Personal Online Storage Host User Guide

Version 2.60

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What is Personal Online Storage Host (POSH)

The Personal Online Storage Host (POSH) is a software package which allows you to host your own personal and private online storage. You can backup, archive, or synchronize files from any internet connected PC to your host server. You host the software on a Windows-based server or PC using your own storage. POSH is an excellent data protection and file synchronization solution for home users, home businesses, micro businesses, and businesses with remote workers who wish to save money and host their own remote data storage.

Quick-Start Links

If you are interested in quick-setup, follow these links:

- Installing Personal Storage Host on WHS/SBS 2011 (Integrated WSS Dashboard client)
- Installing Personal Storage Host on Windows Sever or PC (Stand-alone Windows client)
- Our Support blog with general product installation, usage, and maintenance tips

Terms and Definitions

- POSH Server the personal online storage service hosted by you, the administrator, running the Personal Online Storage Host software. This is the server or pc which will store the online hosted data and provide the management tools for you to configure user-access to the online storage pool. This Windows-based server or PC can be located in your home, business, or in a co-lo hosted solution such as Microsoft Azure.
- Archive Manager An archive and backup software solution for protecting Windows-based PC's to the POSH Server. This application should be installed on all PC's you want to protect files to the POSH Server
- Personal File Sync A file synchronization software solution used for synchronizing a set of folders and files between multiple devices
- Client seat a single client PC running the Archive Manager client software or the Personal File Sync client software and stores data on your POSH Server for archive or file sync purposes respectively

Pricing

The POSH software offers a complimentary full-featured version which is free to use up to three client seats. Additional clients seats can be purchased directly through the POSH software (select Options |

Activate order ID | Browse store) or from our <u>website</u>. If you wish to backup and archive Windowsbased PC's to your private server then review our <u>Archive Manager software</u> offering. A free version of Archive Manager is available to use with your active POSH server. If you wish to synchronize files across multiple Windows-based PC's then review our Personal File Sync software. This software is also available free of charge with your POSH server. You can download the free versions of these software clients directly from our <u>website</u>.

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About the POSH Software



As the administrator, you install the POSH software package on your Windows server or pc. This server or pc should always be connected to the internet and powered-on for client connectivity.

POSH Supported Platforms

The POSH software supports all Microsoft Server and Desktop operating systems with Microsoft IIS7 or IIS8 web services installed. Note, IIS 7 and IIS 8 are included in most versions of Windows Server and Desktop.

POSH Operating System Requirements

- Windows Server 2012, 2008
- Windows Home Server 2011
- Windows Small Business Server 2011
- Windows Storage Server 2008 R2
- Windows Vista, 7, 8 (64-bit only)

Software Requirements

- Microsoft IIS 7 or IIS8 (included on all OS's noted above)
- Microsoft .NET 4.0

About Archive Manager Software Client



Archive Manager is software which archives and backs-up your data. The software supports virtually all Windows-based operating systems. You will install a copy of Archive Manager on each client PC you

want to back-up to your POSH server. The Archive Manger software connects each client PC to your host POSH server allowing each client to protect their PC on-demand or on a set automated schedule.

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Supported Platforms

Archive Manager supports virtually every Microsoft Server and Desktop operating system currently on the market.

Operating System Requirements

- Windows Server 2012, 2008
- Windows Home Server 2011
- Windows Small Business Server 2011 Essentials
- Windows XP, Vista, 7, 8

Software Requirements

• Microsoft .NET 4.0

About Personal File Sync Software Client



The Personal File Sync client is software which integrates directly into the Windows Explorer. A new volume named "personal file sync" will be located in the root of Windows Explorer. All files and folders in this volume will automatically be synchronized across all of the devices in your file sync group as created on the POSH host. This service is similar to the well-known Dropbox and Sugarsync services except your data is kept private and personal hosted by you on your own server. The software supports virtually all Windows-based operating systems. You can install a copy of Personal File Sync on as many PC's as you have user-seats available. The File Sync software connects each client PC to your host POSH server allowing each client to synchronize their files easily and securely through your personal server. File data is always secured with 256-bit AES encryption. Files are encrypted on the client PC before entering the internet, remain encrypted when stored on your personal POSH server, and only decrypted on the target client PC after being downloaded over the internet from the POSH server.

Supported Platforms

Personal File Sync supports virtually every Microsoft Server and Desktop operating system currently on the market.

Operating System Requirements

- Windows Server 2012, 2008
- Windows Home Server 2011
- Windows Small Business Server 2011 Essentials
- Windows XP, Vista, 7, 8

Software Requirements

Microsoft .NET 4.0

Installing the POSH software

The POSH software is comprised of two parts: a web service and a user-interface administration control. The web service, named OBHWebConnect, is built on Microsoft .NET technology and requires Microsoft Internet Information Services. The user-interface, named Personal Storage Host Viewer, is a Windows application built with Window Presentation Foundation (WPF) technologies and requires Microsoft .NET 4.0.

Installation of the software is accomplished by a simple wizard-based Windows software package. After the product installation is complete, the POSH service will be automatically configured for you. If you would prefer to manually install the web service then see <u>Appendix A</u>.

Installing the Personal Storage Host

Download the installation file named PersonalStorageHostForWindows.msi to your server or PC which will be used to host the web service. Double-click the PersonalStorageHostForWindows.msi file to begin installation.

Server Users: If you're installing the Personal Storage Host on Windows Home Server 2011 or Windows Server 2012 Essentials and want direct integration with the server Dashboard then install the personalstoragehost.wssx package instead of PersonalStorageHostForWindows.msi. Product usage and features remain the same.

Coordinate and a strain	Downloads		✓ ⁴ y Search Downle	cads	• • <mark>×</mark>	8
Organize 🔻 😽 Instal	I ▼ Share with ▼ Burn New folder			•== •		
☆ Favorites	Name	Date modified	Туре	Size		
Desktop Downloads Recent Places	追 PersonalStorageHostForWindows	12/8/2013 7:44 PM	Windows Installer Package	3,241 KB		
 Documents Music Pictures Videos 						
輚 Homegroup						
🖳 Computer						
두 Network						
PersonalStora Windows Instal	i geHostForWindows Date modified: 12/8/2013 7: Ier Package Size: 3.16 MB	44 PM Date crea	ited: 12/10/2013 4:21 PM			

Figure 1 – Locate the PersonalStorageHostForWindows.msi installation package

A simple installation wizard will guide you through the installation process. Press Next to continue

Personal Storage Host	- • •
Welcome to the Personal Storage Host Setup Wizard	
The installer will guide you through the steps required to install Personal Storage computer.	Host on your
WARNING: This computer program is protected by copyright law and internation Unauthorized duplication or distribution of this program, or any portion of it, may re or criminal penalties, and will be prosecuted to the maximum extent possible under	al treaties. esult in severe civil er the law.
Cancel < <u>B</u> ack	Next >



Enter the name of the folder where you want to install the POSH software. Click Next to continue

谩 Personal Storage Host	- • •
Select Installation Folder	
The installer will install Personal Storage Host to the following folder.	
To install in this folder, click "Next". To install to a different folder, enter it be	low or click "Browse".
Eolder: C:\Program Files\electrongoo\Personal Storage Host\ Install Personal Storage Host for yourself, or for anyone who uses this cor	B <u>r</u> owse Disk Cost
Everyone	
⊚ Just <u>m</u> e	
Cancel < <u>B</u> ack	Next >

Figure 3 - Installer folder location

The installation wizard has gathered enough information to complete the installation process. If any missing dependencies are detected, such as the Microsoft .NET 4.0 Framework, you will be prompted and provided a URL to download the dependences from the Microsoft website.

Click Next to begin

谩 Personal Storage Host	
Confirm Installation	
The installer is ready to install Personal Storage Host on your computer. Click "Next" to start the installation.	
Cancel < <u>B</u> ack	<u>N</u> ext >

Figure 4 - Installer ready to copy files

The primary installation of the POSH software is complete. Click on the Close button to dismiss the installation wizard and begin the one-time web-service configuration phase

Personal Storage Host	- • •
Installation Complete	
Personal Storage Host has been successfully installed.	
Click "Close" to exit.	
Please use Windows Update to check for any critical updates to the .NET Fram	ework.
Cancel < <u>B</u> ack	

Figure 5 - Installer complete

First Time Startup

On first run, the Personal Storage Host Viewer application will prompt for your registration information. Enter your email address and order id as provided via email after your online purchase. Alternately, click the Exit button to use the Courtesy version of the software for as long as you like. The Courtesy version is a fully-featured version of the software which supports a maximum of three user-seats. You may purchase the software at any time within the software by selecting Options | Activate Order ID | Browse Store).

