





# **Configuring SFTPV2 Connector in Boomi**

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#### Contents

Contents SFTPV2 CONNECTOR	2
What is SFTP?	
Key features of SFTP	
SFTPV2 Connector	2
CREATE:	3
UPSERT:	3
GET:	3
QUERY:	3
DELETE:	3
LIST:	4
LISTEN:	4
Steps to setup SFTP Server:	4
Steps to configure SFTPV2 connector Connection:	16
Steps to develop integration process:	21
References:	







# **SFTPV2 CONNECTOR**

In this blog, you will learn what is SFTP and how to configure SFTPV2 connector in Boomi. I will explain the use of each action present in sftpv2. By the end of this blog, you will be able to develop a process which helps you to List the files from sftp server.

# What is SFTP?

SFTP stands for Secure File Transfer Protocol. It is a secure version of the File Transfer Protocol (FTP), which is used to transfer files between a client and a server over a network. SFTP provides encryption and authentication mechanisms to ensure that data is transferred securely.

### **Key features of SFTP**

#### Security:

SFTP encrypts both the data being transmitted and the authentication credentials used to access the server. This ensures that sensitive information remains protected from unauthorized access or interception.

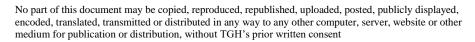
#### Authentication:

SFTP supports various authentication methods such as password authentication, public key authentication

## SFTPV2 Connector

- The sftpv2 connector allows you to download files from or upload files to the SFTPenabled server.
- Unlike the standard FTP connector, the SFTP V2 connector encrypts data to ensure that no sensitive data is exposed when transmitted over a network.
- Using this connector, you can use a Boomi Integration process to GET, CREATE, QUERY, UPSERT, DELETE, LIST, and LISTEN the data in any format.
- > SFTPV2 connector supports multiple actions which includes
  - 1. Create
  - 2. Upsert
  - 3. Get
  - 4. Query
  - 5. List
  - 6. Delete
  - 7. Listen

Now we learn about each action in detail





### **Actions of SFTPV2 Connector**

#### **CREATE:**

Create action is used to upload files to the SFTP server. If the file name is not set, or if the file name already exists, the connector uses the **Action if file exists** setting to determine the next step.

If the Create operation is successful, the file is uploaded and added to the server and the connector returns a JSON document with information about the file. The file information includes the name of the file, Remote Directory, when the file was last modified.

#### **UPSERT:**

Upsert action is used to either create a new file in the specified remote directory or perform an update to a file if it exists in the SFTP server.

- If file name already exists, the connector automatically overrides the existing file in the SFTP server and replaces it with the new file.
- If the file name does not exist, the connector will create a new file in the SFTP server.
- If the file name is not provided, the connector returns an error message.

#### GET:

Get action is used to fetch a file at a given location. When using Get to download a file from the server, the file name (ID) must be specified as the parameter. If not specified, the connector displays an error.

#### **QUERY:**

Query action is used to fetch zero or more files based on file filters.

After you select the Query action and use the **Import Wizard**, the operation component page contains configuration options to add filters and set parameters to limit the number of files returned.

#### **DELETE:**

Delete action is used to delete a file from a remote directory in the SFTP Server based providing the file name (i.e., ID) and file directory.

This operation returns an exception if the file name specified is invalid and does not match the ID. If the file directory is not specified, the connector will search for the file in the home directory of the SFTP server and will not return error message, if file not found.

Note: You cannot delete a directory with this operation.

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#### LIST:

List action is used to get a list of files in the remote directory based on a specific criterion. However, the List operation only lists the metadata about files (not file content) based on the filters.

This operation returns a response profile for each file containing a JSON object describing the file's metadata, such as File Name, Directory, Created Date, Modified Date, and File Size information and indicates if the file is a directory.

#### LISTEN:

Listen operation is to listen to the events in the root directory of the remote SFTP server. This operation allows listening to file creation, file deletion or any modification on the existing file in the SFTP server remote directory events.

Now we will learn how to set up an SFTP server using the CompleteFTP application.

#### **Steps to set up SFTP Server:**

Step 1.1: Open the below URL in the browser.

https://enterprisedt.com/products/completeftp/free/

**Step 1.2:** click on the **Download and install the CompleteFTP trial** to install the application.



As the entry to the CompleteFTP family of secure FTP products, CompleteFTP Free Edition is free forever, with a seamless upgrade path to advanced protocols and functionality when you need it.

