



Setting up Host-to-Host Connectivity

While in the Connectivity tab, click on the Set up a Profile button to reveal the navigation menu.

Next, select Connectivity Profile Setup.

Capital Markets					RBC	Clear™	<i>4111</i>	Working Capital So	olutions
🗮 Menu	Accounts	Payments	Reports	Administration	Connectivity	Relationship Management	1		L
Connec	ti∨ity							Set up a Profile	
								Connectivity Profile Setup	
All Conne	ectivity P	ending Action	29					Payment Profile Setup	
Name			Туре			Status			
June11thA	fternoonTest		Host-t	o-Host		Active	🔝 Details		
test			Host-t	o-Host		Pending	🔲 Details		
June13Cor	nnProfile1		Host-t	o-Host		Pending	🔲 Details		
Test132			Host-t	o-Host		Pending	🔲 Details		
SabinaCC1			Host-t	o-Host		Pending	[i] Details		
Test Profile	e Name		Host-t	o-Host		Pending	[i] Details		
QA Test1			Host-t	o-Host		Pending	🚺 Details		
Rows per p	page 25	 ✓ 1-7 of 7 	A Page	1 of 1 📏					
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Enter the Connectivity Profile details.

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Channel: The technology method which you'll be using to connect to RBC's digital solutions.

Profile Name: A unique name must be provided to distinguish this connection profile from others. It should be descriptive enough to easily recognize the purpose of this profile.

Connectivity Type: Protocol which will be used to establish Host-to-Host connection.

E C	Capital Markets					RBC	Clear"	Working Capital Solutions
Ξ	E Menu	Accounts	Payments	Reports	Administration	Connectivity	Relationship Management	දු
	Connectivity	/ > Connect	ivity Profile					
	Set U	lp Conne form below to	ectivity Se setup your cor	ETVICE inectivity ser	vice			
	Conr	ectivity	Profile					
	Channel							
	Host	st-to-Host						
	Profile N	ame 🕐						
	Connect	ivity Type						
	Secur	e File Transfer	r Protocol (SFT	P)	~			
	Technica	al Group Distri	ibution Email					
	Receive a	lerts and notifica	ations for this prof	file				
	Publi	c PGP a	nd SSH k	evs				

Technology Group Distribution Email: An email address is required to configure the profile. Using a group distribution email address removes dependency on a single individual to maintain the connection.

Select the type of public key that you would like to add, then drag and drop or upload the file below.

Click the Upload button to add encryption keys for the connection. Ensure your key file adheres to the requirements outlined in the bulleted list.

Key Types:

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SSH Key (Mandatory): The connection must be encrypted using an SSH key. Provide your Public SSH Key here.

PGP Key (Optional): While the connection will be secured using SSH encryption, you also have the option to add file encryption using a PGP key.

UAT / Production: Credentials need to be established for both RBC Clear's test (UAT) and production environments.

Save as Draft: If you do not have all the necessary artifacts to complete the configuration, you can save your progress and can continue at a later time.

Public PGP and SSH Keys

Select the type of public key that you would like to add, then drag and drop or upload the file below.

PGP and SSH Requirements

- Key must have a minimum encryption strength of 2048.
- Key cipher should be DSA
- Key should have an expiry date greater than 6 months (non-expiring keys are also acceptable)
- Connectivity Profile must include both UAT and Production SSH keys
- Maximum file size 3 MB
- Accepted files: .txt, .key, .gpg, .gpg-key, .asc, .sig
- No encrypted or password-protected files

	Туре	FileName	Created Date	3	
>	Public PGP Key (UAT)	-	-	Uplo	ad
>	Public PGP Key (Production)	-	-	Uplo	ad
\sim	Public SSH Key (UAT)	-	-	Can	cel
		Drag and M File types:.txt Do not upload er	l drop or <u>choose a file</u> to upload aximum file size 3MB key, .gpg, .gpg-key, .asc, .rsa, .sig icrypted or password protected files		
>	Public SSH Key (Production)	-	-	Uplo	ad
				4	
e as [Draft			Cancel	Review

Click the **Review** button once the form is complete.

Next you'll be taken to the **Review and Submit** page. This page provides you an opportunity to verify the request details before submitting for approval.