Note the email address and order id are case sensitive

Personal Storag	je Host Viewer					12
🗬 Status 💄	Archive Users	Lange File Sync Gro	oups			15
Type	Da	ite		Description		
Information	12/10/20 ⁷ Regist	er Ca En Or	Please add confirma soft nail rder ID	e register the software below. Use your email ress and order number from your purchase ation. Alternately, you can continue to use the tware in complimentary mode with 3 seats. User name Browse store now Register Exit 2.60	ne Next >>	
Licensed to: Complimentary						
🔅 Options 🅤	🔅 Options 👕 Clear all items 💥 Clear selected item 🖹 Copy to clipboard 🛛 Activate purchase order ID					
Active	P	ersonal Storage Host	t, Vers	sion 2.60 (0/3 seats used)		

Figure 6 - Product registration

Automatically Install the POSH Web Service

If you see any red X's then you'll need to either resolve the issue before proceeding or you can close the dialog or manually configure the web service as described in <u>appendix A</u> of the user's manual. Here are some tips on resolving errors marked with a red ex:

Configure web service		—
	You must configure the Pe your server. Review the ir Configure' button. Alterna manually using the IIS Mar appendix A in the user's m	ersonal Storage Host web service to run on nformation below then press the 'Auto tely, if you would rather configure the service nager press the 'Exit' button and refer to nanual and then restart this software
	IIS service active:	🗸 ок
	Installed version:	None
	Latest version:	2.60
	Automation components:	🗸 ок
	Website name:	Default Web Site
	Target folder:	C:\inetpub\wwwroot
		Exit Auto configure

Figure 7 - automatically configure web service

 IIS Service active - from the Windows Start menu, type "iis" in the search box to run the IIS Manager. In the Actions pane in the upper-right select Server Manager | Start to start the IIS service on your server.

TIP: If you are running a Windows PC, such as Windows 7, with UAC (User Account Control) enabled then the Personal Storage Host Viewer will not have access to the IIS service api and you will see a red ex. To resolve this issue you can either:

- temporarily disable UAC and re-run the software or ...
- close the software, run Personal Storage Host View as Administrator (right click on Personal Host Viewer | Properties | Compatibility | and select Run this program as an administrator). Note: you can re-enable UAC and/or disable the administrator setting after the web service has been configured.
- 2. **Installed version** there should never be an error noted here. This is simply helpful information letting you know which version of the web service you currently have installed if you're upgrading the Personal Storage Host software. If this is a first-time install then this version will be 0
- 3. **Latest version** there should never be an error noted here. This is simply helpful information letting you know which version of the web service you are currently installing
- 4. **Automation components** the Microsoft.Web.Administration .NET components must be installed for the automated configuration to proceed. These are typically installed as part of the base operating system so this error should rarely occur. But, if you uninstalled these components from your system then you will need to configure the web service manually as described in <u>appendix A</u> of the user's manual

After pressing the Auto Configure button, the POSH web service will be installed on your default website. You will be presented with status and can review each completed task.

U	pdate OBH web	o service	— ×
	Progress		
	Time	Event	•
	12:17:29.125	updating uploadfinalize.aspx.cs	
	12:17:29.125	updating uploadpiece.aspx	
	12:17:29.172	updating uploadpiece.aspx.cs	
	12:17:29.172	updating verify.aspx	
	12:17:29.172	updating verify.aspx.cs	
	12:17:29.187	updating web.config	
	12:17:29.187	updating OBHVersion xml	
	12:17:29.203	39 files updated	
	12:17:29.203	setting new application pool specifications	-
	12:17:29.203	creating new web application	
	12:17:29.234	commiting changes to iis manager	=
	12:17:29.312	The web service update to version 2.50 succeeded	
			*
			Exit

Figure 8 - web service configuration status

Configure the Settings of Your Host Server

One-time setup				
	Welcome! 1	This one-time setup will configure the software for your pers	onal server	
	- Detected settings			
	Host Id	f33e400d-33bb-41ab-a53f-4f843d6def16		
	Host domain	me.homeserver.com	Verify	
	Configured setting	JS		
	Host Name	My Home Server		
	Storage path	D:\onlinestorage	Browse	
		Continue	Cancel	

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Enter the three configurable settings described below:

- Host Id a randomly generated globally unique ID configured for you
- **Host name** domain name of your server (this is the domain name you assigned to access the remote access features of your server over the internet. For example, Microsoft offers free domain forwarding services via their homeserver.com domain name)
- Host Name any unique name you would like to be recognized as your web-service. This name will be visible to all clients of your service
- Storage Path path to the folder that will contain all user archive and synchronization data uploaded to the server

Press the Verify button to verify you entered the host URL correctly. If the setting is correct then a web page will open and display "PASS" for the Personal online host status web page



Figure 10 - Verifying the POSH server connection

Finally, press the Continue button to complete the one-time configuration. The POSH software is now setup and ready for use

First Run

Now that the software is configured, you should see the status screen. You can now create archive users, file sync users, review user status, and adjust settings

Personal Storage Host Viewer						
🗬 Status 💄	Archive Users 🛛 🎩 File Sync G	roups				
Type	Date	Description				
Information	12/10/2013 6:25:40 PM	Personal Storage Host service has successfully started				
			User name << Previous Next >>			
			Personal Storage Host			
			Version: 2.60			
			Licensed to: Complimentary			
🔅 Options 🍵	👕 Clear all items 💥 Clear selec	ted item 菖 Copy to clipboard	Activate purchase order ID			
Active	Personal Storage Ho	ost, Version 2.60 (0/3 seats used)				

Figure 11 - First run

Creating a New Archive User

You must create an archive user for each user that you want to give access to your storage server via the <u>Archive Manager software</u>. To create a new archive user, select the Archive Users tab on the top tabbar

🔐 Personal S	Personal Storage Host Viewer					
🗬 Status	💂 Archive Users	Law File Sync Groups				
	Name	Creation date	Description			
🖓 Import	🎧 Import data 🔍 View user 🦯 Edit user 菖 Copy to clipboard 🏖 Create user					
Active	P	Personal Storage Host, Version 2.60	(0/3 seats used)			

Figure 12 – archive user viewer

Click the Create User button on the bottom tab bar to display the Create User dialog

Create user	
User account -	
User Id	738d5817-c188-4ebb-a6b6-5cf754ee5cbf
User descripti	on
User name	Random Name
Access Id	Random ID
Limits	
Storage limit	0 GB 💌
Bandwidth limi	t 0 GB v per month v
Access	
Storage folder	C:\OnlineStorage Browse
Disabled	
Device configura	tion file
Target folder	C:\Users\sarah\Desktop Browse
	Save Cancel

Figure 13 - new user creator

Enter each field to describe the new user. You can define the users: name, description, storage limits, storage folder, and final location of the users Device Configuration File

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Create user		— ×
User account		
User Id	738d5817-c188-4ebb-a6b6-5cf754ee5	icbf
User description	jim at home	
User name	jim	Random Name
Access Id	92700	Random ID
Limits		
Storage limit	0 GB 💌	
Bandwidth limit	0 GB 💌	per month 💌
Access		
Storage folder	C:\OnlineStorage	Browse
Disabled		
Device configuration	n file	
Target folder	C:\Users\sarah\Desktop	Browse
		Save Cancel



Enter the fields as described below:

- User Id a randomly generated globally unique ID. This is configured for you
- User description a friendly description used for you to identify the user. This will only be displayed within the Personal Storage Host Viewer software; not displayed in the user's client software
- **User name** the users name which you will be required to provide to the user to log into your server (alpha-numeric characters only)
- Access Id A temporary five digit numeric value which you provide to the user to create their account in their client software. The user will replace this temporary access id with their own password when they create their account
- Storage limit maximum amount of data the user can store on your server
- Storage folder location of this users data stored on your server (default from one-time setup)

• Device configuration file – the target folder to contain this users Device Configuration File. This file will be provided to the user to configure access to your server 21

