



Trading Partner SFTP User Guide for Electronic Data Interchange (EDI) Service (OXi)

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1 INTRODUCTION

1.1 Purpose

This document is a set of procedures to explain how to properly setup and configure SSH/SFTP, using Hewlett Packard Enterprise (HPE) Health & Life Sciences OXi leveraged Electronic Data Interchange (EDI) service for the Ohio Department of Medicaid (ODM).

1.2 OXi Overview

OXi as a Service (OXiaaS) is the HPE Healthcare Solutions Framework for EDI, B2B and Standards Processing service offering. OXi is the new SFTP platform for Trading Partners to connect and transfer files using any SFTP client. The following are the brief instructions on establishing the connectivity.

2 SFTP

2.1 SFTP

SFTP (SSH File Transfer Protocol) is a network protocol that provides file transfer and manipulation functionality over any reliable data stream. It is typically used with the SSH-2 protocol (TCP port 22) to provide secure file transfer, but is intended to be usable with other protocols as well.

2.2 Advantages of SFTP

- SFTP has only one connection (there is no need for a separate data connection). This reduces the need to make extensive changes to firewall configurations. Additionally, this single connection is always secured.
- SFTP provides a directory listing which is uniform and machine-readable.
- The SFTP protocol includes operations for permission and attribute manipulation, file locking, and more functionality.
- With SFTP, the communication is binary and cannot be logged “as is” for human reading making it more secure.
- SFTP has a good standards background which strictly defines most (if not all) aspects of operations.

3 CONFIGURATION

Below you will see instructions on how to configure SSH/SFTP in both Certification and the Production environments.

3.1 Configuring SSH/SFTP in Certification

- Any commonly used industry standard secured SSH/SFTP clients can be configured to establish SSH/SFTP connectivity with OXi EDI exchange. In this example we will be using WinSCP. **Note:** Neither ODM or HPE recommend or endorse any specific client.

Worksheet for a Trading Partner
Host/IP address of server
Port number of server
Logon Type:
User Name of the trading partner
Password for the trading partner
Security Certificate

With few variations based on the specific client, the following are common steps to set up any SSH/SFTP client to connect to OXi SFTP Server.

- Download and install any of the available SFTP clients.
- Run the .exe to start the client.

The screenshot shows the WinSCP configuration dialog box with the following fields and values:

- Host: mft-qa.oxi.arcaas.com
- Port: 2222
- Protocol: SFTP - SSH File Transfer Protocol
- Logon Type: Normal
- User: Trading Partner User ID
- Password: [Masked]
- Account: [Empty]

- Enter the Host name of : **mft-qa.oxi.arcaas.com** in the box labeled Host
- Enter port # **2222** in the box labeled Port number:
- Select SFTP in the box labeled Protocol
- Select Normal for Logon Type:
- User name and password will be sent in an encrypted email
- After you have entered all the required information save the session by clicking **OK**
- You will be prompted to accept a Security Certificate at first login. This is a onetime event.

3.1.1 Configuring SSH/SFTP in the Production

- Any commonly used industry standard secured SSH/SFTP clients can be configured to establish SSH/SFTP connectivity with OXi EDI exchange. In this example we will be using WinSCP. **Note:** Neither ODM or HPE recommend or endorse any specific client.

Worksheet for a Trading Partner
Host/IP address of server
Port number of server
Logon Type:
User Name of the trading partner
Password for the trading partner
Security Certificate

With few variations based on the specific client, the following are common steps to set up any SSH/SFTP client to connect to OXi SFTP Server.

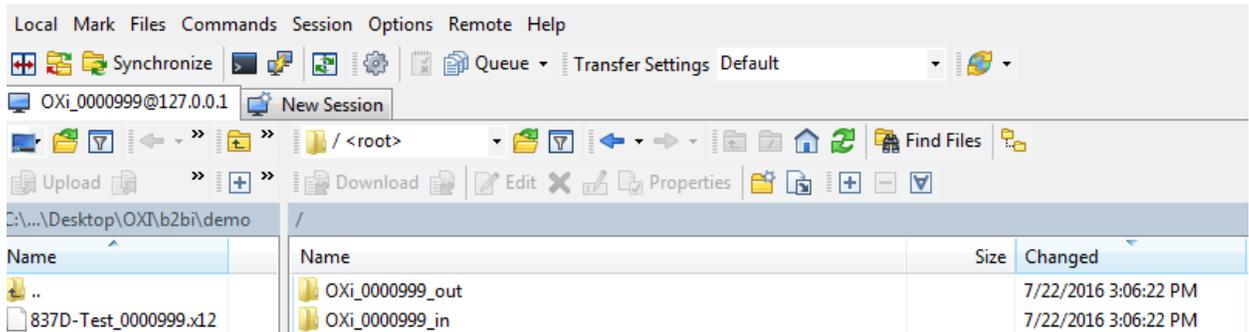
- Download and install any of the available SFTP clients.
- Run the .exe to start the client.

