RTFTP CLIENT INSTALLATION GUIDE (HOT DEPLOYMENT)

Version 1.2
July, 2014

Contents

A. Change History

RELEASE NO.	DATE	BRIEF SUMMARY OF CHANGES
1.0	29TH OCTOBER 2008	FIRST RELEASE
1.1	1ST APRIL 2009	REVISED CONTENT FOR A GENERIC CONFIURATION OF RTFTP H2H IMPLEMENTATION
1.2	6 SUN JULY 2014	CHANGE THE FORMAT OF THE DOCUMENT

B. Introduction

This document aims to guide with the installation of RTFTP client software in the customers system. The term host-to-host (H2H) is used to represent the concept of remote connectivity of RTFTP client with the RTFTP server in a secured environment.

RTFTP client software facilitates the customers to automatically transact their data files with SaudiEDI application. The data files are instantly upload/download by RTFTP client software to/from the RTFTP server.

C. Abbreviation

(a)	CSO	Customer Service Operators
(b)	DC	Data center operator
(c)	H2H	Host-to-Host
(d)	Webadmin	Web administration application used by CSO

D. H2H Workflow Diagram

The following diagram depicts the workflow model of H2H data files transaction between RTFTP client and server.

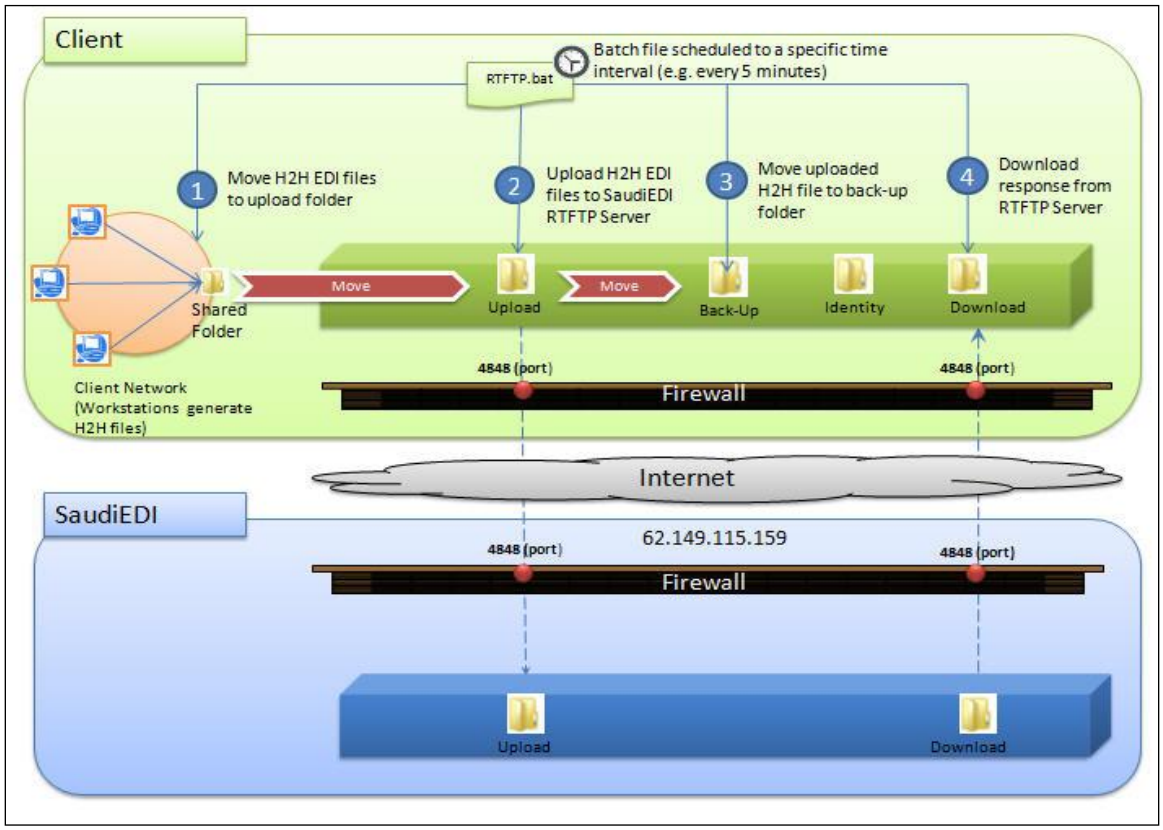

FIGURE 1: H2H WORKFOLOW DIGRAM

E. Checklist

(a) As a prelude to a successful RTFTP client configuration, care must be taken to ensure that the CSO have mapped the required settings to the customer's user id in webadmin application.
(b) Identity keys pertaining to the customers user account must be obtained from the DC team.
(c) Ensure that the customers are informed of their H2H user id and the SaudiEDI user account id.