Press the Save button create the new user. A Device configuration file will be created and stored in the specified folder

Success	
i	The configuration file named C:\Users\sarah\Desktop\jim_738d5817-c188-4ebb-a6b6-5cf754ee5cbf.cf g has been successfully created
	ОК

Figure 15 - Device configuration creation

Press the OK button to dismiss the notification dialog. The new user will now be displayed under the Users tab of the main window of the Personal Storage Host Viewer application

Personal Storage Host Viewer						
Status	Archive Users	Law File Sync Groups				
	Name	Creation date		Description		
jim		12/10/2013 6:56:17 PM	jim at home			
🞧 Import data 🔍 View user 🦯 Edit user 팀 Copy to clipboard 🏖 Create user						
Active	P	ersonal Storage Host, Version 2.60	(1/3 seats used)			

Figure 16 – archive user list

Return to the Archive Users tab at any time to edit, monitor, or import data for this user. You will find details on these actions in the following sections. For now, you must provide the device configuration file to the user so they can connect to the POSH server

Creating a New File Sync Group and Sync User

You must create a file sync group and two or more users for each file sync group you want to give access to your storage server via the <u>Personal File Sync client</u>. To create a new file sync group, select the File Sync Groups button on the top tab-bar

Personal Storage Host Viewer	
Status 🔔 Archive Users 🎎 File Sync Groups	
Name	User count
🖌 Edit group 📔 Copy to clipboard 🌆 Create group	
Active Personal Storage Host, Version 2.60 (1/3 seats used)	

Figure 17 – file sync group viewer

Click the Create Group button to display the Create Group dialog

Create sync group	
Group identification	
Group Id	a6cdd91d-50aa-4601-96a6-46256b9c53fe
Group name	Random Name
Limits	
Storage limit	GB 💌
Bandwidth limit	GB v per month v
Access	
Storage folder	C:\Storage Browse
Disabled	
L	Create Cancel

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Figure 18 - new user creator

Enter each field to describe the new group. You can define the groups: name, storage limits, and storage folder. Leave the Storage Limit empty if you do not want to place a limit on the amount of storage used for this sync group. All users added to this sync group will share these settings. Press the Create button to create the new group and add sync users

Edit sync group settings					
Group identification					
Group Id	0713a786-9f2f-4677-825e-da56df747fba				
Group name	Sarah's sync group				
Limits					
Storage limit	GB 💌				
Bandwidth limit	GB 💌 per month 💌				
Users					
Name	Description				
Delete user	Edit user Add user				
	Exit				

Figure 19 – edit sync group

Now you must create two or more sync users for the sync group. Press the Add User button to add a new sync user.

C	reate user			×
	User account			
	User Id	dc29e63c-1cf3-4262-a5d4-17d0052982	Ъ4	
	User description	sarah's macbook		
	User name	sarahmacbook	Random Name	
	Access Id	30693	Random ID]
	Device configuration	file		
	Target folder	C:\Users\sarah\Desktop	Bro	wse
	Access			
	Storage folder	C:\Storage		
			Save Ca	ancel

Figure 20 - create new file sync user

Enter the fields as described below:

- User Id a randomly generated globally unique ID. This is configured for you
- User description a friendly description used for you to identify the user
- User name the users name which you will be required to provide to the user to log into your server (alpha-numeric characters only)
- Access Id A temporary five digit numeric value which you provide to the user to create their account in their client software. The user will replace this temporary access id with their own password when they create their account
- Storage folder location of this users data stored on your server (default from one-time setup)
- **Device configuration file** the target folder to contain this users Device Configuration File. This file will be provided to the user to configure access to your server

Press the Save button create the new user. A Device configuration file will be created and stored in the specified folder



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Figure 21 - Device configuration creation

Press the OK button to dismiss the notification dialog. Create as many file sync users for this sync group as you wish (up to your current seat-limit).

Edit sync group setting	s			×
Group identification				
Group Id	0713a786-9f2f-4677-8	25e-da560	ff747fba	
Group name	Sarah's sync group			
Limits				
Storage limit		GB	•	
Bandwidth limit		GB		er month 💌
Users Name	Description			
win7pc sarahmacbook	sarah at home sarah's macbook			
Delete user			Edit use	r Add user
				Exit

Figure 22 - create file sync users

After all the file sync users have been created, press the Exit button to dismiss the Edit Sync Group Settings dialog. The new sync group will now be displayed under the File Sync Groups tab of the main window of the Personal Storage Host Viewer application

Personal Storage Host Viewer		
Status 🔔 Archive Users 🎥 File Sync Grou	ıps	
	Name	User count
Sarah's sync group		2
🖌 Edit group 팀 Copy to clipboard 🏖 Create	group	
Active Personal Storage Host,	Version 2.60 (3/3 seats used)	

Figure 23 – file sync group list

Return to the File Sync Group tab at any time to edit, monitor, or add new users to this group. You will find details on these actions in the following sections. For now, you must provide the device configuration file to the user so they can connect to the POSH server using the Personal File Sync client software

The Device Configuration File

The device configuration file is one of three components required for each user to configure the Archive Manager client software and/or Personal File Sync client software on their systems. Each user requires these three items to configure their system:

- 1. **Device configuration file** an encrypted 1KB file with the name <username>_<globally unique ID>.cfg defining the POSH server location and access rights
- 2. **Username** the username created by you, the administrator, for the user to identify themselves during account creation and login

Access ID – a temporary password allowing the user to create their account. During account creation the user will create a new personal password which will replace the Access ID. After an account is created the Access ID will never be used again

				- • •
🕞 🗢 🗮 Desktop 🔸		- 4	✤ Search Desktop	٩
Organize 👻 📄 Open	Share with 🔻 🛛 Burn 🔹 New folder			
☆ Favorites	Name	Size	Item type	Date modified
Nesktop	🥽 Libraries			
🗼 Downloads	🤣 Homegroup			
🖳 Recent Places	诸 sarah			
	🖳 Computer			
📄 Libraries	🖣 Network			
Documents	🥶 Control Panel			
Music	🗑 Recycle Bin			
Pictures	jim_738d5817-c188-4ebb-a6b6-5cf754ee	Scbf.cfg 1 KE	3 CFG File	5/11/2013 6:06 PM
Videos				
🤣 Homegroup				
🖳 Computer				
📬 Network				
-				
jim_738d5817 CFG File	c188-4ebb-a6b6-5cf754ee… Date modified: Size:	5/11/2013 6:06 PM 1.00 KB	Date created: 5/11/201	13 6:06 PM

Figure 24 - Location of device configuration file

The user is now ready to configure their system. You will need to provide the following to the user so they can activate the client software on their system.

When installing the Archive Manager client software for backup and archive features you must provide to the user:

- Device configuration file, username, and access id as created in the <u>Creating a New User</u> section above
- 2. URL to download the <u>Archive Manager software</u>
- 3. this document with specific reference to the <u>Installing the Archive Manager Software</u> section and/or a link to the <u>Archive Manager support blog</u>

When installing the Personal File Sync client software for file synchronization features you must provide to the user:

- 1. Device configuration file, username, and access id as created in the <u>Creating a New User</u> section above
- 2. URL to download the Personal File Sync client

3. this document with specific reference to the <u>Installing the Personal File Sync Client Software</u> section and/or a link to the <u>Personal File Sync support blog</u>

For security reasons, you should not send all configuration items to the user at all at once. For example, you can email the user the following information: device configuration file, username, download URL, and this documentation. After they receive that information then you can phone, instant message, or send a second email and let the user know their Access ID.

For the highest level of security the user should activate the Archive Manager client software and/or Personal File Sync client software as soon as possible after they receive the configuration information. This will limit the amount of potential time that the Access ID could be compromised. After the users account is activated, the account is protected by the user's personal password and 256-bit AES encryption.

Editing Users

You can edit a user at any time by selecting the Users tab and pressing the Edit User button

😂 Personal St	orage Host Viewer		
🗬 Status	Archive Users	Law File Sync Groups	
	Name	Creation date	Description
jim		12/10/2013 6:56:17 PM	jim at home
💫 Import	data 🔍 View user	🧪 Edit user 📒 Copy to clipb	ooard 🌆 Create user
Active	 F	Personal Storage Host, Version 2.60	(3/3 seats used)

Figure 25 - Editing a user

You can edit the user description and storage limit.

