



Instructions – Connect to EDDI using Secure File Transfer Protocol (SFTP)

Using SFTP requires software on your system. If SFTP sessions are not scripted within your software application, a compatible SFTP product will need to be acquired, installed and set-up on your system.

Although BCBSM EDI tested the two applications below, any SFTP compatible product may be used. There are multiple vendors that supply compatible software. The first application is a commercial product (must be purchased for a fee) and the second is freeware (public domain).

1. *WS_FTP Professional from Ipswitch, Inc.* (<http://www.ipswitch.com/>).
2. *WinSCP3 Secure FTP (SFTP) Client* (<http://winscp.com>).

While setting up the connection information in any of these products you will need the following:

- **IP address of the BCBSM - EDDI - SFTP site:** 167.242.55.40
- **Protocol or Port number:** SFTP or Port 22 (SSH)
- **Your EDDI Login ID:** <Your ID> (c0xxx =Professional; f0xxx or s0xxx= Facility/Institutional)
- **Your EDDI password:** <obtained via the EDI Help Desk>

If your password does not work, call the EDI Helpdesk at 800-542-0945, option 5 to have it reset.

Firewalls may cause problems with the connection. Please check your firewall before having your password reset.

It is recommended that you read the tutorial for the product you select. BCBSM can not assist with setup issues on your system; contact your vendor or technical staff.

Note: Accounts do not support both dial-up and SFTP at the same time.

Information text files available for viewing and/or downloading:

- bcast.txt – EDDI broadcast messages relating to EDI production issues
- userxxxx.txt – EDI log files containing your EDI activity - saved for the four most recent months. The ‘xxxx’ on your system represents the two digit year and two digit month, i.e. *user0706.txt*.
- lasttran.txt – date of your last EDDI transaction

SFTP Software Suggestions

Purchased software for Windows systems

- *WS-FTP Professional* (<http://ipswitch.com/>)

The IPSWITCH Company offers their product with and without help line support, allowing you to decide your level of help line support.

Free software for Windows systems

- *WinSCP3 Secure FTP (SFTP) Client* (<http://winscp.com/>)

WinSCP is an open source SFTP client for Windows. Its main function is the secure file transfer between a local and a remote computer. Beyond this, WinSCP offers basic file manager functionality. It uses Secure Shell (SSH) and supports, in addition to Secure FTP, legacy SCP protocol.

- *Core FTP Lite* (<http://www.coreftp.com/>)

Core FTP Lite is a Windows FTP client that supports uploading/downloading/deletion of directories (folders) and files, browser integration, SFTP (or secure FTP), SSL/TLS, handling of file permissions and transfer bandwidth control, etc.

- *FileZilla Open Source FTP / SFTP Client* (<http://filezilla.sourceforge.net/>)

FileZilla is a free, open source FTP client for Windows distributed under the GNU General Public License. You can perform the usual functions, upload and download files, as well as resume uploads or downloads. FileZilla works with firewalls, supports SFTP and SSL secured connections and handle queues of files to be uploaded, downloaded, etc.

- *PuTTY: Win32 SSH/Secure FTP (SFTP) Client*
(<http://www.chiark.greenend.org.uk/~sgtatham/putty/>)

PuTTY is a free open source set of programs. It includes a Secure Shell client (SSH), an SCP client (secure copy), a command line SFTP client and a Telnet client, etc.

Free software for Apple (MAC) systems

- *Cyberduck* (<http://cyberduck.ch/>)

Cyberduck is an open source FTP and SFTP browser for Mac OS X. It supports drag and drop, resuming of uploads and downloads, synchronization of files on a local computer with a server, uploading and downloading of folders, etc. It is licensed under the GNU GPL.

- *Fugu - Mac OS X SFTP / SCP / SSH FrontEnd* (<http://rsug.itd.umich.edu/software/fugu/>)

Fugu is a free open source front end for SFTP (Secure FTP), SCP and SSH. It is released under a BSD license, and supports Mac OS X.