#### **Essential features**

CompleteFTP Free Edition's features include:

- FTP and FTPS protocols
- · Easy to install, use and administer
- · Actively maintained and supported
- Upgradeable to more functionality in a single click

#### **Getting the Free Edition**

- 1. Download and install the CompleteFTP trial
- 2. Start the CompleteFTP manager application
- 3. Go to the Licensing tab
- 4. In "Switch to" section, select "Free Edition".
- 5. Follow the prompts to downgrade to Free edition.
- 6. At some time in the next 30 days, activate your free





# **Step 3:** Now go to the downloads. Right click on the CompleteFTP installer which is downloaded. Click on Run as administrator.

•

Creating API Policies to Custom	90	u a a a	
A long time ago		Open	Enter
WinSCP-6.1.2-Setup	Ċ	Share	
G CompleteFTPSetup		Run as administrator	
n.	ŝ	Pin to Start	
A. Material and a second	☆	Add to Favorites	
	8	Compress to ZIP file	
r	<u>())</u>	Copy as path	Ctrl+Sh
	B	Properties	Alt+Ent
al		Edit in Notepad	
		Edit with Notepad++	
	-	OneDrive	
	6	Share with Skype	
. set	63	Show more options	
	63	Show more options	

#### Step 4: Click On Run anyway

Wine	lows protected your PC	×
	t Defender SmartScreen prevented an unrecognized app from Running this app might put your PC at risk.	
App: Publisher	CompleteFTPSetup.exe 81122 413 334, AU, Private Organization, AU, Oueensland, Enterprise Distributed Technologi es Pty Ltd. Enterprise Distributed Technologies Pty Ltd.	
	Run anyway Don't run	

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#### Step 5: Click on I agree

🧔 CompleteFTP Trial Installer - 🗆	×
License Agreement Please review the license terms before installing Complete FTP.	Ø
Press Page Down to see the rest of the agreement.	
<ul> <li>COMPLETEFTP SERVER SOFTWARE LICENSE AGREEMENT We Enterprise Distributed Technologies Ltd grant you license to use this Software on the following terms:         <ol> <li>License and support</li> <li>This Software is licensed and not sold to you. Your use of this Software is governed solely by the terms of this License. This License is personal to you.</li> <li>This Software is owned by us, save for certain elements of it which are owned by The KPD-Team; The Legion of the Bouncy Castle, Inc; Chew Keong Tan; Routrek Networks, Inc; ComponentAce; Developer Express Inc; The Mentalis.org Team; Novell, Inc; Motus Technologies Inc; Studio 42; Evgen Noskov; The Outercurve Foundation; Digitaliseringsstyrelsen; The Legion of the Bouncy Castle Inc., and akveo.com. This</li> </ol> </li> <li>If you accept the terms of the agreement, click I Agree to continue. You must accept the agreement to install Complete FTP.</li> </ul>	
Nullsoft Install System v3.08 I Agree Cana	cel

**Step 6:** Enter necessary details like email address, name and organization. Then Click on Next.

🍯 CompleteFTP Trial Installer				$\times$
Trial Registration Register your trial				ø
Your email address	I address, name and organization below:			
Your name Your organization	Neverete			
CompleteFTP. You WC	of e-mails from us while you're trialing NYT be added to any mailing lists and you to any other organization.	r		
	Privacy Pol	icy		
Nullsoft Install System v3.08				
	< Back Next	t >	Ca	ncel

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#### Step 7: Click on Install

CompleteFTP Trial Installer				^
Choose Install Location				6
Choose the folder in which to install Co	omplete FTP.			9
Setup will install Complete FTP in the fi Browse and select another folder. Clic			lder, dick	
Destination Folder				
Destination Folder		Bro	owse	
		Bro	owse	
C:\Program Files\Complete FTP		Bro	owse	
C:\Program Files\Complete FTP Space required: 248.9 MB		Bro	owse	

Step 8: A new window will pop up as shown below. Click on Not now.