If a user needs to reset their password then select the check-box next to the Access ID field. Note, once you create a new Access ID for a user then they will not be able to login until they reactivate their Archive Manager client software with the new Access ID and create a new password

Edit user			×
User account			
User Id	f17d2096-9369-4578-9746-32b9035a1	062	
User description	jim at home		
User name	jim	Random Name	
Access Id	76042	Random ID	
Limits			
Storage limit	0 bytes 💌		
Bandwidth limit	0 bytes 💌	per month	-
Access			
Storage folder	C:\Storage	Browse	:
Disabled			
Device configuration	file		
Target folder		Browse	•
		Save Cance	el

Figure 26 - archive user edit dialog

Deleting Users

You can delete a user by selecting the Users tab and pressing the Edit User button

🝚 Personal St	orage Host Viewer	_			- • •	
The Status	💂 Archive Users	Law File Sync Groups				3
	Name	Creation date		Description		
jim		12/10/2013 6:56:17 PM	jim at home			
-	-					
C2 Import	data 🔍 View user	🖌 Edit user 📔 Copy to cli	pboard 🌆 Create user			
Active	F	Personal Storage Host, Version 2.60	(3/3 seats used)			

Figure 27 - archive user list

While viewing the Edit User dialog simultaneously hold down the Shift, Control, and ALT buttons. A Delete User button will become visible in the lower-left corner of the dialog

Edit user			- ×-
User account			
User Id	f17d2096-9369-4578-9746-32b9035a1	062	
User description	jim at home		
User name	jim	Random Name	
Access Id	76042	Random ID	
Limits			
Storage limit	0 bytes 💌		
Bandwidth limit	0 bytes 💌	per month	
Access			
Storage folder	C:\Storage	Bro	owse
Disabled			
Device configuration	file		
Target folder		Bro	owse
Delete user		Save C	ancel



Press the Delete User button to delete the user account and all associated user data. WARNING: this operation **CANNOT** be reversed. All of the users data uploaded to the POSH server will be deleted.

Installing the Archive Manager software

Installation of Archive Manager software client on your Windows-based system is a simple wizardguided process. The complexity of configuration Archive Manager is based on the specific usage requirements of the client. The steps below focus on installation and configuration of Archive Manager for the most common backup, archive and restore requirements. Archive Manager is a full-featured backup/archive software package which can be used to protect data to local storage devices in addition to the configured POSH server. You can find additional details about configuring and using Archive Manager on the product <u>website</u> as well as the <u>support blog</u>

Initial Setup

Locate the installation package named ArchiveManagerPOSH.exe. Double-click the file to launch the installation wizard. Note you can download the installation package from the <u>website</u>.

				- • •
G ⊂ ↓ sarah ↓	Downloads	- - i i j	Search Downloads	٩
Organize 👻 Include in	library Share with Burn New	folder		:= • 🔟 🔞
🔆 Favorites	Name	Date modified	Туре	Size
📃 Desktop	ArchiveManagerPOSH.exe	12/11/2013 12:25 PM	Application	1,865 KB
Downloads				
过 Recent Places				
🕞 Libraries				
Documents				
J Music				
Pictures				
📑 Videos				
🤣 Homegroup				
🖳 Computer				
年 Network				
1 item				

Figure 29 - Archive Manager download package

The installation wizard will automatically evaluate the system and gather requirements

Windows Installer	
Preparing to install	
	Cancel

Figure 30 - Archive Manager install prep

Read and accept the license agreement and click Next to continue

<u>ا التي</u>	Archive Manager Online Premium	for Windows	
Li	cense Agreement		
Ple Ag	ease take a moment to read the licens ree", then "Next". Otherwise click "Ca	e agreement now. If you accept the terr ancel''.	ns below, click ''l
	END-USER LICENSE A	GREEMENT FOR ARCHIVE MAN	AGER
	IMPORTANT: PLEASE READ T	HE TERMS AND CONDITIONS O	FTHIS
	LICENSE AGREEMENT ("LICEN	ISE AGREEMENT") CAREFULLY B	EFORE
	USING THE SOFTWARE (AS DE	EFINED BELOW).	
	This End-User License Agree (either an individual or a sing	ment is a legal agreement bety gle entity) and electrongoo for	veen you the
(🗇 I <u>D</u> o Not Agree		
		Cancel < <u>B</u> ack	<u>N</u> ext >

Figure 31 - Archive Manager license agreement

Select a location to install the Archive Manager software and click Next

B Archive Manager Online Premium for Windows	- • •
Select Installation Folder	
The installer will install Archive Manager Online Premium for Windows to the To install in this folder, click "Next". To install to a different folder, enter it bel	ollowing folder. ow or click "Browse".
Eolder: C:\Program Files\electrongoo\Archive Manager Online Premium for \-	Browse Disk Cost
Cancel < <u>B</u> ack	<u>N</u> ext >

Figure 32 - Archive Manager installation folder

At this point, the installation wizard has enough information to install the Archive Manager software. Click Next to begin the installation. If any missing dependencies are detected, such as the Microsoft .NET 4.0 Framework, you will be prompted and provided a URL to download the dependences from the Microsoft website.

🔀 Archive Manager Online Premium for Windows 📃 🖃 💌
Confirm Installation
The installer is ready to install Archive Manager Online Premium for Windows on your computer. Click "Next" to start the installation.
Cancel < <u>B</u> ack Next >

Figure 33 - Archive Manager installation information gathered and ready

The installation proceeds
B Archive Manager Online Premium for Windows	- • •
Installing Archive Manager Online Premium for Windows	
Archive Manager Online Premium for Windows is being installed.	
Please wait	
Cancel < <u>B</u> ack	<u>N</u> ext >

Figure 34 - Archive Manager installation progress

You are notified once installation is complete. Press the Close button to finalize the process. The Archive Manager software will automatically launch after installation is complete.

B Archive Manager Online Premium for Windows	- • •	
Installation Complete		
Archive Manager Online Premium for Windows has been successfully installed. Click "Close" to exit.		
Please use Windows Update to check for any critical updates to the .NET Framework.		
Cancel < <u>B</u> ack		

Figure 35 - Archive Manager installation complete

Importing the User Configuration File

Archive	Manager Online Premiu	um for Windows		39
Hom	ie 🗬 Status 🕔	Archives Jobs		
	Online device verificat	ion]	
۲		To use this software, you must register it with your personal online data host. You can use this software free of charge as long as your subscription to personal online data host remains valid.		
0		a file on my local computer (e.g. c:\) Browse G a url on the internet (e.g. http)		
J		Filename Username	xt >>	
Q.		Access code Password Verify password		
X		Cancel Verify		
No connect	tion Archive	e Manager Online, Version 2.30 (Licensed to)	лауе іі	

Figure 36 - Archive Manager OBH device verification

The Online Device Verification dialog prompts for the clients POSH account authentication details. Enter each value and press Verify to continue.

- **Device configuration file** this file will be provided by the administrator of the POSH server. The administrator will provide you the file in one of two forms:
 - A file of the form username_id.cfg
 - A URL of the form http://www.awebsite.com/ username_id.cfg
- Filename/Url depending if you are using a file or a url to locate the Device Configuration File (.cfg) this will be either:
 - The full path to a .cfg file stored on your local system
 - A URL pointing to a web server to download the .cfg file
- **Username** this is an alphanumeric value provided to you by the administrator of the POSH server. This friendly identification will uniquely identify you
- Access code this is a numeric value provided to you by the administrator of the POSH server. This is a temporary value allowing you to create your own personal password. Once the account has been verified and activated the access code is no longer valid. The user created password will be used for all future authentication

- Password enter a unique personal password of your choice. Save this password in case you
 ever need to re-authenticate the Archive Manager software. This password will be encrypted
 and hashed for your protection at all times
- Verify Password re-enter the same unique personal password for verification purposes

You will be notified when the software has been activated. If activation fails then verify your entry matches the information the administrator of the POSH server provided to you and re-try. If activation still fails then contact the administrator and verify your account is enabled and the POSH server is currently online

🔍 Archive	Archive Manager Online Premium for Windows		
Hom	e 🗬 Status 🤍 Archives 📄 Jobs		
1	Online device verification		
0	To use this software, you must register it with your personal online data host. can use this software free of charge as long as your subscription to personal online data host. data host remains valid.	You online	
	Success		
	Congratulations! The software has been successfully activated	150f-ai	
	ОК	ext >>	
Q 5	Password		
	Verify password		
X	Cancel Verify		
	Reconnect to onl	ine storage	
Idle	Archive Manager Online, Version 2.30 (Licensed to sarah)		

Figure 37 - Archive Manager device verification complete

Click the OK button and Archive Manager's one-time configuration wizard is launched



Figure 38 - Archive Manager one-time software configuration

Since this is a first-time installation of Archive Manager, select "No, I do not have existing archive sets" and press the Next button where you will create an encryption key to protect your data. Setting an encryption key protects your data as it is transmitted over the internet and stored on the POSH server.

