OSPI SFTP User Guide

NOTE: Please contact OSPI to request an account BEFORE setting up this software. In order to configure the software you will need account information from OSPI.

Here are some steps how you can access OSPI Secure FTP server, once you have requested, and received a FTP account. Please install an FTP client application on your computer to connect to our SFTP server if you do not already have one. There are a couple of "free" secure FTP programs available from the internet for your use to transfer files to and from the secure FTP server.

The free FTP client program we suggest to use is Core FTP which can be downloaded at the following link <u>http://www.coreftp.com/download.html</u>. (The version you download may be a newer version than the one referenced in this handout. Most configuration settings should be the same.)

Download and install Core FTP LE client

Click the above URL link; visit the download page of Core FTP; then pick up any one of the three download web sites listed in the page to the Core FTP LE free version.



If you select "**download.com**", you will be redirected to the following page; then click the "**Download Now**" link.

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If you receive the following page after clicking "Download Now" link, right click the yellow warning bar at the page top, select "**Download File**" from the pull down list at the right end of the yellow warning bar.

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Once you have done the steps above, then the following box will appear. Click the **Run** button to install or **Save** button if you want to install it for a later time. If you do not have local administration rights on your computer to install software, please contact your Help Desk to assist you in installing Core FTP LE.

File Download - Security Warning
Do you want to run or save this file?
Name: coreftplite.exe Type: Application, 2.65MB From: software-files.download.com <u>R</u> un <u>S</u> ave Cancel
While files from the Internet can be useful, this file type can potentially harm your computer. If you do not trust the source, do not run or save this software. <u>What's the risk?</u>

Once you click the **RUN** button, you will get the following two windows; click the **Run** button again to follow the installation wizard to install Core FTP.

53% of coreftp	lite.exe from software-files.d 🔳 🗖 🔀
٩	
coreftplite.exe fr	om software-files.download.com
Estimated time lef Download to: Transfer rate: Image: Close this dial	t 3 sec (1.27MB of 2.65MB copied) Temporary Folder 408KB/Sec og box when download completes
ternet Explorer -	Security Warning
The publisher could software?	not be verified. Are you sure you want to run this
Name: coreftplite	exe
Publisher: Unknown	Publisher

This file does not have a valid digital signature that verifies its publisher. You should only run software from publishers you trust. <u>How can I decide what software to run?</u>

<u>R</u>un

<u>D</u>on't Run



Click the **Next** button in the welcome window to continue with the install. Click the **Browse** button to change the location of the installation if you would like.

Click the **Next** button to continue.

Choose Destination I	Location
	Setup will install Core FTP LE 1.3c in the following folder. To install into a different folder, click Browse, and select another folder. You can choose not to install Core FTP LE 1.3c by clicking Cancel to exit Setup.
	Destination Folder C:\Program Files\CoreFTP Browse
	< <u>B</u> ack <u>Next ></u> Cancel

You have the option to select the **Yes** to the radio button to backup the files being replaced in case you need to uninstall Core FTP LE.

Backup Replaced Fi	les 🔀
	This installation program can create backup copies of all files replaced during the installation. These files will be used when the software is uninstalled and a rollback is requested. If backup copies are not created, you will only be able to uninstall the software and not roll the system back to a previous state. Do you want to create backups of the replaced files?
	\bigcirc Yes \bigcirc No \bigcirc Please select the directory where the replaced files will be copied.
	Backup File Destination Directory
	C:\Program Files\CoreFTP\BACKUP Browse
	< <u>B</u> ack <u>Next></u> Cancel

After clicking the final **Next** button the installation will be complete.



You will see a **Core FTP icon** on your desktop and the program name at windows /Start/All Programs/Core FTP menu.



1. Start and Configure Core FTP LE

Double click Core FTP icon on the desktop or run Core FTP Lite from the program menu.