F. Connectivity Test

This step is to check if the port 4848 has been opened in the firewall of the customer's internal network. This step is optional and applicable only if there is an administered network with firewall is prevalent in the client office.

1. Click on 'Start' button in your windows taskbar.
2. Click on Run.
3. Type 'cmd' and press enter.
4. A DOS window will appear.
5. Type 'telnet 62.149.115.159 4848' and press enter.

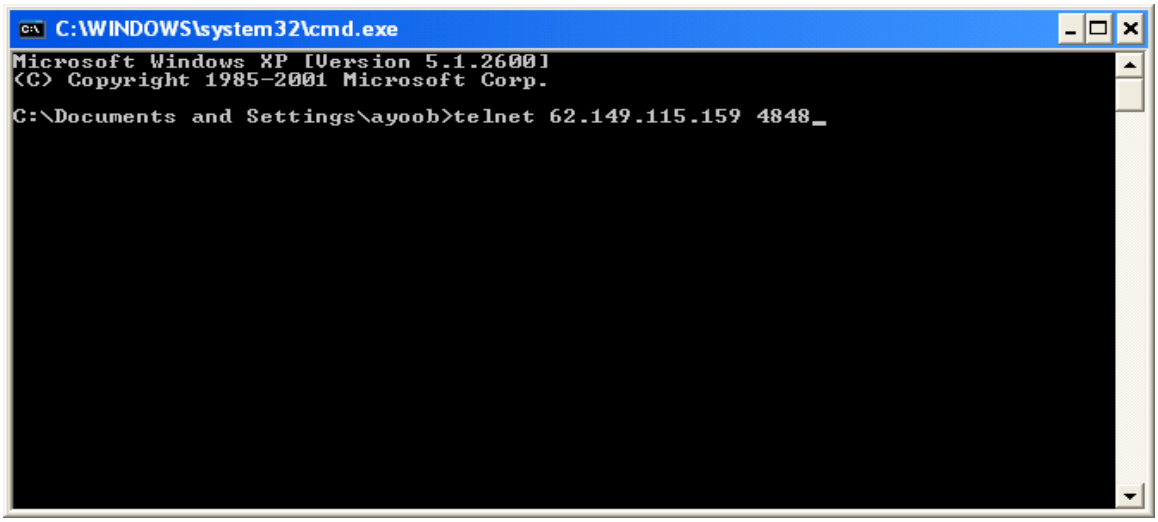

FIGURE 2: TESTING CONNECTIVITY-A

6. If the port was already opened in the client network, the DOS prompt window will appear as follows:

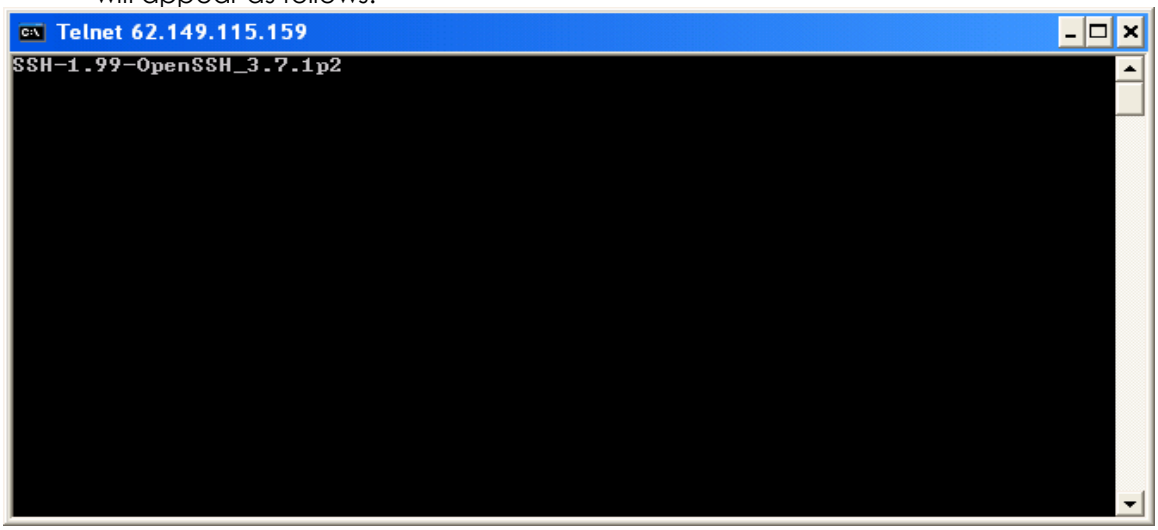

FIGURE 3: TESTING CONNECTIVITY-B

7. Press Ctrl + C and exit the telnet operation.
8. You have now successfully determined that the port 4848 has been successfully opened in the client network.