An encryption key must be between 8 and 32 characters in length. The longer the encryption key, the more secure your data will be. *Make sure you remember your encryption key*. If you ever re-install the Archive Manager software then you must re-enter your encryption key to recover and reattach existing archives.

Enter a personal encryption key and click the Set key button



Figure 39 - Archive Manager encryption key configuration

Re-enter your personal encryption key and press Verify. If the keys do not match then you will be prompted to re-enter the encryption key otherwise you will proceed to the next wizard page

Verify encryption key	
Re-enter your encryption key and p	ress Verify
,	
	Cancel Verify
	vony

Figure 40 - Archive Manager encryption key validation

A list of devices that can be used to store your archived data is displayed. This list will include the POSH server device already configured as well as any local storage devices compatible with Archive Manager. A list of auto-detected storage devices will also be displayed. You can use any of these devices with Archive Manager to protect your archived data

Note if you have additional local storage devices not displayed in the list then power-on the device and press the Scan button to automatically detect the device. If you want to configure a local server UNC

path (e.g. <u>\\myserver\myshare</u>) as a storage device then press the Add button and specify the UNC Path, Username, and Password.

Press the Next key to continue

Archive Manager Online
Scan for devices detect storage devices on your system
This is a list of all storage devices found on this system. If a storage device is not displayed in the list then power-on the device and press Scan to detect the device. New storage devices can always be added later
slo D:\ [images] C:\ [NONE]
Add Scan
< Back Next > Cancel

Figure 41 - Archive Manager device list

Archive Manager's one-time configuration wizard is now completed. Check the box "Launch the job creation wizard now" and press the Finish button to create an archive job



Figure 42 - Archive Manager one-time configuration complete

Now it's time to create an archive job. The archive job will be used to create one or more archives; each archive will contain your protected data

Select the Create New Job radio-button and press the Next button

Building your First Archive

Archive Manager Online
Job creation wizard create a new job or edit an existing job
 Create new job Define a new job. Select the storage device, folders, file types, encryption and compression levels you want to use Create a new job from an existing job specification Define a new job using an existing job as a template. This is useful if you want to create a job that is similar to an existing job you previously created Use advanced wizard for more features and control
< Back Next > Cancel

Figure 43 - Archive Manager job creation wizard

A list of all storage devices is displayed. Select the POSH server device and press the Next button

Archive Manager Online			
Job creation wizard select the storage device where you wish to store your archives			
Select the storage device to use for thi	s job		
Device name	Total space	Device type	
slo	0 Bytes	Online storage	
D:\ [images]	931.51 GB	Local HDD	
		Setti	ings
		< Back Next >	Cancel

Figure 44 - Archive Manager device selection

Optional: Archive Manager allows archiving data to a proxy device. This is a useful feature when large quantities of data will be archived to a relatively slow storage device. For example, when creating a new archive job which will initially process many hundreds of gigabytes or more it might be reasonable to use a proxy device based on the speed of the internet connection between your system and the POSH server. The first archive would be created on a local storage device such as a USB key or removable USB hard-drive. Once the archive is complete then that local storage device can be sent to the administrator of the POSH server to be imported. Future archives, which would be smaller in size since only new and changed files would be processed, would be archived directly to the POSH server without the use of a proxy device. If you want to enable a proxy device then visit http://www.thearchivemanager.com for advanced details on configuring a proxy device, sending the proxy device to the POSH administrator, and resetting a proxy device for an existing archive job.

Select None from the device list and press Next to continue

46

Archive Manager Online			
Job creation wizard Select an optional "proxy" storage device if you wish to "mail in" the data for this job			
Optional "proxy" local storage device			
Device name	Total space	Device type	
None			
D:\ [images]	931.51 GB	Local HDD	
C:\[NOÑE]	465.76 GB	Local HDD	
		< Back Next > 0	Cancel

Figure 45 - Archive Manager 'proxy' device selection

Select one or more folders to be archived whenever this archive job is activated

47

Archive Manager Online	
Job creation wizard specify which folders to include in the archive	
Select the folders to be archived	
	Remove Browse
	< Back Next > Cancel

Figure 46 - Archive Manager select folders to protect

Press the Browse button to browse for folders. If you need to select more than one folder then press the Browse button again for each folder to be added



Figure 47 - Archive Manager folder selection

After selecting the folders to be archived then press the Next button to continue

Archive Manager Online	
Job creation wizard specify which folders to include in the archive	
Select the folders to be archived	
C:\Users\sarah\Documents	
	Remove Browse
	< Back Next > Cancel

50

Figure 48 - Archive Manager folder selection view

Select the following options:

- Encrypt to secure files with AES 256bit encryption
- **Compress** to make files smaller before transmitting
- Verify after to verify files have been archived successfully
- Only Archive new and changed files archive the smallest sets possible
- Status reporting: Basic only log warning and errors
- Queue processing: Normal

Press the Next button to continue

Archive Manager Online	
Job creation wizard specify basic options for the job; encryption, compression, status repo	rting
 Encrypt Compress Verify after Delete original files after successful archive 	Status reporting C None Basic C Full
 Only archive new and changed files Automatically delete outdated archives after each full archive Incremental archives between each full archive Full archives to keep during auto-delete 	Queue processing C Fast Normal Slow
< 8	Back Next > Cancel

Figure 49 - Archive Manager general settings

Select the following options:

- Set a schedule
- Daily
- Daily start time 10:00 PM
- File count change equal to or greater than 20

This will create an archive job which will protect all files each evening at 10PM or whenever 20 or more new or changed files have been added to your system. This is a good all-purpose archive job since it provides a minimum daily archive as well as versioning of your files if they are altered during the day. If you want dedicated versioning of each file change then you could change the "File count change equal to or greater than" value to 1. A setting of 1 would archive every version of your files in real-time as they are changed or created.

Press the Next button to continue

Archive Manager Online	52
Job creation wizard select how you want to run the job manually or on a schedule	
When do you want to run the job?	
C Run manually Daily start time 10:00 PM	
Set a schedule Image: Daily	
Also, the job can scheduled automatically based on real-time file changes	
File count change equal or greater than 20	
File size change equal or greater than 0 📩 bytes 🔻	
< Back Next > Cancel	

Figure 50 - Archive Manager schedule settings

Enter a description of the archive job to remind you what it contains then press the Finish button to continue

rchive Manager Online
Job creation wizard your job has been defined and is ready to run
Your job specification is complete. You can now create archives using this job. Specify a job description below and press the Finish button to create the job
Sarah's documents folder
< Back Finish Cancel

Figure 51 - Archive Manager job description

The archive job has been created and is now ready to protect your data. You will see the main Archive manager screen. The Upcoming Events list shows the archive job is scheduled for 10PM tonight.

Archive Manager will automatically run the archive job at 10PM every night, waking your PC if it is in sleep mode if necessary. Also, after the initial archive is created, Archive Manager will automatically create new archives when 20 or more files are changed or created any time of the day.