Edit: You can modify any details by clicking on the Edit link (pencil icon). This will return you to the prior page with all the form fields prefilled.

Capital Markets RBC					RBC	Clear"	Working Capital Solutions
🗮 Menu	Accounts	Payments	Reports	Administration	Connectivity	Relationship Management	٤
Connectivity >	Connectivity F	Profile					
Review Review the fo	and Sub	mit e details before	submitting.				
Connec	tivity Pro	file		[No Tit	le]		Z Edit

Save as Draft: Save your progress so that you can continue at a later time.

Click on Submit Request once all form details have been verified.

Channel	Profile Name	Connectivity Type
Host-to-Host	Test Profile	Secure File Transfer Protocol (SFTP)
Technical Group Distribution Email		
myi i team@mycompany.com		
Public PGP and SSH Keys		
Туре	Filename	Created Date
Public SSH Key (UAT)	SSH_Public_Key_TestEnv.txt	Jul 2, 2024
Public SSH Key (Production)	SSH_Public_Key_ProdEnv.txt	Jul 2, 2024
Save as Draft		Cancel Submit Request

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Upon successful submission, you'll see a confirmation popup with links to next steps. Click **Create a File Profile** to continue to the next step.

If you're not ready to start the File Profile setup, click **Return to Connectivity**. This will return you to the Connectivity landing page.

Capital Markets	RBC Clear™	Working Capital Solutions
\equiv Menu Accounts Payments Reports	Administration Connectivity Relationship Management	<u>گ</u>
Connectivity > Connectivity Profile		
Review and Submit Review the following profile details before submitting	Profile Created	
Connectivity Profile Channel Host-to-Host Technical Group Distribution Email myITteam@mycompany.com	The connectivity profile has been successfully submitted. To move to the next step, select Create a File Profile. If you are not ready to proceed, you can return ile Services. Return to Connectivity Create a File Profile	∠ Edit nnectivity Type cure File Transfer Protocol (SFTP)
Type	Filename	Created Date
Public SSH Key (UAT)	SSH_Public_Key_TestEnv.txt	Jul 2, 2024
Public SSH Key (Production)	SSH_Public_Key_ProdEnv.txt	Jul 2, 2024
Save as Draft		Cancel Submit Request

Enter a Profile Name. This name must be unique and should be descriptive enough to easily recognize the purpose of this File Profile.

Select an existing **Connectivity Profile** from the dropdown menu.

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Note: The profile must be submitted & pending for approval to be listed in this dropdown. Draft profiles will not appear here.

	Capital Markets					RBC	Clear"	Working Capital Solutions
=	∃ Menu	Accounts	Payments	Reports	Administration	Connectivity	Relationship Management	گ
Connective Pay Use th	vity > Pay / ment ne form bel	ment File Pro File P ow to setup	file > Set Up FOFILE your paymen	nt service				
Profile Profile	file Deta e Name ③ Profile Nam ectivity Profi ect Connecti	ils e is required ile vity Profile						

Next you'll configure the **Request File Settings**. These are the settings and configurations of the file you'll be transmitting to RBC.

File Name ID: A unique 5-character (alpha-numeric only) ID must be created to distinguish the profile from others. This ID must also be added onto the file name of every file that is transmitted to RBC. The ID will act as a linker between the transmitted file and this File Profile.

File Format: The contents of the file must conform to an allowable standard offered in this list.

Transaction Type: Select the type(s) of transactions that are allowed in the transmitted file.

Request File Settings	
File Name ID 💿	
File Format	
NACHA	
Transaction Type	
Choose accounts >	
Rejection Level ⑦	Rejection Threshold 🕐
File Level 🗸	% 100

File Format				
NACHA	\sim			
Transaction Type				
Choose accounts > 0 accounts selected				
Rejection Level 🕐		Rejection Threshold 🕐		

Account Selection:

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which accounts will be enabled for processing.

An account that is used in the file but not enabled on this profile will result in the transaction being rejected during file processing.

For ACH, the account must first be onboarded for ACH processing eligibility in order for the account to be added to this profile.