After 3 seconds the display of the welcome window will appear and you will have a chance to setup Core FTP as your default. I have selected **Yes** because this is a free version and I have no other FTP client on this test machine.



For the following option, I also selected Yes.



The Core FTP LE will start up and opens **Site Manager** Window automatically. You will see the following panel or window with default information. You can click the **Close** button to close this panel and configure a site later. **At this point you will your OSPI SFTP with settings from the e-mail you received with your account information.**

Site Manager	
New Site	Site Name New_Site Host / IP / URL Advanced
	Username Password PortTimeoutRetries
SSL Options AUTH SSL SSL Listings AUTH TLS SSL Transfers SSL Direct Clear (CCC)	21 60 2 Eetry On EASV ESSH/SFTP EUse Proxy Comments
New Site New Category	Connect Manager Dose

Once all the information is entered the above panel will look like the following (please see your e-mail for the specific settings – they may differ from this picture):

Site Manager					
OSPI SFTP	2 I	ite Name)SPI SFTP lost / IP / U 64.116.46.2 Isername	RL 25		Advanced
	4	'assword 'ort '2	Timeout 60	▼ Don't sa Retries 2	Anonymous ave password
SSL Options AUTH SSL AUTH TLS SSL Direct	▼ SSL Listings ▼ SSL Transfers Clear (CCC) Windows SSL	<u>P</u> ASV			Use Proxy
<u>N</u> ew Site	New Category Co	innect	Connect	Manager	Close

This is only for example purposes. This is not the address you will use. Please refer to your e-mail with your specific account information before filling out any of these fields.

After entering your specific information, including your username and password (see e-mail), click the **Connect** button and you will see the following window for your first connection.



Click **Yes** and you will login to the OSPI SFTP server and see following window:

🕖 Core FTP LE - 192.168	.5.125:22								
<u>File View Sites M</u> anage <u>H</u> e	elp								
11, 4 X & & B B B X & 0 ?									
Started shell session PWD Current directory is 'Y Keep alive off Transferred 0 bytes in 0.328 seconds	Started shell session PWD Current directory is '/ Keep alive off Transferred 0 bytes in 0.328 seconds								
e 💴 💌 🖸	11 . 4	9.0 (4.0)		^ > 🗾	× 0	11 v	4 • •		
	CuteFTPserver\	-	•	-	È /		•	<u>T</u> =	
^ Filename	Size	Date		🔷 Filenam	e	Size	Date		
<u>a.</u>		04/27/07	14:32	🛅 📣 👘					
CORE_FTP.LOG	212	04/27/07	14:32						
	37,319 KB	04/26/07	10:04						
gsitps_nodb.exe	8,403 KB	04/26/07	10:04						
E History.txt	200 KD	04/27/07	14:32						
Secure FTP_Server3_Los	2001 ND	04/26/07	10.13						
	2,031 KB	04/20/07	10.13						
<				<				>	
Host	Destination			Bytes	Size	Rate	Туре	Sta	
			No tran	sfers					
<								>	
Ready									

There are three parts within the above Core FTP client GUI window. The bottom panel is the file transfer progressing information area. The top panel is the log and connection progressing status information area.

The left-middle panel is your local directory view and the right-middle panel is the directory view of the SFTP server.

The number of the tool buttons on the local and remote directories of the middle panel depends on the Core FTP window size.

For file uploading, navigate in your local drive and highlight the file(s) you want to upload, and then click the Arrow on the left-middle panel.

For file downloading, navigate in your remote directory and highlight the file(s) you want to download, and then click the Arrow on the right-middle panel.