ण Archive Manager Onlin	ne Premium for Windows				54
🚹 Home 🗬 Statu	JS 🔍 Archives 📄 Job	s			
History:					
Type	Date		Description		
Information 5/5/2	2013 12:37:25 PM	Archive Manager Onli	ne service has successfu	ully started	
	📅 Clear all items 🔰	Clear selected items	E Copy to clipboard	QDetails	
Upcoming events:					
Date		De	escription		
5/5/2013 10:00:00 PN	M Scheduled job 'Sarah's of the second se	documents folder'			
Progress:					
Job name	None	Filename	None		
Status	Idle	File progress			
Files processed	0	Job progress			
				Cancel	
Idle	Archive Manager Online, Ver	rsion 2.30 (Licensed to sa	arah)		

Figure 52 - Archive Manager status view

If you want to create the initial archive immediately then:

- Select the Jobs tab from the tab bar located on the top of the main screen
- Select the archive job from the list
- Press the Run button in the lower-right corner of the main screen

The Status tab will automatically be selected an you will see progress of the archive being created

🔍 Archive Manag	er Online	Premium for Windows				- • •	55
🐴 Home	Status	🔍 Archives 📄 Jobs	s				55
History:		-					
Туре		Date			Description	*	
Information	5/5/20	13 5:24:45 PM	Starte	ed job 'Sarah's do	ocuments folder'	=	
Information	5/5/20	13 5:24:44 PM	Queu	ied job 'Sarah's d	locuments folder'	-	
		📅 Clear all items 🕽	🕻 Clea	r selected items	Copy to clipbo	oard 🤍 Details	
Upcoming eve	ents:						
Date				Description	1		
5/5/2013 10:00):00 PM	Scheduled job 'Sarah's d	docum	ents folder'			
Progress:							
Job name	S	arah's documents folder	- I	Filename			
Status	C	Creating snapshot	1	File progress			
Files processed	I C	of 1 files (0 Bytes of 402	Byt∈ J	Job progress			
						Cancel	
Active		Archive Manager Online, Ver	rsion 2.3	30 (Licensed to sa	arah)	iii.	

Figure 53 - Archive Manager progress during operation

Installing the Personal File Sync client software

Installation of the Personal File Sync client software on your Windows-based system is a simple wizardguided process. The Personal File Sync client is a simple Windows Explorer add-in allowing you to synchronize a group of files and folders across multiple devices. You can find additional details about configuring and using the client on the product <u>website</u> as well as the <u>support blog</u>

Initial Setup

Locate the installation package named PersonalFileSyncForWindows.exe. Double-click the file to launch the installation wizard. Note you can download the installation package for free from the <u>website</u>.

Q → ↓ Computer → Code (G:) → U:	sers ▶ Sarah ▶ Downloads		✓ ⁴ → Search Do	wnloads	56
Organize 🔻 💼 Open 🛛 Burn New	folder				
☆ Favorites	Name	Date modified	Туре	Size	
Desktop	RersonalFileSyncForWindows_250.exe	12/8/2013 11:24 PM	Application	1,859 KB	
🝺 Downloads 🗐 Recent Places					
🕞 Libraries 📄 Books					
Documents Music					
Pictures					
📄 Subversion 📕 Videos					
🤣 Homegroup					
🖳 Computer					
🙀 Network					
PersonalFileSyncForWindows_250 Application	D.exe Date modified: 12/8/2013 11:24 PM D Size: 1.81 MB	ate created: 12/10/2013 1	L0:12 PM		

Figure 54 - File Sync Client download package

The installation wizard will automatically evaluate the system and gather requirements

😸 Personal File Sync Client for Windows	- • 💌
License Agreement	
Please take a moment to read the license agreement no Agree'', then ''Next''. Otherwise click ''Cancel''.	w. If you accept the terms below, click "I
END-USER LICENSE AGREEMENT F IMPORTANT: PLEASE READ THE TERM LICENSE AGREEMENT ("LICENSE AGRI USING THE SOFTWARE (AS DEFINED BELC	OR PERSONAL FILE SYNC
This End-User License Agreement is a (either an individual or a single en coftware product identified above whi I Do Not Agree	legal agreement between you tity) and electrongoo for the
Cancel	< <u>B</u> ack <u>N</u> ext >

Figure 55 - File Sync Client license agreement

Select a location to install the Personal File Sync client software and click Next

😸 Personal File Sync Client for Windows	- • •
Select Installation Folder	
The installer will install Personal File Sync Client for Windows to the following	folder.
To install in this folder, click "Next". To install to a different folder, enter it bel	ow or click "Browse".
<u>F</u> older:	
C:\Program Files\electrongoo\Personal File Sync Client for Windows\	Browse
(<u>D</u> isk Cost
Install Personal File Sync Client for Windows for yourself, or for anyone who	o uses this computer:
Everyone	
⊚ Just <u>m</u> e	
Cancel < <u>B</u> ack	Next >

Figure 56 - File Sync Client install folder

At this point, the installation wizard has enough information to install the Personal File Sync client software. Click Next to begin the installation. If any missing dependencies are detected, such as the Microsoft .NET 4.0 Framework, you will be prompted and provided a URL to download the dependences from the Microsoft website.

Personal File Sync Client for Windows	
Confirm Installation	
The installer is ready to install Personal File Sync Client for Windows on your cor	nputer.
Click "Next" to start the installation.	
Cancel < <u>B</u> ack	Next >

Figure 57 - File Sync Client information gathered and ready

The installation proceeds

Bersonal File Sync Client for Windows	
Installing Personal File Sync Client for Windows	
Personal File Sync Client for Windows is being installed.	
Please wait	
Cancel < <u>B</u> ack	<u>N</u> ext >

Figure 58 - File Sync Client installation progress

You are notified once installation is complete. Press the Close button to finalize the process. The Personal File Sync client software will automatically launch after installation is complete. If the software does not automatically launch then you can launch it manually from the Windows Start menu.

Personal File Sync Client for Windows	- • •
Installation Complete	
Personal File Sync Client for Windows has been successfully installed. Click "Close" to exit.	
Please use Windows Update to check for any critical updates to the .NET Fran	nework.
Cancel < <u>B</u> ack	Close

Figure 59 - File Sync Client installation complete

Importing the User Configuration File

One first run you will be prompted to connect to the POSH server. You should have the device configuration file, username, and access code available. This information will be provided to you by the administrator of the POSH server.

File Sync Host for Wi	ndows			61
Date 10:48 PM 12/8/2013	Online device verificat	ion To use this software, y use this software fre Where is your persona a file on my local of a url on the interne Filename Usemame Access code Password Verify password	you must register it with your personal storage host. You can se of charge as long as your personal storage host remains online. al storage host device configuration file located? computer (e.g. c:\) Browse et (e.g. http) C:\sarah_8714fe0a-bd84-4ecb-a1c1-a1592d0a33a6.cfg sarah 89001 	
Clear all items	Clear selected items	Copy to clipboa	ard	

Figure 60 - File Sync Client device verification

The Online Device Verification dialog prompts for the clients POSH account authentication details. Enter each value and press Verify to continue.

- **Device configuration file** this file will be provided by the administrator of the POSH server. The administrator will provide you the file in one of two forms:
 - A file of the form username_id.cfg
 - A URL of the form http://www.awebsite.com/ username_id.cfg
- Filename/Url depending if you are using a file or a url to locate the Device Configuration File (.cfg) this will be either:
 - The full path to a .cfg file stored on your local system
 - A URL pointing to a web server to download the .cfg file
- **Username** this is an alphanumeric value provided to you by the administrator of the POSH server. This friendly identification will uniquely identify you
- Access code this is a numeric value provided to you by the administrator of the POSH server. This is a temporary value allowing you to create your own personal password. Once the account has been verified and activated the access code is no longer valid. The user created password will be used for all future authentication
- **Password** enter a unique personal password of your choice. Save this password in case you ever need to re-authenticate the Archive Manager software. This password will be encrypted and hashed for your protection at all times
- Verify Password re-enter the same unique personal password for verification purposes

You will be notified when the software has been activated and connected to the POSH server. If activation fails then verify your entry matches the information the administrator of the POSH server provided to you and re-try. If activation still fails then contact the administrator and verify your account is enabled and the POSH server is currently online

— File Sync Host for Wi	ndows	
🔳 Status 🕺 🕅	ptions	
Date 10:48 PM 12/8/2013	Online device verification To use this software, you must register it with your personal storage host. You can use this software free of charge as long as your personal storage host remains online. Mittee is unused as the storage of the storage of the storage for the least of Success	
	Congratulations! The software has been successfully activated 6.cfg OK	
	Verify password Cancel Verify	
Clear all items	Clear selected items Copy to clipboard	
None		.::

Figure 61 - File Sync Client verification complete

The software configuration is complete. Click the OK button and the Personal File Sync client's main window is displayed

The Main Window

File Sync Host for Wind	lows			6
🔤 Status 🛛 📉 Op	tions	Dessistion		
10:48 PM 12/8/2013	Information	File Sync Host service has successfully started		
Clear all items	Clear selected ite	ms Copy to clipboard		
synchronized tasks.txt	t on 12/8/2013 11:14	PM	.:	

Figure 62 - File Sync Client main screen

The main screen provides status and information about the state of the software and file synchronization.

