete	11
Message ID Prefix:	6KP (3 Characters max)	-
Tactical		.
🔲 Use Tactical Ca	Il for all BBS interaction	
Tactical Call Sign:	<choose call="" create(new)="" tac=""></choose>	1
Additional ID Text:	Delete	- I
Message ID Prefix:	(3 Characters max)	-
☐ Show this form on	startup OK Apply Can	cel

Station ID is K6KP	×
Identification BBS Logins	s Signatures
Manage password access to s	specific BBSs
BBS logins for: K6KP	New Change Delete
Log on as BBS F K6KP Winlin	Friendly Name
, BBS Name: User Logon:	Winlink K6KP
Winlink Account Password:	CMSTELNET
Description:	Update Cancel
Show this form on startup	OK Apply Cancel

NOTE: Press the **Show** button to display the password field content. Press **Hide** to hide the password field content.

22. Press OK when done.

1.3 Create your Winlink account

- 23. From Outpost, press Send/Receive.
- 24. Outpost will connect to Winlink (the *FIRST TIME*), and then disconnect.
- **NOTE:** If you get a MS Windows network or Firewall pop-up complaining that a program is attempting to reach the internet, press Accept (or Allow). You may have to repeat the above step.
 - 25. From Outpost, press Send/Receive again (the SECOND TIME).
 - 26. Outpost will connect to Winlink a second time and retrieve your new account email. As you watch the Send/Receive session window, you should see it download a message.

🗱 Your New Winlink Account (PM:512)		—		×
File Edit View Actions Windows Help				
Print Reply Reply to All Forward Archive D	elete Close	Û	1 A	A
Private Message				
Bbs: WINLINK Rec'd: 3/13/2)20 15:17 Se	ent: 3/13/202	0 17:59	
From: SERVICE	L	local Msg ID:	6KP-913	3P
To: K6KP				0
Subject: Your New Winlink Account				
A new Winlink account for 'KeKP' has been a connect to a Winlink server or gateway you '4TPA9P' as your account password (no quote In Winlink Express you'll find the option f under "Winlink Express Setup" in the "Files the "Radio Password" and is on the "Tools other programs, consult the appropriate doc You can manage your Winlink account (to inc logging on to the Winlink web site at https recommend that you change your password as It is important that you establish a passwo This address is used to send you your passw	<pre>tlvated. Ine vill be requi s). or configurin ' menu. In Ai Options Se umentation or ude changing //www.winlin soon as possi ed recovery a ord if you ha</pre>	e next time ired to use ng your pass irmail it i ettings" Tai r help file g your pass nk.org. We ible. address as y appen to fo	you sword s calle b. For word) } well! rget it	*d

NOTE! Your password is listed in the 1st paragraph (In the above example, the password is **4TPA9P**).

Update your BBS Login with your Winlink Account password

With your password in hand, do the following:

- 27. From Outpost, Setup > Station ID
- 28. Select the BBS Logins tab
- 29. Double-click on the Winlink entry you previously created.
- 30. Put your new Winlink password in the Winlink Account Password field. This form now looks like this (press **Show**/Hide to see the passwords):

Station ID is K6KP Identification BBS Logins Signatures Manage password access to specific BBSs. Change Delete New BBS logins for: K6KP BBS Friendly Name Log on as... Winlink BBS Name: Winlink User Logon: K6KP User/Connect Password: CMSTELNET Hide Winlink Account Password: 4TPA9P Description: Cancel Show this form on startun OK Apply Cancel

31. Press OK to save.

1.3.1 Verify your setup

32. From Outpost, press Send/Receive and verify Outpost connects to Winlink. If you did not get an error, congratulations! You now have a working Winlink Account!

WHATS HAPPENING

You will not see your password sent. Instead, Winlink will send a *challenge* (;PQ: 82107117) and Outpost will reply with a *response* (;PR: 09734748) based on the password you set. This challenge/response changes every time you connect.

Abort Session	
ICPIP: Connecting to the Network Interface connected!	
Callsign :	
Kekb	
Password :	

[WL2K-5.0-B2FWIHJM\$]	
:PQ: 82107117	
CMS>	
[OUTPOST-3.3.80]	
PR: 09734748	
LM	
No pending messages found	
CMS>	
8	
Disconnecting	

1.3.2 Optional: Change your Winlink Account Password

While not required, you can change your Winlink Account password to something you are likely to remember.

- 33. Go to https://winlink.org/ and select My Account.
- 34. Enter your User Name (call sign) and Password. Press Log in.
- 35. When first logging into the site, you will be asked to enter your contact information about yourself.
- 36. Look for and click on the <u>Password change</u> link. The directions are clear.
- 37. When done, update your Winlink Account Password in Outpost