

Communicating with the ELIT MFT FTP Server

Using WS FTP

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Before using WS FTP Scripting

Before using the WS FTP scripting utility to exchange data with the ELIT MFT network, one should interactively connect to the ELIT MFT FTP Server to ensure that such a connection can be established and to store ELIT MFT's certificate. Using the WS FTP's Site Profile Wizard, create a new site "elitmft" with the following parameters:

Host Name or IP Address: <mft-url>

User ID: Your ELIT MFT Login ID code

Password: Current ELIT MFT password or if connecting for the first time, any string that will become your new password.

Account: leave blank.

Host Type: Automatic detect.

Port: 21

Passive Mode: Yes

Use SSL: Yes

Firewall: If needed, define according to your network's configuration.

After defining the "elitmft" Site Profile, connect to the ELIT MFT FTP Server. If connecting for the first time, you may be prompted to trust the MFT certificate. If prompted, check the "Trust this certificate" radio buttons and continue by pressing OK. Now your WS FTP environment is ready for the ftpscript utility.

Below are some simple examples of WS FTP scripts to send and receive files to/from the ELIT MFT FTP Server. To run a WS FTP script, execute ftpscript -f scriptfile from the command prompt.

Example 1

Send file c:\elitmft\testfile.txt file to the ELIT MFT ID of DEF with the ELIT MFT Application ID of TESTFILE. The file will be reformatted to fixed record length of 80 bytes each.

```
LOG c:\elitmft\hpmftftpsnd.log
USER ABC
PASS secret
SSL 1
CONNECT <mft-url>
ONERROR EXIT
CD DEF/TESTFILE
SITE LRECL=0080
LCD c:\elitmft
PUT testfile.txt
CLOSE
```

Example 2

Receiving all new files from the “ABC” ELIT MFT mailbox.

```
LOG c:\elitmft\elitmftftprcv.log
USER ABC
PASS secret
SSL 1

CONNECT <mft-url>
ONERROR EXIT
LCD c:\elitmft
SITE DIR=IN
MGET *
CLOSE
```

Problems

Problem with WS FTP Transfer Manager

It appears to be very difficult to upload files interactively to ELIT MFT using WS FTP. In this case, WS FTP's transfer manager is used, which uploads files independently of the main FTP session. Transfer manager gets all the required parameters from the main FTP session, which besides username and password also passes the directory where files need to be uploaded. The main task gets the current directory by parsing the response message of the PWD command. The response message looks something like this:

```
250 SenderId: "ABC" ReceiverId: "123" ...  
is not a standard directory structure.
```

The transfer manager establishes a separate session and tries to upload a file to the ABC directory (senderID) which results in a "501 ReceiverID has not been set for STOR" error.

Solution for transfer manager

Use the FTP scripting utility for WS FTP. The scripting utility does not involve the transfer manager, and it does not have problems navigating and uploading files to the ELIT MFT FTP server.

Problem with the MPUT command in WS FTP scripts

The MPUT command cannot be used in WS FTP scripts for ELIT MFT. WS FTP tries to create new directories on the ELIT MFT FTP server, which is not allowed and results in erroneous behavior.

Document Version History

Version No.	Version Date	Revised By	Affected Section & Description of Change
1.0			Initial Draft
1.1	10/27/2008		Updated format to meet EDS/HP standards
1.2	12/22/2009		Updated format to meet HP standards
1.3	05/23/2012		Replaced ELIT references with HP MFT
1.4	11/06/2015	Julie Noelke	Converted to HPE document template. Changed HP to HPE throughout.
1.5	05/26/2017	Julie Noelke	Removed/replaced HPE and Hewlett Packard with DXC and DXC Technology. Updated copyright and URLs.
1.6	06/10/2017	Julie Noelke	Updated copyright.
1.7	10/21/2020	Julie Biafore	Updated copyright.
1.8	07/16/2021	Julie Biafore	Updated to DXC template format