- Status press the Status button to view this status page
- **Options** press the Options button to view the options and features page
- **History view** the main list view displays information about the software such as startup time, shutdown time, conflicted files, and whether the product is paused
- Clear All Items clears all the history events from the history view
- Clear Selected Items clear only the currently selected items from the history view
- **Copy To Clipboard** copy all or the history event items to the Windows clipboard to save into other Windows applications
- **Task bar** located at the bottom of the main window; displays the most recently synchronized file name and date

The Options page provides features allowing you to customize the software as well as deal with potential file conflicts

- File Sync Host for Windows	
Status X Options	
Settings	
Pause operation	
Enable diagnostic logging	
Remote content server polling	
Automatically poll every 30 seconds	
Only poll when I have local content to push	
Copy diagnostic logs	
About	
Resolve file conflicts	
Force re-sync with server	
Last synchronized tasks.txt on 12/8/2013 11:14 PM	

Figure 63- File Sync client options page

The options available are:

- Pause/Resume Operation pause all synchronization operations. This feature can be used if you want to temporarily disable new files from being downloaded and uploaded to/from your PC. Once operation is resumed, all files that were synchronized to the POSH server from other users in your sync group will be downloaded to your PC
- Enable Diagnostic Logging when directed by support personnel this option will gather diagnostic information for tracking and locating bugs in the software
- **Remote Content Server Polling** specify how often you want your PC to query the POSH server for new files to be downloaded and synchronized on your PC.
- **Copy Diagnostic Logs** when directed by support personnel this option will copy the current diagnostic information to a file on your desktop; useful to email support personnel
- **About** view the version of the software
- **Resolve File Conflicts** view a list of files which have not been able to be synchronized to/from the POSH server; probably due to busy/locked files. Here you can locate and fix busy files as well as elect to ignore selected files from being synchronized
- Force Re-sync with server force a query of all files on the POSH server and automatically synchronize any files not currently on your system. This option should only be used if you believe a file was not synchronized down to your PC (a very rare case).

The Tray Icon

When you close the Personal File Sync client main window it still runs in the background waiting for new and changed files to synchronize to/from your PC and the POSH server. You can easily re-open the main window to view status by clicking on the task bar



Figure 64 - File Sync Client in the task bar

The Synchronization Folder

The Personal File Sync client integrates directly into Windows Explorer. A new system folder named "Personal File Sync" will be created at the root of the Explorer. All files and folders within this volume will be synchronized to all devices in your synchronization group. You can also access this synchronization folder directly in the Windows Public User's share (e.g. Users\Public\Personal File Sync).

Tip: If you do not see the synchronization folder within Explorer then try re-registering the explorer addin. Browse to the folder "C:\Program Files\electrongoo\Personal File Sync Client for Windows\NamespaceExtension\" then right-click on the file named ManuallyRegisterExplorerAddIn.bat and select "Run As Administrator" and follow the prompts.





Appendix A: Manually Configuring the Web-service and IIS

Normally Personal Storage Host can configure the web service on your server or PC. If for some reason the service cannot be automatically configured or you simply elect to manually configure the service then follow these steps.

• Open Microsoft's IIS Manager. You can easily locate the IIS Manger application by selecting the Windows Start button and typing "IIS Manager" in the Search field

Programs (1)				
💐 Internet Information Services (IIS) Manager				
₽ See more results				
iis manager × Log off +				
📀 🏉 🚞 🖸				

67

Figure 66 - Searching for IIS Manager

If you don't see IIS Manager then make sure IIS is installed. On Windows Desktop OS's (such as Vista, 7, and 8) IIS is an optional feature. To enable the feature select Windows Start | Control Panel | Programs | Turn windows Feature on or off. Select "Internet Information Services"



Figure 67 - Windows IIS Installation

• Also, make sure the "ASP .NET" sub-feature is selected. Drill-down under the World Wide Web Services | Application Development Features and ensure the ASP.NET option is selected



Figure 68 - Windows IIS Options

- For Windows Server OS's, IIS can be installed as a Server Role. Launch the Server Manager and select Roles (click Windows Start | and type "Server Manager" and click the Server Manager icon). If IIS is not already installed then select Add Roles and select the "web-Server IIS" role
- If the Internet Information Services feature is not listed then the version of the Windows Operating System does not support IIS and, in turn, does not support OBH Server



Figure 69 - Server 2008/2012 Role Manager

Once IIS is installed, make sure your default website is enabled (started) in IIS. To verify this, look in the Connections pane (located on the left-hand side of the IIS Manager) and open Sites and select Default Web Site. Now look on the right-hand side of the IIS Manger and, if the website is currently enabled, you will see the Start link disabled and the Stop link enabled. If the Start link is currently enabled then click it to enable the website.

📲 Internet Information Services (IIS) Manager					
🚱 💿 🔹 🖌 WIN764BIT 🔸 Sites 🔺 Default Web Site 🔺					
<u>File View H</u> elp					
Connections Default Web Site Home Application Pools Application Pools Sites Sites Image: Sites Image: Sites <	Actions Actions Explore Edit Permissions Edit Site Bindings Basic Settings View Applications View Virtual Directories Manage Web Site Restart Start Start Browse Web Site Browse Meb Site Browse				
IS Authentic Compression Default Document ISAPI Filters Logging MIME Types Management Configurat Editor Features View Content View Content View Content View	Configure Limits C Help Online Help				
Ready	€ <u>1</u> .:				

Figure 70 - Default Web Site Activated and .NET Installed

• Explore to the location of your default website on your hard drive. You can easily locate this folder by going to the Connections pane on the left-hand side of the IIS Manager and right-click on the Default Web Site and select Explore. This will open an Explorer window to the root of your default website.

Internet Information Services (IIS) Manager		1
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File View Help		
Connections Default Web Site Home Image: Sites Image: Sites	s	
Add Virtual Directory Image Web Site	©	
Image: Solution of the second seco		
Ready	• <u>1</u> .:	

Figure 71 - Explore Website Location

- Now you must copy the OBH website onto your server. The website is delivered within a zip file located in the Online Backup Host installation folder.
- Unzip the contents of OBHWebConnect.zip (by default this is located in the folder "C:\Program Files\electrongoo\Online Backup Host\OBHWebConnect.zip") into a folder named OBHWebConnect to the root of your website (e.g. c:\inetpub\wwwroot\OBHWebConnect).
- You can unzip the OBHWebConnect.zip file by selecting the zip file, right-clicking, and selecting Extract All. Finally enter the path to the root of your website as found above (e.g. c:\inetpub\wwwroot) and click Extract
| @ [| Extract Compressed (Zipped) Folders | | × |
|------------|---|-----------------|----------|
| 5 | Select a Destination and Extract Files | | |
| F | Files will be extracted to this <u>f</u> older: | | |
| | C:\inetpub\wwwroot | B <u>r</u> owse | |
| | ✓ Show extracted files when complete | | |
| | | Extract Cano | cel |

Figure 72 - Unzipping the OBHWebConnect Website to the Server

• After unzipping the website, the default website folder structure should appear like the picture below. Note the folder named OBHWebConnect is located directly under the root of the folder containing the default website