er 1 (primary		and a state of the								
	OVERVIEW	. (	🕽 Step-by-step guid	40				O	APPLY CHANG	65
Overview	Protocole		Users	$\Xi + \times$	folders	10 # X	8			
Sites Servers Users Folders Events Extensions	Protocols: P FTP FTPS FTPS mplicit SFTP SCP SSH territinal SSH territinal SH forwardin HTTP	g Add Use	do Adduser do	8	<ul> <li>Add folder</li> <li>Homs</li> <li>Public</li> </ul>	•		1		
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Reports Licensing	E HTTPS	4		ow running		e added before a	user Not now	ys left) prise MFT T		×
	M HTTPS	÷	CompleteFTP is no Authenticators	ow running			s user Not now	arise MFT T	a Company	ì
	M HTTPS	4				Add	Not now Potensis Standard Free Eds	arise MFT T Edition Edition		
	M HTTPS	•	Authenticulurs	ite		Add	Not now	arise MFT T Edition Edition		
San Street and	M HTTPS	4	Authenticaturs For site Default S	ite Enabled	•	Add	Not now Professio Standard Free Lide View prices / purchs	of the Complete the four sides of the	Compare a ef TP system. he view or	

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Step 9: Create one folder in your local system with name as SFTP and place some files in it as shown below.

(Recommended to give the name as **SFTP** but not mandatory)

	s > SFTP >		
▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲	$\equiv$ View $\cdot$		
Name	Date modified	Туре	Size
Students	2/27/2024 11:51 AM	File folder	
EmployeeDetails	2/26/2024 5:17 PM	Text Document	1 KB
sftp_configuration_details	2/24/2024 5:10 PM	Text Document	1 KB

#### Step 10: Now in the CompleteFTP application, navigate to Folders. Click on

=		FOLDERS	🕤 Step-by-step guides			6	APPLY CHANGES	F
							H (1/12 C C C C C C C C C C C C C C C C C C C	-
38	Overview	Lin Add root folder	16 Adul sub-folder 16 Remove	6		Folder Properties:	Serveri	
£8	Sites	Name	- type	Owner	Group	Name	Home	
-		> Home	<ul> <li>Windstws Folder</li> </ul>	admin	actimica	Туре	Windows Folder	
-	Servers	> Public	Windows Folder	web	US#PS	Path	C:\ProgramData\Ente	nbi
	Users					Hidden		
	Folders					Access (non-Window		
						Owner	adrinin	
	Events					Group	admins Click to view	
	Extensions					Access (Windows us		
A	Monitoring					Permissions	Click to view	
2	Reports					Details		
						Folders	ern as a tree, Right-Cickin	

Add root folder  $\rightarrow$  Windows folder.

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#### Step 11: Select the folder which you have created in step9. Then, Click on OK.

Name		Date	Type	
~ (1)	(OS)		Drive	
>	SRecycle.Bin	14-12-2023	Directory	
>	Apps	21-09-2023	Directory	
>	Config.Msi	19-02-2024	Directory	
>	dell	21-09-2023	Directory	
>	Documents and Setti	07-12-2023	Directory	
>	Drivers	21-09-2023	Directory	
>	e-logo	21-09-2023	Directory	
>	OneDriveTemp	07-12-2023	Directory	
>	PerfLogs	07-05-2022	Directory	
>	Program Files	21-02-2024	Directory	
>	Program Files (x86)	21-02-2024	Directory	
>	ProgramData	21-02-2024	Directory	
>	Recovery	21-09-2023	Directory	
>	SETP	21-02-2024	Directory	
>	System Volume Infor	13-02-2024	Directory	
>	Users	06-01-2024	Directory	
>	Windows	24-01-2024	Directory	
>	XboxGames	22-12-2023	Directory	

Step 12: Now navigate to Users and click on Add User

	1 (primary	() - CompleteFTP N					- 0	×
=		FOLDERS	Step-by-step guides				🖱 APPER CAMPILE	E
B	Overview	🐜 Add mait folder	No Add auto-folder 100 Remo	xe .		Folder Properties:		
53	Sites	Shore.	- Iver	Owner	-Elverup	Plasme	Plana	
-0		Home	- Windows Folder	admin	adminis	Type	Windows Fotder	
	Servers	> Public	Windows Folder	www.ite	USETS.	Path	C/\ProgramDeta\	Errberger
	Users:	1000 BALTLA				blidden	<u> </u>	
-	Folders	(				Access Door Window	Crossi an	
	rolders	(				Owner	adresie	
۶	Events					Group	admina.	
	Extensions					Perverisalume	Click to view	
						Access (Windows to		-
2	Monitoring	1				Payrentinateress	Click to view	
	Reports					Dirtalla		
						Folders		

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#### Step 13: Click on Non-Windows user

ld user	Non-Windows user		
ed U	Windows user(s)	Home Folder	Groups
	Multiple non-Windows users		
	Admin user		
1			

**Step 14:** Configure the mandatory details like username (recommended to fill the optional details). Copy and paste the username in the notepad. Click on Next.