G.Setting up the RTFTP software

1. Copy the contents of the 'RTFTP H2H CD' to 'C' Drive of the client system
2. You will now find the following directory structure under the 'C' drive as follows:

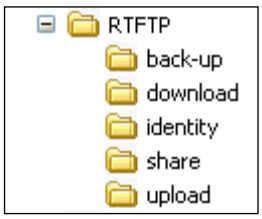

FIGURE 4: RTFTP FOLDER STRUCTURE

Folder name	Function
Share	Data files required for upload are placed under this network shared folder. This folder acts as a buffer zone for the data files before gets moved to the upload folder.
Upload	Contains data files for upload to SaudiEDI. RTFTP client program will upload the files directly under this folder to SaudiEDI RTFTP server.
back-up	Uploaded data files are backed-up under this folder.
download	Responses for the data files submitted (via upload)are downloaded under this folder.
Identity	Contains the user's public keys to connect with SaudiEDI RTFTP server

H. Configuring RTFTP Client

1. Right click on 'startRTFTP.bat' and click 'Edit' option.
2. The file will be opened in a Notepad.
3. Change the user ID in the upload and download script to match with the user's ID as follow:

```
@echo off
move share\*.txt upload
rtftp -P 4848 -l mtzv003 -i identity\identity upload\*.txt 62.149.115.159:/h2hfshome/mtzv003/upload
if %ERRORLEVEL% == 0 GOTO end
echo "done"
```

FIGURE 5: SCRIPT FILE SNIPPET

4. Make sure that the correct user id is used pertaining to the user's.
5. You may manually execute the script file from the command prompt by typing startRTFTP.bat from its location. The following diagram is a snapshot of RTFTP client software in action.

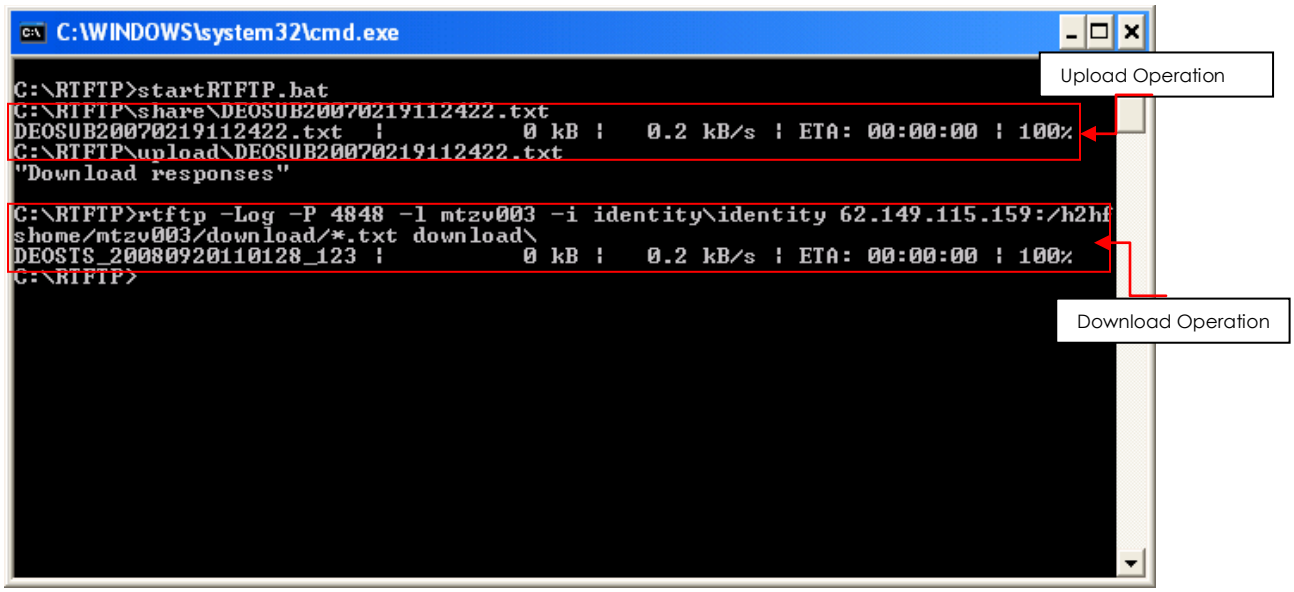

FIGURE 6: RTFTP IN ACTION

I. Scheduling RTFTP:

In order for the RTFTP client software to execute automatically to send/receive files, the startRTFTP.bat file has to be configured as a scheduled task. Schedule the startRTFTP.bat file in windows task scheduler to execute every 2 minutes (preferred). Once configured, RTFTP client software will upload and download files periodically from RTFTP server for the configured time interval.