Frequently Asked Questions

Question	Answer
I can't see my file once it has been transmitted. How can I tell whether or not it was sent?	Look for the lasttrans.txt file; it contains the information on the last transmission received by EDDI and overwrites each time you submit a file. You can also look in <i>Transfer History</i> or in your SFTP software to see "transfer successful."
Why don't I see the 837 claim file after I upload it? How long does the 837 claim file stay on system?	An inbound 837 file that is uploaded will be processed immediately by our front end system (EDDI) and is no longer visible to the submitter. EDDI will hold the file until the next scheduled processing run.
How can I tell if I already downloaded my output files? What is the read.me.txt file?	There are two different ways. <ol style="list-style-type: none"> 1. A file named read.me.txt contains a list of output files that are available. The first column of this file will contain an "*" (asterisk) if the file has been successfully retrieved and a " " (space) if not successfully retrieved. 2. The "permission," "access" or "rights" bits (called different names in different programs) will also be changed. Files that have <u>not</u> been picked up will have "r—r-----" for the bits. Files that <u>have been</u> picked up will have "r-xr-----".
What are user.yymm.txt files?	These are downloadable LOG files that contain the account activity information. You cannot delete these files. Four months will be displayed at a time. The user.yymm.txt file contains the same information as the log file that was available from your menu when you used a dial-up connection.
Which files do I see when I connect? Will the naming conventions be the same?	You will see the familiar response files (997 , U277 , 835), the control logs (institutional only) and the following new files: <ul style="list-style-type: none"> • bcast.txt - EDDI broadcast messages. • lasttran.txt - Reports on your most recently submitted/uploaded file to EDDI. • Read.me.txt - Lists the output files available for download. If there is an asterisk on the far left next to the name, the file was already retrieved (downloaded). • user.yymm.txt - Log files of activity by month. All files listed above can be copied (transferred) to your system but should not be deleted from EDDI.
Can I delete the files I see when I connect?	You should not delete any files from EDDI. The files that you download from EDDI will automatically "drop off" three days after they are downloaded. The files will remain available for up to two weeks if they are not downloaded. The bcast.txt , lastran.txt and readme.txt files all contain useful information. They will be overwritten with the most current information each time you connect or submit data.

Question	Answer
<p>Are my output files (downloads or reports) zipped?</p> <p>Do I still need to zip my claim/batch (837) files?</p> <p>If our claim transmission files are in a zipped format, will they still need to be zipped on the SFTP site?</p> <p>We receive response files in a zipped format. Do they still need to be formatted this way?</p>	<p>Your <i>Data Compression</i> setting remains the same with SFTP as it was when you used a dial-up connection. The BCBSM EDI Helpdesk can check the <i>EDDI Environment Data Compression</i> settings to see what is set for the <i>Output</i> data. The EDI Helpdesk can also see this on the EDDI Output screen for the <i>Submitter ID</i>.</p> <p>Because transferring data over SFTP is faster than dialup, it may not be necessary to continue to have your output files compressed. The EDI Helpdesk can change the compression to <i>none</i> if requested. If you receive many large output files, you might want to continue to zip/compress your files. If your files are zipped/compressed, you should continue using whatever utility you had been using with dialup to uncompress the file. If you are a PKZIP client, you might have to rename the output files to add the .ZIP extension so that your “unzip” software recognizes the file as zipped/compressed.</p>
<p>What should I name my claim files?</p>	<p>The name of the claim file package (837) should be determined by the vendor software that created it and can be the same as what you used with dialup.</p>
<p>1. Will there be separate upload and download folders?</p> <p>2. How do I upload and download files? Where do I put them?</p>	<p>1. No, since there isn't a menu in SFTP (no special folders or subdirectories).</p> <p>2. To upload, “drag” the claim file from your system (typically left side of screen) and “drop” into the EDDI side of the screen (typically the right side or opposite the system side on the split screen). To download, you do the opposite of the upload, making sure you are dragging the response file to the correct location on your system per your vendor software instructions.</p>
<p>Will all response and claim transmission files be in the root on the SFTP site and visible? When I upload my transmission files, do they go into production immediately?</p>	<p>The claim files will be queued by EDDI as soon as they are received and will not show in the root directory. They will be held in the queue until the next production run and will not visually show on your screen. Look for a lasttran.txt file that indicates the last file that was received.</p> <p>The response files you download from EDDI will automatically drop off three days after they are downloaded. The files will remain available for up to two weeks if they are not downloaded.</p>
<p>If I transmit a file with the name of BCxmit.dtm and in a few minutes transmit another file with the same name, will both files be processed?</p>	<p>Yes, you may send the same file name right away. EDDI will process them on a “first-come” basis and will change the name.</p>
<p>What causes an “Authentication Error” message?</p>	<p>This error message could mean you are using an incorrect/invalid ID and password. Make sure you are using upper and lower case correctly when entering your ID and password (ID must be lowercase; password can be mixed).</p>

