File Transfer using FTP-SFTP Commands
Readme

Version 1.0

09/03/2020

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1.   Introduction

This document contains all essential information for the user to make full use of FTP/SFTP commands in A2019 Bot. This document includes a description of the functions and capabilities and step-by-step procedures for setup & configuration of the Bot.

1.1   Overview

This bot performs the following:

- The Bot performs FTP/SFTP operations such as upload and download files and folders
- The user needs to provide the Input to the Server Name such as Username and Password, Port in local variables to establish connection with the server.
- The User needs to provide the input to the task to perform (Upload/Download) Remote Location of File/Folder.
- The User needs to provide the input to the task to perform (Upload/Download) Local Location of File/Folder.
- The Bot connects to the server and performs the required task.
- By Default, the bot executes using SFTP method.
- The user can also use FTP Method by changing the Port and Connection method in the FTP/SFTP Connect activity.

*Note: The User must have Read/Write access on server to perform Upload and Download Operation.

1.2   Use Case

The key use cases for this bot include:
1. Bot will check the ping status of the IP Address.
2. Perform Connect/Disconnect task from FTP/SFTP machine.
3. Bot will create a folder in FTP/SFTP machine.
4. Bot will change folder (path) in FTP/SFTP machine.
5. Bot will get folder from FTP/SFTP machine to our local machine.
6. Bot will get file from FTP/SFTP machine to our local machine.
7. Bot will put folder from FTP/SFTP machine from our local machine.
8. Bot will put file from FTP/SFTP machine from our local machine.
9. Bot will rename an already existing file in FTP/SFTP machine.
10. Bot will delete folder and file from FTP/SFTP machine.

2. Requirements & Prerequisites

2.1 System Requirements

Below are the minimum system requirements for running bots as an Enterprise A2019 (Cloud deployed) or Community Edition user on your local machine.

Hardware Requirements

Device	Processor	RAM	Storage (Free Space)	Network
Machine	Intel Core i5 2.6 GHz	4 GB minimum 8 GB recommended	32 GB	1 GbE
Bot Creator and Bot Runner	No additions to the machine requirements	No additions to the machine requirements	Add 100 through 150 KB per Automation Anywhere script Add 40 through 50 GB per long-term project	No additions to the machine requirements

Browser Requirements

The user interface for Automation Anywhere Enterprise is through a browser. Login to your device then login to Enterprise Control Room through a browser.

Browser	Browser Version	Automation Anywhere plug-in version[2]	Supported bot functions by Bot agent version		
Google Chrome[1]	57 or later	11 or 12	2.0.2	1.0.2	1.0.1

2.2 Prerequisites

This bot uses A2019.

3.   Getting Started

3.1   Quick Start

3.1.1 Setup

The bot doesn't require a specific setup beyond the configuration items mentioned below.

3.1.2 Configuration

Review and setup the following required variables for the bot to process correctly. They can be set directly in the Variables pane:

INPUT VARIABLES: Input Variables to be mentioned in this Table				
Variable Name	Type	Mandatory	Purpose	Example Input
vDirectoryPath	String	Yes	Store the FTP/SFTP machine path	/home/Batuser
vIPAddress	String	Yes	Store IP Address of the machine	123.234.345.456
vLocalFolder	String	Yes	Stores local path of the machine	D:\yourDir\FTP_SFTP\
vLocalFolderPutFile	String	Yes	Stores path of the local file	CreatorFolder_PutFile
vNewFolderName	String	Yes	Stores name of the new folder	CreatorFolder_Get
vPassword	String	Yes	Stores password for FTP/SFTP machine	Your Password
vPort	Number	Yes	Stores port of FTP/SFTP machine	22
vPutFileName	String	Yes	Stores name of the file	abc.txt
vPutFilePath	String	Yes	Stores path where file will be put	D:\yourDir\FTP_SFTP\CreatorFolder_PutFile
vPutFolderName	String	Yes	Stores name of the folder where file will be put	CreatorFolder_Put
vPutFolderPath	String	Yes	Stores path where folder will be put	D:\yourDir\FTP_SFTP\CreatorFolder_Put
vRenameFileName	String	Yes	Renamed file name	xyz.txt
vUserName	String	Yes	Username of the FTP/SFTP machine	Your Username

4.   Support & FAQs

4.1   Support

You can get access to Community Support through the following channels:

- You can get access to Community Support, connecting with other Automation Anywhere customers and developers on [APeople](#) – the [Bot Building Forum](#), the [Bot Store Support Forum](#), or the [Developers Everywhere Group](#).
- Automation Anywhere also provides a [Product Documentation portal](#) which can be accessed for more information about our products and guidance on [Enterprise A2019](#).

You can get personalized Support through the following channels:

- You can get support from **deepankar.sharma@in2ittech.com**

4.2   FAQs

Q: Can I make changes to this bot?

A: Absolutely, customize, and/or include in your builds as you see fit.

Q: Can I upgrade the packages for this bot?

A: Yes – but know that the bot was created/tested on a specific package version. Any modifications to that may result in unexpected outcomes – so make sure to test the bot/subtask after making any package version modifications.

Appendix A: Record of Changes

No.	Version Number	Date of Change	Author	Notes
1	1.0.0.0	09/03/2020	Deepankar Sharma	Using A2019

Appendix B: References

No.	Topic	Reference Link
1	Overview of Enterprise A2019	Click here
2	Guidance: Building basic A2019 bots	Click here
3	Guidance: Building A2019 action packages	Click here
4	AAPeople Community Forum	Click here
5	Automation Anywhere University	Click here