		Connect i	Court ON MA		
Cocal Dis	K (C:) F Inetpub F wwwroot F OBHWeb		Search OBHIVE	ebConnect	<u></u>
Organize 🔻 Include in	n library 🔻 Share with 💌 New folde	r			?
Superitor	Name	Date modified	Туре	Size	
	Ann Code	4/29/2012 11-40 DM	File folder		
Downloads	App_Code	1/16/2012 1:40 PM	File folder		
Recent Places	Bin	1/10/2013 1.04 PM	File folder		
Mecchi Haces		4/28/2013 11:40 PM	File folder		
🗎 Libraries	deletefile acry	3/16/2013 5:34 PM		1 KB	
		A/22/2013 0.11 DM	CS File	2 KB	
		3/16/2013 7:21 DM	ASDY File	2 KB	
		A/22/2012 0:11 DM	CS Eila	2 / 2	
	downloadinitialize scov	4/23/2013 9:11 PIVI		2 ND 1 MD	
III VIGCOS	downloadinitialize acry cr	//22/2012 0:11 DM	CS File	7 VD 1 VD	
A Homegroup	downloadnintaiize.aspx.cs	4/25/2015 9:11 PIVI	ASDV Eile	2 KD	
tomegroup	downloadpiece.aspx	A/22/2012 0.11 DM	CS Eile		
Computer		2/16/2012 7:22 DM		2 KD	
In computer		A/22/2012 0.11 DM	CS Eilo		
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TVEWORK	getfolderinfolaspx	A/22/2012 0.11 DM	CS Eila	2 / P	
		2/22/2013 3.11 PIVI	ASDV Eile	2 KD	
		2/20/2013 2:40 PIVI	CS Eila	2 / 2	
		2/28/2013 3:11 PM	ASDX File	2 KB	
		3/22/2013 0:15 AM	CS File	2 KB	
		2/28/2013 3:26 DM		2 KB	
		A/23/2013 0:12 DM	CS File	2 KB	
	renamefile asny	3/16/2012 7-21 DM		1 KR	
	renamefile aspx	4/23/2013 0-11 DM	CS File	2 KB	
	renamefolder.aspx	3/16/2013 7-32 PM	ASPX File	1 KR	
	renamefolder.aspx.cs	4/23/2013 9:11 PM	CS File	2 KB	
		3/4/2013 2:02 PM	ASPX File	1 KB	
	uploadfinalize.aspx.cs	4/23/2013 10:23 PM	CS File	2 KB	
		3/3/2013 8:39 PM	ASPX File	1 KB	
	uploadpiece.aspx.cs	4/23/2013 9:11 PM	CS File	2 KB	
	verify.aspx	4/7/2013 3:55 PM	ASPX File	1 KB	
	verify.aspx.cs	4/7/2013 3:54 PM	CS File	1 KB	
	web.config	1/16/2013 1:20 PM	CONFIG File	2 KB	
		-,,			
33 items					

Figure 73 - Website Located on Local Server with new OBHWebConnect Installed

• Now, create a new application pool for the OBH web-service. In the Connections pane located on the left-hand side of the IIS Manager right-click "Application Pools" and select "Add application pool..."

Internet Information Services (IIS) Manager								
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File View Help								
Connections WIN764BIT (win764bit\sarah) Application Pools Sites Default Web Site	Application Pools This page lets you view and manage the list of application pools on the server. Application pools are associated with worker processes, contain one or more applications, and provide isolation among different applications.						Actions Add Application Pool Set Application Pool Defaults Help Online Help	
	Filter: • 🔐 Go - 🥁 Show All Group by: No Grouping •							
	Name	Status	.NET Fram	Managed Pipel	Identity	Applica		
				-				
		4				,		
Ready	Features View 📠 C	iontent Viev	w				91.:	

Figure 74 - Application Pools

📲 Internet Information Services (IIS) Manager									
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File View Help									
Connections	Application Pools This page lets you view and manage the list of application pools on the server. Application pools Add Application Pool Refresh Actions Actions Actions Add Application Pool At appli					Pools manage the list of application pools on the server. Application pools processes, contain one or more applications, and provide isolation 15. Mathematical Control of the server of the serve			
	Name	Status	.NET Fram	Managed Pipel	Identity	Applica			
	Peatures View	Started Started	v2.0	Integrated	ApplicationPoolId	Appiica 1			
Pandu Pandu									
Reauy							*1 .:		

Figure 75 - Add New Application Pool

- In the Name field, enter "OBHWebConnect"
- Set .NET Framework version to .NET Framework v2.0.50727
- Set Managed pipeline mode to Integrated
- Check the option Start Application Pool Immediately
- Press OK to dismiss the dialog and create the new application pool

Add Application Pool
Name:
OBHWebConnect
.NET <u>F</u> ramework version:
.NET Framework v2.0.50727 🔹
<u>M</u> anaged pipeline mode:
Integrated 🔹
Start application pool immediately
OK Cancel

Figure 76 - Create Application Pool Configuration

• In the left-hand side Connections pane, select Sites | Default Web Site and right-click the OBHWebConnect folder and select "Convert To Application..." if the OBHWebConnect folder is not visible then refresh the pane view by selecting F5 or select View | Refresh from the main menu



Figure 77 - Convert Website to .NET Application

• press the "Select..." button when the Add Application dialog is displayed

Add Application	? 💌
Site name: Default Web Site Path: /OBHWebConnect	
<u>A</u> lias:	App <u>l</u> ication pool:
OBHWebConnect	OBHWebConnect Select
Example: sales	
Physical path:	
C:\inetpub\wwwroot\OBHWebCon	nnect
Pass-through authentication	
Connect as Test Settings.	
	OK Cancel

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Figure 78 - Add Application Pool

• on the Select Application Pool dialog select "OBHWebConnect" as the application pool and select the OK button. Finally, select the OK button on the Add Application dialog to complete the process

Select Application Pool	? 💌
App <u>l</u> ication pool:	
OBHWebConnect	•
Properties:	
.Net Framework Version: 2.0 Pipeline mode: Integrated	
ок с	ancel

Figure 79 - Select Application Pool Name

• In the left-hand side Connections pane select Application Pools. In the middle-pane named Application Pools, select and right-click OBHWebConnect and select "Set Application Pool Defaults..."



Figure 80 - Application Pool Defaults

• Locate the Process Model group and select the ellipsis (...) button to the right of Identity

Арр	lication Pool Defaults	8	×
Ξ	(General)		
	.NET Framework Version	√2.0	
	Enable 32-Bit Applications	False	
	Managed Pipeline Mode	Integrated	
	Queue Length	1000	
	Start Automatically	True	=
Ξ	CPU		
	Limit	0	
	Limit Action	NoAction	
	Limit Interval (minutes)	5	
	Processor Affinity Enabled	False	
	Processor Affinity Mask	4294967295	
Ξ	Process Model		
	Identity	ApplicationPoolIdentity	
	Idle Time-out (minutes)	20	
	Load User Profile	True	
	Maximum Worker Processes	1	
	Ping Enabled	True	
	Ping Maximum Response Time (s	90	
	Ping Period (seconds)	30	-
] [i a	dentity dentityType, username, password] s built-in account, i.e. Application F	Configures the application pool to r Pool Identity (recommended), Netwo	un or
		OK Cancel	

Figure 81 - Set Application Pool Identity

• Set the Build-in account to LocalSystem and press the OK button to accept the update

Application Pool Identity			? 💌
Built-in account:			
LocalSystem		•	
Custom account:			
			<u>S</u> et
	ОК		Cancel

Figure 82 - Set Application Pool to Local System

- Press the OK button to dismiss the Application Pool Defaults dialog. The OBH web-service is now configured on your server
- You can verify a local connection by opening a web browser running directly on the server or PC that you just installed the OBH web-service on and browsing to the url <u>http://localhost/OBHWebConnect/verify.aspx</u>
- You should see two "PASS" status values. If you receive an error then review the steps above and verify your website is enabled and IIS is running. Also verify you can browse to other pages, and web-services, on your web-site.



- The final verification can be done on any computer, other than the computer just installed with OBH web-service, which has internet access. Open a web browser and type the url <a href="http://<your-url.com>/OBHWebConnect/verify.aspx">http://<your-url.com>/OBHWebConnect/verify.aspx. Where you replace <your-url.com> with the friendly domain name of your server or PC. You could also use an IP address (e.g. of the form 192.122.100.100) if you are guaranteed a static IP address by your internet provider. But, it is recommended that you use a domain name just in case the underlying IP address changes so you can forward the domain easily to an IP address currently assigned to your server or PC hosting the OBH web-service.
- Note if you are not guaranteed a static IP address then there are plenty of free services where you can forward your dynamic IP address to a domain name and provide updates whenever your IP address changes (google the term "free dynamic domain name service" to locate preferred dynamic DNS providers).
- Once the web-service is installed, you can launch the Online Backup Host Viewer from the Windows Start menu. Select Start | All Programs | Online Backup Host | Online Backup Host Viewer.



Figure 84 - Launching Personal Storage Host Viewer software