Username			
scott			
Full name (optional)			
scott_Tiger			
E-mail (recommended -	used when resetting passwor	d)	
	12/207		
Description (optional)			

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**Step 15**: To configure the Password, click on Random and copy and paste the generated password into the notepad. Configure everything as shown below and click on Add public key(s).

ep 2: Set Authentication	
Password Enabled Show characters Password m99kJk*u7Y	Public keys (SFTP/SCP/SSH)

Step 16: Click on Generate a new keypair for this user and add it to the list

Public keys:		(any of these may be used by the user for authentication)
Туре	Fingerprint	Encoded
mport a public	c key and add it to the list	
	c key and add it to the list	
emove curren	<mark>c key and add it to the list</mark> atly selected key from the list acted key in OpenSSH format	

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Step 17: Configure as shown below and click on OK.

erate SSH Keypair	
RSA Keypair	2,048 🗘 bits
C ECDSA P-256	5 Keypair
O ECDSA P-384	4 Keypair
O ECDSA P-521	Keypair
O Ed25519 Key	pair
O DSA Keypair	
OK	Cancel

**Step 18:** Now we will be redirected to our local storage. Here, we have to save the public key file which was generated in the CompleteFTP folder with any name. Click on save.

Save User's Private Key				×	
$\leftarrow \rightarrow ~ \checkmark ~ \uparrow$	늘 « Prog » Com »	~ C	Search Complete FTP	م	
Organize 👻 New	r folder		≡	• 😗	
늘 Files	Name		Date modified	Type	
늘 BoomiNotes	🚞 CompleteAgent		21-02-2024 15:14	File f	
Screenshots	Coc Doc	Coc Coc			
	Examples		21-02-2024 15:14	File f	
🗸 📮 This PC	🔁 Manager		21-02-2024 15:14	File f	
> 🛄 OS (C:)	Server		21-02-2024 15:14	Filef	
> 🛬 Network	install		21-02-2024 15:14	Text	
File name:	PublicKey			~	
Save as type:	All Files (*.*)			~	
A Hide Folders			Save	ancel	

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**Step 19:** Now we will be redirected back to CompleteFTP as shown below. Click on Random and click on OK.

Password Randor		
v+RJ=7rQ/t	Password	Random
	v+RJ=7rQJt	

A new tab will pop up as shown below. Just click on OK.

ub	lic keys:	(an	y of these may be used by the user for authenticatio
	Type	Fingerprint	Encoded
*	RSA	5d:39.ed:b9:45:af:d4:59.7d:0e:64:ee:aa:1c:88:6	AAAAB3NzaC1yc2EAAAADAQABAAABAQDo2i8
		key and add it to the list	
em	ove curren	tly selected key from the list	
em × pc	ove curren		OK Cancel

Step 20: Click on Next.

tep 2: Set Authentication		
Set a password and/or add one or m used for all protocols. Public keys ar least one authentication method mu	e used for SFTP, SCP and	
Password	Public keys (SFTP/SC	P/SSH)
Enabled	Enabled	
Show characters Password Bandom	RSA keys:	1
SnpRfX#34d	DSA keys:	None
	Ed25519 keys:	None
	ECDSA keys:	None
	Add public k	ey(s)

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Step 21: Select the folder which you have configured previously as shown below and click on

١dd	а	non-Windows user	
itep	3:	Select home folder	
		older:	
) c	reat	e default home folder	
4	/Ho	me/scott (C:\ProgramData\Enterprise Distributed Technologies\Complet	e FTF
5 Se	elec	t non-default home folder	
	a terfonde	C-drive	
	>	Home	
	>	Public	
		SETP	

**Step 22:** Now we can see all the details which we have configured previously (like username, home folder). Click on Apply.





tep 4: Verify Details		
Summary:		
Username:		
scott		
Full name:		
(none)		
Description: (none)		
(none)		
E-mail:		
(none)		
Home folder:		
/SFTP (C:\SFTP)		

**Step 23:** Now we can see the new tab as shown below. Under the Users tab, we can see the status of the user **scott** which we have created. The status is enabled.