The screenshot shows the WinSCP configuration dialog box with the following fields and values:

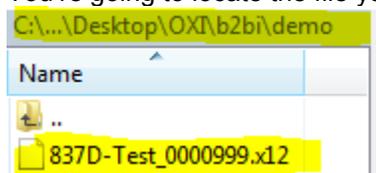
- Host: mft-oxi.arcaas.com
- Port: 2222
- Protocol: SFTP - SSH File Transfer Protocol
- Logon Type: Normal
- User: Trading Partner User ID
- Password: [Redacted]
- Account: [Empty]

- Enter the Host name of : **mft-oxi.arcaas.com** in the box labeled Host
- Enter port # **2222** in the box labeled Port number:
- Enter **SFTP** in the box labeled Host
- Select **Normal** for Logon Type:
- User name and password will be sent in an encrypted email
- After you have entered all the required information save the session by clicking **OK**
- You will be prompted to accept a Security Certificate at first login. This is a onetime event.

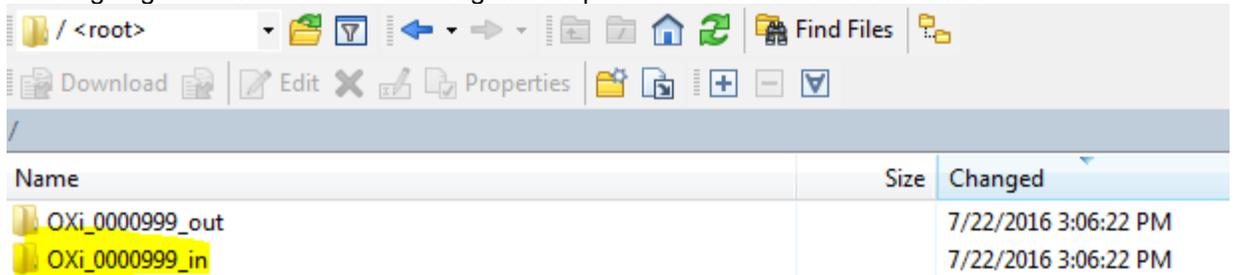
3.2 Submitting Files



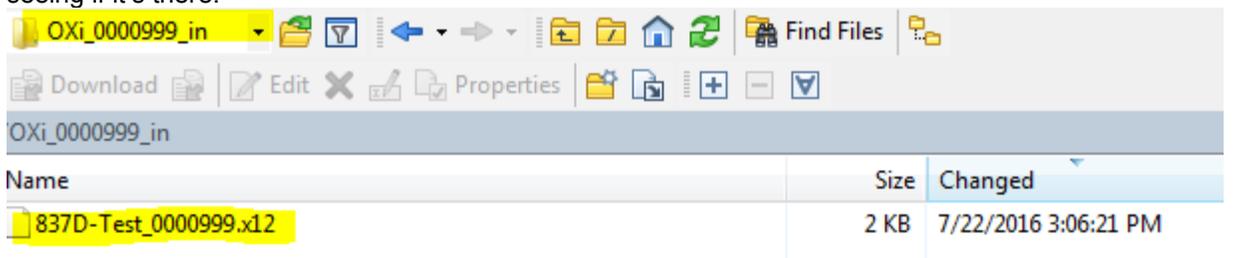
- On the left of the picture above is the folder on my computer where my files are to be submitted.
- On the right of the picture you're looking at the in and out folder on the server.
- You're going to locate the file you're submitting in your folder on your computer.



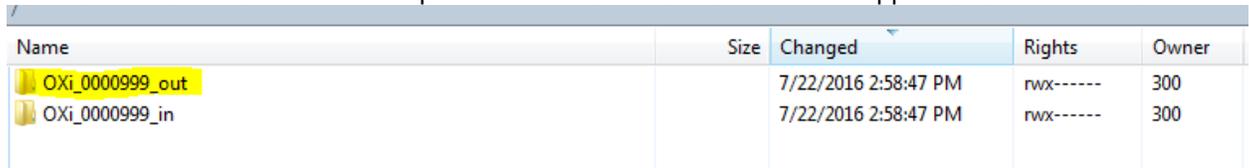
- You're going to click on that file and drag and drop it in the "IN" folder on the server.