Question	Answer
I can't connect/log in due to credentials: "Connection Error - caused by any of the following reasons as follows: Details: SSH transport closed, connection failure."	If you use IP-Switch, it must be Version 9 or higher. It must be the commercial version, <u>not</u> the freeware version. Also, check your connection settings; you may need to update firewall settings to allow them to connect.
I am connecting to EDDI using WinSCP and getting the following message: "The server's host key was not found in the cache. You have no guarantee that the server is the computer you think it is. The server's rsa2 key fingerprint is."	This is a message you will get the first time you log in to EDDI from the WinSCP software. Answer <i>yes</i> , that it is permissible to log in to this host.
What if I'm using WINS SCP and I don't have a split screen?	Note: You must be logged into your WINS SCP <i>Submitter ID</i> site connection to make this change. If you are using Windows Explorer you will only see the EDDI side. To see both sides, with the SFTP screen visible, select <i>View</i> and then <i>Preferences</i> from the tool bar. Under <i>Environment</i> , select <i>Interface</i> . A window will appear with two options; click on <i>Norton Commander</i> and then <i>OK</i> . Completely log off and then log in.
How often will the password need to be changed? How will I be prompted to change my password? Will the login password still be reset periodically?	The password is non-expiring and will need to be changed only if you forget it.
Will all claim submissions as well as the response reports and remit files for the transmissions be included using SFTP?	Yes. The only thing that has changed is your method of connection. You will continue to receive whatever you are currently submitting or receiving today using the dial-up method of connecting with SFTP.
Can files be uploaded and downloaded in batch?	Yes.
Is there a reason that pgp-encryption using standard FTP has not been implemented?	Yes, regular FTP does not protect the user ID and password while being transmitted across the network. This could give a hacker access to your user ID and password, and to our system. Also, having an "open" FTP site could allow someone to send BCBSM data that is not encrypted (for testing or because of a system/program error).
Do I need Internet access to submit claims electronically?	Yes, you can use either a dial-up or cable connection to the Internet. Either method will allow you to connect to EDDI using SFTP.
I've been switched to SFTP, but now I can't connect with my new password.	If your password does not work, call the EDI Helpdesk at 800-542-0945, option 5 to have it reset.

Question	Answer
<p>What should I do if I receive any of the following errors as an SR# or RDS SFTP user?</p> <p>File name errors, Invalid filename EDDI Log Errors:</p> <ul style="list-style-type: none"> • Rejected/Non-text Data • Rejected/Trailer Error - Count out of balance • Unrecognized Format 	<ol style="list-style-type: none"> 1. Look in the EDDI User log to find the filename that you are trying to send. It must be in proper naming convention per your vendor instructions. 2. You are using a file you probably downloaded from the CMS RDS Web site. Rename the file to the specifications in your documentation. However, do not open and re-save the file, as this could cause the format of the file to change. You can use any number of methods to simply change the filename without changing the format or extension. One way is to go to <i>My Computer</i> and rename the file there. <p>SubsidyEligibilityFilemmddy.txt: The mmddy must be replaced with the date of the data. This naming convention may change. The customer needs to work with the RDS group at BCBSM.</p>
<p>Is there an SFTP tool available for UNIX?</p>	<p>Yes, a Web search on the Internet for OpenSSH will result in a link to information regarding using SFTP with UNIX (example: http://www.openssh.com/).</p>
<p>Is there an SFTP tool available for IBM Mainframe-AS400?</p>	<p>Yes, information can be found via a Web search on the Internet. Examples include:</p> <ul style="list-style-type: none"> • http://www-03.ibm.com/servers/enable/site/porting/tools/openssh.html • http://www-03.ibm.com/servers/enable/site/porting/tools/index.html