The following two figures demonstrate the file uploading and file downloading:

🕖 Core FTP LE - 192.168	.5.125:22							(
<u>File View Sites M</u> anage <u>H</u> e	elp									
14.4 ∞ % ₽ ₽ ₽ ₽ ₩ ₩ ₩ ₽ ?										
Started shell session PW/D Current directory is '/ Keep alive off Transferred 0 bytes in 0.328 seconds										
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	Servers/Cuter								<u> </u>	
_^ Filename	Size	Date 🔪		Filena	me		Siz	e Date		
		04/27/07 1	4:32	🔁 <>						
E CURE_FIP.LUG	212	04/2//07 1	4:32							
gsrtps.exe	37,313 NB	04/26/07 1	0:04							
B History by	0,403 (0	04/27/07 1	0.04 4-32							
Secure ETP Server3 CO	380 KB	04/26/07 1	n 13							
Secure FTP Server3 Use	2.831 KB	04/26/07 1	0:13							
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Host	Destination			Bytes	Size		Hate	Lype		Sta
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History.txt () 04/27/07 14:3	2							6		

🥑 Core FTP LE - 192.168	.5.125:22	
<u>File V</u> iew <u>S</u> ites <u>M</u> anage <u>H</u> e	elp	
11. 🗲 🚧 🐰 🗈		s 🔊 🖉 👁 🐨 🔊 🕈
WARNING: Zero length file Transfer time: 00:00:02 STOR /CORE_FTP.LOG CORE_FTP.LOG - 212 bytes transfe Transfer time: 00:00:03	rred	
	4 • •	
	Pserver 🔽 🗾	
Filename	Size Date	^ Filename Size Date
CORE_FTP.LOG	04/27/0 212 04/27/0	17 (☐ <> 17 (◎ CORE_FTP.LOG 212 04/27/07 14:;
📰 gsftps.exe	37,319 KB 04/26/0	70
gsftps_nodb.exe	8,403 KB 04/26/0	17
🗐 History.txt	0 04/27/0	17
Secure_FTP_Server3_CO	380 KB 04/26/0	17
Z Secure_FTP_Server3_Use	2,831 KB 04/26/0	17
K		
Host	Destination	Bytes Size Rate Type
	Noti	ransfers
<		>
CORE_FTP.LOG (212 bytes)	04/27/07 14:32	

2. Core FTP usage Configuration Information

We are using SSH over FTP.

In Core FTP the "Site Manager" has a checkbox labeled PASV which by default has a gray check mark, uncheck this box.

The "SSL listing" and "SSL Transfer" checkboxes have gray check marks by default also. If you have difficulty connecting to our server and want to uncheck them, you will need to check SSL checkbox to make them active, and then uncheck all the boxes within SSL Options panel.

3. Tips of Core FTP user GUI view

The following page shows the common buttons used within Core FTP LE client GUI:

Core FTP LE							
<u>File View Sites Manage I</u>	<u>t</u> elp						
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Filename	Size Date		_^ Filename		Size Date		Permissi
CORE_FTP.LOG Gstps.exe Gstps_nodb.exe History.txt Secure_FTP_Server3_CO Secure_FTP_Server3_Use.	04/27/07 1 212 04/27/07 1 37,319 KB 04/26/07 1 8,403 KB 04/26/07 1 0 04/27/07 1 . 380 KB 04/26/07 1 2,831 KB 04/26/07 1	4:32 4:32 0:04 0:04 4:32 0:13 0:13	<				>
WARNING: Zero length file Transfer time: 00:00:02 STOR /CORE_FTP.LOG CORE_FTP.LOG - 212 bytes transf Transfer time: 00:00:03	erred						
Host	Destination	Bytes	Size	Rate	Туре	Status	
		No trar	nsfers				
<							>
CORE_FTP.LOG (212 bytes) -	- 04/27/07 14:32				0 0		

Highlight 1 has a **Disconnect** menu and highlight 6 is a **Disconnect** button.

Highlight 2 has a **Site Manager** menu, and highlight 5 is a **Site Manager** button.

Highlight 4 is the **local drive list**; you can navigate to different file systems of your local machine.

Highlight 3 is **GUI View** toggle button, you can toggle this button to pick up a GUI View you like.