

Readme Instruction: Read all instructions first.

This tool can be launched from either an external USB drive or a local disk drive. It has been tested in Windows 10 and with these supported web browsers (Chrome, Edge, Firefox). It is designed for the Microsoft Windows runtime environment only.

Installation and startup process

1. You must download the FedTest.zip file which contains the test tool.

2. *Preferred installation:*

Extract the zip file to a root location on a Windows 10 compatible file system. (Extraction locations may include: c:\, or any related root level external destination on an attached USB device (e:\, f:\, etc.).

3. *Do not extract the file contents into a top-level parent folder, for example: \some-top-level-parent-folder\FedTest\...'. This kind of staging location may induce errors while testing.*

(Example of a correct install location: C:\FedTest)

How to Launch the webserver

4. After the tool has been unzipped, Locate and click (**Set-path.bat**) this will set the tools' application path needed by the webserver modules located in \FedTest\ directory. You may see a command window open. Leave the windows open, proceed to step 5.

*If for any reason the file 'set-path.bat' is not found in the \FedTest\ root folder, copy and paste its backup file out of the '\FedTest\base_files\' folder.

The set-path.bat may generate an error message indicating that the MySQL server is not found.

This is due to the MySQL server beings disabled – a module not needed for the successful operation of this tool. Ignore the error. Continue to step 5.

5. Locate the **Start-Lighty.bat** found in the \Fedtest\ folder to start the web service. If prompted at the next pop-up click **cancel** to prevent the loading of the windows system tray service tool. Continue to step 6.
6. Copy the text below into your browser then press 'enter' to start the tool.

localhost/Federated_Testing_Home_Page.php

Begin Module Selection and Testing

Use the navigation bar on the left side of the main web tool page to select a module. Read and familiarized yourself with the interface before you begin testing. Familiarize yourself with the instructions given on each page of the module you have chosen to test.

Note: In the mobile device module there is 'Quick Start guide' that contains information relevant to the ISO version of the tool and may not be applicable to your current testing state.

Test Completion and Log File Recovery

This tool will generate a .html 'Test Report' file at the completion of your test run. It will be located in ' \FedTest\media\cftt\FT-LOGS\'. Use this file to generate your own official report or send us a copy of your test results for publishing if this is in line with your agency's policy and procedures.

(Example file output: test-report-mdt-2021-06-01+09+12+39.html or test-report-ss-2021-06-01+09+12+39.html). The abbreviation '**mdt**' equals (mobile device test) and the '**ss**' stands for (string search) if you produced a string search test run.

How to Stop The Application

Locate the file \FedTest\Stop-Lighty.bat – Click it shut down the tool.

File Cleanup Instructions

For example: You have completed your mobile test and have generated your test report great. Now, before starting a new set of tests and creating a new test report you must remove all log files associated with your first test report. First remove all of the mobile device 'mdt' related files generated during your first test run. Clean up the \media\cftt\FT-LOGS\ directory by clearing the folder of all log files but one. Archive related log files for future reference or delete them.

DO NOT DELETE THE FILE: test-configuration.txt log file

If you delete it, simply recreate a new 0 byte - 'test-configuration.txt' file before you begin any new set of tests.

All other files in the FT-LOGS subdirectories should be deleted or archived for future review.

File cleanup instructions for String Search log files and related directories

You have completed your string search test and have generated your test report great. Now remove all string search log files found in several locations under the following directory structure:

\FedTest\media\cftt\FT-LOGS\Live and \Indexed folders and their subdirectories

Note: \FedTest\media\cftt\FT-LOGS\Other – is a folder that will be created if you run a test set using a custom string search engine. This 'other' directory must be removed as part of your file clean up before a new set of tests.

Before you begin a new set of tests make sure these locations do not contain any earlier generated log files, doing this ensures that no legacy test information gets carried forward into your new test cycle.

***Know tool behaviors**

Warning messages may appear while using the *string search module*. If you fail to make a test case selections for each designated area, you can continue testing

without those selections being made - just ignore the warnings about data types - this behavior will not interfere with your test case results. It is simply a tooling error that *will be addressed in a future tool update*.

Set-path.bat may sometimes get deleted during shutdown, this can be remedied by simply copying and pasting the backup file into the application's root folder. See step 4 above.

This tool was built using ::Lighty2Go v1.5.2::
For more information contact cftt@nist.gov