Add	ser 🚳 Remove	Seneral users	ettings III More of	columns	
abled	Usemame	Email	Type	Home Folder	Groups
1	scott		Non-Wind	lows	users

Step 24: Open the command prompt and type ipconfig and click on enter.



nolega IAN adapten Wi-Fi						
reless LAN adapter Wi-Fi						
Connection-specific DNS	S	۱ft	Fi)	ĸ		
IPv6 Address						2406:b400:b4:c40d:c9d0:265b:10c0:ce80
Temporary IPv6 Address.						2406:b400:b4:c40d:b967:e06a:ff39:1a34
Link-local IPv6 Address					:	fe80::d8f1:e2e7:3497:5965%8
IPv4 Address		•	+	+	:	100000000000
Subnet Mask					:	255.255.255.0
Default Gateway						fe80::56af:97ff:fe6c:7273%8
						192.168.0.1

Now copy the IPv4 Address of your system which got generated and paste it in the notepad. This address will be used as host when we are configuring the sftpv2 connector in Boomi. By following all the above steps, we have successfully setup SFTP server in our local system. Now we will leverage Boomi to integrate with this SFTP server and transfer the files to and from SFTP server using SFTPV2 connector.

Make sure you have noted the below mentioned details.

Username:	*****
Password:	*****
Host:	*****

Now we will log in to the Boomi platform and configure SFTPV2 connector Connection Component.

### **Steps to configure SFTPV2 connector Connection:**

**Step 2.1:** Log onto the Boomi platform (https://platform.boomi.com/) with the required credentials (Email Address and Password).



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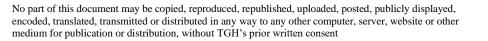
Step 2.2: Under Services choose Integration



**Step 2.3:** Now click on + icon to create new connection component. Choose the Type as connection and connector as SFTPV2 as shown in below image. Click on create.

What apps do you want to connect. Here Duck than ~	©Build on Integration Crissies a New Process →	Gaptons Process Library ->	
	Create a Create Create Co * Regener Insta	omponent	
	Туре	Connection	
+ Selvict source app	Connector*	SFTP V2	Ne.
		Car	cel Creat

Step 2.4: Connection Component looks as shown below.





New SFTP V2 Connect	tion Strays • 🗈 🛱	
Connection		
uthentication Type	Usemame and Password	~
emote Directory ①		
lost (j)		
iser Name (1)		
assword (i)	Click to Set	
ort (1)		
lient SSH Key File Path 🕧		
ey File Password 🕕	Click to Set	
nown Host Entry		
se Max Key Exchange size of 10	24 🛈 🗌	
rivate Key Content (1)	Click to Set	
ublic Key Content 🕧	Click to Set	
ey Pair Name 🕧		
se Keys' content for authenticat	ion (i)	
se Connection Pooling 🚺		
ise Praxy (1)		
haase Praxy Type	ATOM	~
roxy Host		
roxy Port		
roxy Usemame		
roxy Password	Click to Set	
onnection Timeout (ms)		
ead Timeout (ms) 🕧		

Authentication Type - Refers to an authentication type that can be selected: We have 2 types of authentications available.

1.Username and Password

2.Public key

**Remote Directory (Optional)** - Refers to the directory on the SFTP server where the connector reads files from or writes files to.

**NOTE:** If you leave this field blank, the connector uses the default working directory configured as the base folder on the SFTP server.

Host - Refers to a domain name or IP address of the SFTP host.

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**User Name** - Refers to the username of the account on the SFTP server. This field is mandatory if the Authentication Type is username and password.

**Password** - Refers to the password of the account on the SFTP server. This field is mandatory if the Authentication Type is username and password.

**Port** - Refers to port on which the SFTP server listens for incoming connections from the SFTP client. The default port is 22.