Profile Details				
Profile Name ③				
Payroll Test				
Connectivity Profile				\times
H2H File Process Account Selection				
		Q Sear	ch]
Request File S]
File Name ID ③ Account Nickname 1	Account Number ↓↑	Entity ↓↑	Transaction Type	
PAY99 Test Editable2	100000452097	OppenheimerFunds, Inc.	ACH	-
File Format DDA Test 0625 01	100000479063	OppenheimerFunds, Inc.	ACH	
NACHA SIT test	100000518328	OppenheimerFunds, Inc.	ACH	
Transaction Type DDA Test 0711 1033	100000542927	OppenheimerFunds, Inc.	ACH	
ACH DDA Test 0711 0129	100000544846	OppenheimerFunds, Inc.	ACH	
Choose accounts > 1 accounts selected DDA Test 0711 1220	100000543504	OppenheimerFunds, Inc.	ACH	
Rejection Level ⑦				
File Level				
		Cancel	Confirm selections	
Response File				

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Rejection Level: This determines the impact of validation errors on the file during processing.

Rejection Threshold: For advanced file settings with file level rejection, you may set a rejection threshold. This setting indicates the percentage of rejected payments that will result in the entire file being rejected. *Sample Use Case: 90% threshold indicates that when 90% or*

more of its payments fail validations, then the whole file will fail validation.

Request File Settings File Name ID 🕐 PAY99 File Format NACHA \sim Transaction Type 🗸 ACH Choose accounts > 1 accounts selected 11 Rejection Threshold (?) Rejection Level 📀 File Level 100 \sim %

Rejection Levels:

File Level: By default, File Level rejection is chosen. This setting indicates that all transactions in the file must be successfully validated in order for any transaction in the file to be processed. If the file contains any validation errors, then the entire file will be rejected & ineligible for processing.

Batch Level: For a file that contains multiple batches, this setting indicates that all transactions in the same batch must be successfully validated in order for the batch to be eligible for processing. If the file contains other successfully validated batches, those batches will continue to be processed, while the failed batch will be rejected & ineligible for processing.

Transaction Level: Choosing Transaction Level rejection offers the most flexibility. For a file that contains multiple payments, this setting indicates that each payment will be treated individually for eligibility. Any payments failing

-			
PAY99			
ile Format			
NACHA	~		
ransaction Type			
ACH			
Choose accounts > accounts selected			
Rejection Level 🕐			
Batch Level	^		
File Level			
File Level Batch Level			

validations will be rejected and ineligible for processing, but

all remaining payments will be further processed.

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Next, configure the **Response File Settings.**

This allows for file based responses that you can receive for payment file requests.

Receive a response file: This indicates that you would like to receive file-based response over your Connectivity setup.

File Format: The contents of the file will conform the standard selection in this section.

Report Delivery: This indicates how frequently the response files can be delivered to the over your Connectivity setup.

Save as Draft: Save your progress so that you can continue at a later time.

Click on **Review** once the form is complete.

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Response File Settings	
Receive a response file	
File Format	
ISO XML PAIN.002	
Report Delivery ③	
15 Minutes	
Daily End-of-day	
15 Minutes	
30 Minutes	Cancel Review
1 Hour	
epc 2 Hour	ights Reserved. Legal 🖄 Accessibility 🖄 Privacy & Security 🖄

Next, you'll be taken to the Review and Submit page where
you can verify your request details before submitting it for
approval.

Edit: You can modify any of details by clicking on the Edit link (pencil icon). This will return you to the prior page with the form fields prefilled.

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Review and Submit

teview the following profile details before submitting.									
Profile Details						🖉 Edit			
Profile Name Payroll Test 12345	Cor H2ł	nnectivity Profile H File Process							
Request File Settings									
File Name ID PAY99	Tran ACH	nsaction Type H		File Format NACHA					
Enabled Accounts									
Account Nickname ↓↑	Account Number ↓↑		Entity ↓↑		Transaction Type				
SIT test	100000518328		OppenheimerFunds, Inc.		ACH				
Rejection Level Transaction Level									
Response File Settings									
File Format ISO XML pain.002	Rep 15 N	oort Delivery Minutes							
Save as Draft					Lancel	Submit			



16 Upon successful submission, you'll be returned to the landing page with a confirmation banner.



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