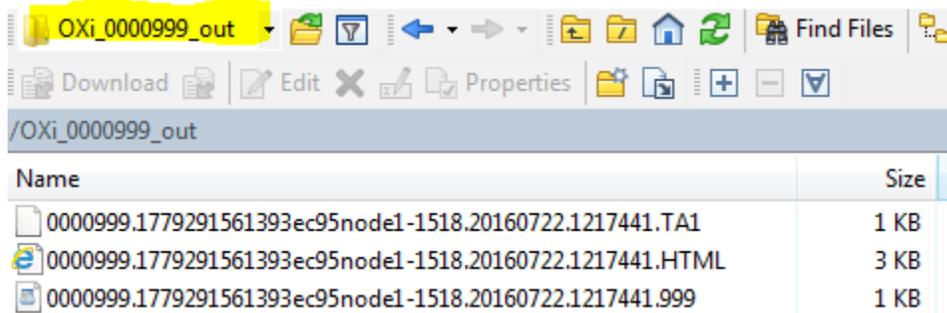
- Once you have dropped your file in the in folder you can check it by opening the folder and seeing if it's there.



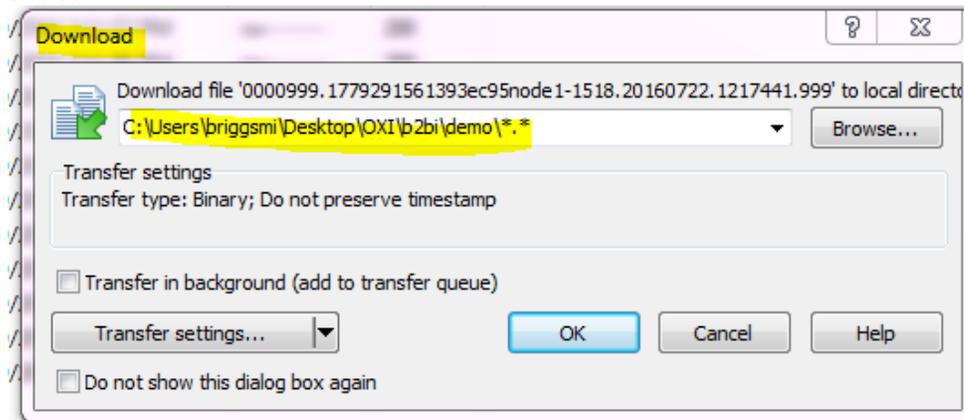
- Once the file transmission has completed the results of the file name will appear in the out folder.



- You can double click on the "OUT" folder to open it to see the results of the transmission.



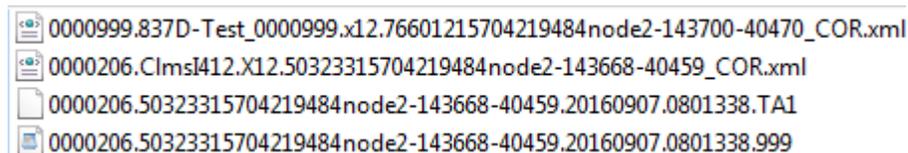
- Here you can double click on the file to open it with the default program for the file or the program of your choice.
- You can also right click on the file and select download to download the file to the folder of your choice.



- After selecting the folder where you want the file to be saved in click OK and your file will be saved in that location.
- By saving the file it does not remove it from the “OUT” folder.

3.3 Request / Response Correlation

- Once the file is submitted and processed the results will be placed in your “OUT” folder under a different name in the following format
- The new file name will have the trading partner id, followed by the original file name, then the run ID then followed by an underscore COR.xml. The format is shown below:
- : <TP ID>.<Original File Name>.<Run ID>_COR.xml
- See the below picture for an example of the new name correlation:



3.4 Command-Line (CL) SFTP Clients

These types of clients are generally non-windows based, but there are few windows based CL clients. Both types can be configured to obtain the same functionality. Unix/Linux operating systems have in built CL clients, but the config files are required to be created.

For UNIX/LINUX systems:

- Locate SSH config file. Generally located in the user's home directory.
- If the config file is not available, create one in the user home directory
- 'touch ~/.ssh/config'
Specify the host name/port/key location information in the config file.

4 SUPPORT

4.1 UserID / Password Notification Process

Your UserID and Password will be sent in two stages via email.

- The OXI/EDI password will be sent in an encrypted MSWord document. This document requires a password to view.
- The password to the document will be sent in a separate email. Input this password to the encrypted document previously sent.

4.1 Helpdesk

Days Available: Monday through Friday

Time Available: 8:00 am to 4:30 pm Eastern Time Zone

Phone: (844) 324-7089

Email: ohiomcd-edi-support@hpe.com



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