**Step2.5:** configure the mandatory fields like Authentication Type, Host, Username, password and click on test connection

Authentication Type: username and password

Host:	*****	
Port:	22	
Username:	****	
Password:	*****	
6) List_files_from_SETP	Econnection]SFTP V2 =	
e <sup>9</sup> [connection]SFTP	V2 ===== (m)	
Connection		
Authentication Type	Usernerse and Password	~
Remate Directory 🕢		
Hest (70	(100.000.000	
Close Martin (3)	[ <del></del>	
Passwort ()	<encrypted></encrypted>	
Port (1)	22	
Client SSH Key File Path 🕧	[]	
Key File Passwoort	«Encrypted»	
Known Host Entry		
One Max Key Exchange size of	1024 () []	
Private Key Content	=Encrypted>	
Public Key Canterit 🕐	<encrypted></encrypted>	
Key Pair Name 🕧		
User Heys: content for authent	earters (1)	
Use Connection Pooling (1)	Ē	
Line Proxy (1)		
Ofmone Proxy Type	ATOM	~
Prosey Hoser		
Proxy Port		
Proxy Username		
Prosy Password	Click to Set	
Connection Timesout (ms) 🕐		
212 204	1	

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**Step 2.6:** Save the connection component and click on Test Connection and choose your run time engine and click on Next.

	onnection om that you plan to use with this connector, the	n click Next to start the test.
Atom	<ul> <li>sowjanya atom</li> </ul>	~
		Cancel

Step 2.7: we can see the status as Test connection successful. Click on Finish.



Now we will create a Boomi process which will list the metadata of all the files in specified directory.

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(in) 🕒



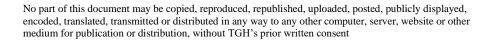
### **Steps to develop integration process:**

Step 3.1: Create a Process with the name List\_files\_from\_SFTP

b	Home	Services -	Resources -	Boomi Labs -	Settings -	Techy Geek Hub Softw	are Solution -
Integra	tion Da	shboard -	Build Deploy	- Manage -			
۲	۵ <u>۱</u>	ist_files_from_S	FTP ×				
ф	00	List_files_from_	SFTP macess •				
8							
	(+++)	6		<b>2+</b> ]			
	(23)	Start -	No Data				
	88						

**Step 3.2:** Drag and drop an SFTPV2 connector into the process canvas and attach it to the start shape.

Ð	List_files_from_SFTP ×
Þ	Se List_files_from_SFTP Process Se Constant
9	•
	(†††) (b)
	Start - No Data SFTP V2
	88





#### **Step 3.3:** Now configure the SFTP V2 connector.

Use connector shapes to get data into and out of a process. Most processes have one "get" connector and one or more "send" connectors. The Connector shape uses a combination of predefined connection and operation components to establish where and how to get or send data.				
General Par	ameters			
Display Name				
Connector 🕧	SFTP V2	~		
	The SFTP V2 connector allows you to download files from or upload files to the SFTP-enabled server. Learn more about this connector. L?			
Connection 🕧	Q Choose	0		
Action	CREATE	~		
Operation 🕧	Q Choose	0		

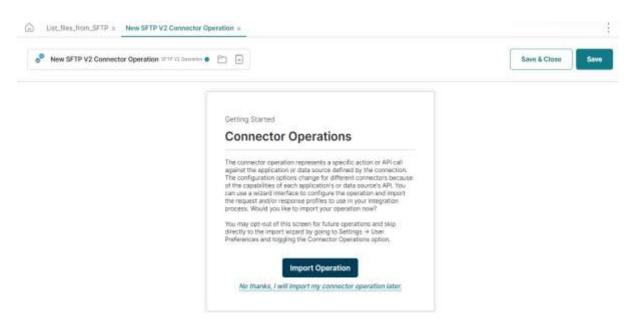
**Step 3.4:** Choose the connection component that we have created just now and choose the action as LIST from the dropdown.

Display Name		
Connector ①	SFTP V2	~
	The SFTP V2 connector allows you to download fill upload files to the SFTP-enabled server. Learn more about this connector.	es from or
Connection 🕧	Q [connection]SFTP V2	/ 0
Action	LIST	~
Operation 🕧	Q Choose	0





**Step 3.5:** Click on + to configure the operation component. The operation component looks as shown below.



Step 3.6: Click on Import Operation to automatically import profiles into the Boomi platform.

Step 3.7: A new wizard opens as shown below. Choose your atom and click on Next.

* Reguired fields.			
Connector Action	LIST	~ )	
Atom*	<ul> <li>sowjanya atom</li> </ul>	~	





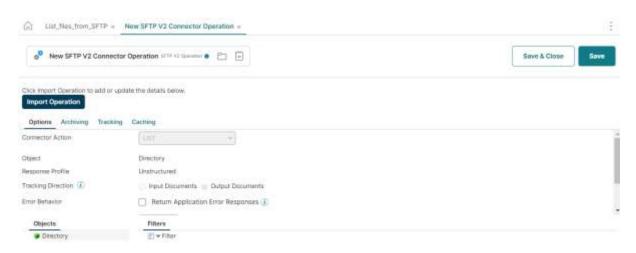
Cancel

Finish

#### Step 3.8: Click on Next.

Object Type 🕧   Directory	v
	Cancel Back Nex
p 3.9: Click on Finish.	
	rt
SFTP V2 Operation Impo	rt
SFTP V2 Operation Impoi	rt
SFTP V2 Operation Impoi Operation Loaded Object Name Directory Recommended Filters ①	
SFTP V2 Operation Impoi Operation Loaded Object Name Directory Recommended Filters ①	
SFTP V2 Operation Impo Operation Loaded Object Name Directory Recommended Filters Popular filters for Directory Query on SFTP V2. Sele	
SFTP V2 Operation Impor Operation Loaded Disject Name Directory Recommended Filters Popular filters for Directory Query on SFTP V2. Sele No thanks, I will set up my own filters.	ect one to apply to your operation.
<pre>fileName WILDCARD ?</pre>	ect one to apply to your operation.
SFTP V2 Operation Import Operation Loaded Object Name Directory Recommended Filters Popular filters for Directory Query on SFTP V2. Sele No thanks, I will set up my own filters. ItileName WILDCARD ? AND isDirectory	ect one to apply to your operation.

Step 3.10: Now the complete operation component will look as shown below. Click on save and close.



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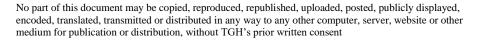
**Step 3.11:** Now drag and drop a stop shape into the process canvas and attach it to the SFTPV2 connector. The complete process looks as shown below.

				1.000	ALCONTRACTOR OF	d Component	Test A	Save & Close	Save
9									
	Start - No Cata	SFTP V2 Iconvector/SP17F V2 New SFTP V2 Connector	End and continue						
D		Committee							

**Step 3.12:** Now save the process component and click Test button and choose your atom to test the process.

Step 3.13: We can see our process got executed successfully and three documents were retrieved.

ŝ	List_files_from	SFTP ×		
← <u>F</u>	Process: List_fi	iles_from_S	SFTP -	
	Start - No Data	[co Ne	TP V2 Inflection]SFTP V2 w SFTP V2 Connec eration	
4	Documents	T		
#		Logs Sha	pe Source Data	
1	0	View Source	Size (KB)	
		<b>a</b>	0.12	
		<u>a</u>	0.13	





Step 3.14: Open any document. We can see the metadata of the file as shown below.

## **Document Viewer**

<pre>I {     "fileName": "EmployeeDetails.txt",     "directory": "/SFTP",     "modifiedDate": "2024-02-26T11:45:47Z",     "fileSize": 54,     "isDirectory": false     7 }</pre>	
8	*
4	*
Formatted view is on. Formatted view may hide some c	lata for easier reading.
Download Original Document	Size 126 bytes
	Close Document Viewer

In this way we can configure the SFTPV2 Connection and integrate with SFTP enabled server from Boomi platform.

## **References:**

- <u>https://help.boomi.com/</u>
- https://enterprisedt.com/products/completeftp/free/
- https://help.boomi.com/docs/Atomsphere/Integration/Connectors/int-SFTP\_connector\_2b8933d7-e4f5-4458-9c4c-04655f18ecf8
- <u>https://help.boomi.com/docs/Atomsphere/Integration/Connectors/int-SFTP\_connection\_918014be-2d25-47f2-8319-8323ae033eb8</u>
- <u>https://help.boomi.com/docs/atomsphere/integration/connectors/int-</u> <u>sftp\_operation\_cd60cd67-a0a3-4d32-9a04-f37dfa8ba443</u>







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2

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