

Document title

DATA SHOP SFTP GUIDE

Document type or subject GUIDE

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PREFACE

DOCUMENT HISTORY

The following table provides a description of all changes to this document.

VERSION NO.	DATE	CHANGE DESCRIPTION
1.0	06/08/2021	Initial version
1.1	14/12/2022	Added SFTP host/port details

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1. STEPS TO CONFIGURE AUTHENTICATION SETTINGS

STEP 1 – SIGN IN

URL: https://live.euronext.com/

Press "Sign in".

EURONEXT Live markets	Name, ISIN, Ticker, Index	Q Search site	Q 🔮 🕸 EN 🕶
			My profile My Subscriptions
Options Investin	na E-		Watchlists
learning		Status	Quote alarts
Providing investors with all the b options trading.	asics of		
START OPTIONS INVESTING E-LEAR		Call Property and	
		-/LIT	

Enter your live.euronext.com "Username" and "Password".

EURONEXT Live markets		⊕ en
LOG IN		
	Welcome, please sign in.	
	Username	
	Username or e-mail	
	Password	
	Your password	
	LOG IN	

STEP 2 – SELECT AUTHENTICATION METHOD



Press "My Datashop Profile".

Select your preferred "Authentication Method".

EURONEXT Live markets	Name, ISIN, Ticker, Index	Q Search site	۹ 💄	⊕ EN ▼
MY DATASHOP PROFILE				
My SFTP Settings My Licenses				
Data Shop User Authentication Method				ĺ
Username / Password Username / Password SSHKey Username / Parsword - SSHKey			~	

STEP 3 – ENTER YOUR ACCESS DETAILS

AUTHENTICATION METHOD: "USERNAME / PASSWORD"

Your SFTP "Username" is pre-defined by Euronext. You may change it.

Enter your SFTP "Password".

Press "Update".

EURONEXT Live markets		Name, ISI	N, Ticker, Index Q Search site	Q 💄 🕸 en 🕶
Authentication Method				•
Username / Password				~
Username			Password	
your username			•••••	
POLICY	STATUS	CONSTRAINT		
Regular base policy	Pass	1 special cha	racters	
Regular base policy	Pass	1 uppercase (characters	
Regular base policy	Pass	1 numeric ch	aracters	
Regular base policy	Pass	Password cha	aracter length of at least 8 characters	
Regular base policy	Pass	Password mu	ist not contain the user's username.	
Status				
ACTIVE				
Update				

• AUTHENTICATION METHOD: "SSHKEY"

Your SFTP "Username" is pre-defined by Euronext. You may change it.

Enter your "SSHKey".

Press "Update".

Data Shop User	
Authentication Method	
SSHKev	~
Username	
your username	
Public SSHKey	
ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAABAQCAg4p	vXrzvQbQlpEbYns8lNCxfp17LoBEp9wdvTivjk0yAfu8HRzZcZ+pu7yl,
Status	
ACTIVE	
Update	

• AUTHENTICATION METHOD: "USERNAME / PASSWORD + SSHKEY"

Your SFTP "Username" is pre-defined by Euronext. You may change it.

Enter your SFTP "Password".

Enter your "Public SSHKey".

Press "	Update".
---------	----------

sername		Password
your username		
POLICY	STATUS	CONSTRAINT
Regular base policy	Pass	1 special characters
Regular base policy	Pass	1 uppercase characters
Regular base policy	Pass	1 numeric characters
Regular base policy	Pass	Password character length of at least 8 characters
Regular base policy	Pass	Password must not contain the user's username.
ublic SSHKey		
ssh-rsa AAAAB3NzaC1y	c2EAAAADAQABAA	ABAQCAg4pvXrzvQbQlpEbYns8lNCxfp17LoBEp9wdvTivjk0yAfu8HRzZcZ+pu7yl,
tatus		
ACTIVE		

2. STEPS TO GENERATE SSH KEY USING WINSCP

The WinSCP application is used for illustration purposes. The user may select any other application that supports the PuTTY format¹ to generate the SSH KEY.

STEP 1 – OPEN "NEW SESSION"

Press "New Session" under "Session" menu

🔒 WinSCP									
Local Mark Files Commands	Ses	ion Options Remote Help							
🖽 📰 🕞 Synchronize 🖬	Ţ.	New Session Ctrl+N	- jet	tings Default		• <i>👩</i> •			
New Session	ļ,	Close Session Shift+Ctrl+D							
🛀 C: OSDrive 🔹 🤭		Disconnect Session	1	۹.,		•	🗊 🏠 🎜 🔯 Find Files 🔁		
🕼 Upload 👻 📝 Edit 👻 🗙	ŵ.	Rename Session		\forall	10	Download - 📝 Edit - 🗙 📝 🎲 Propertie	es 😭 New - 主 🖃 🕅		
C\	η,	Save Session as Site							
Name		Server/Protocol Information			Nar	ie ^	Size Changed	Rights	Owner
		Generate Session URL/Code							
		Change Password							
		Install Public Key into Server							
		Color	+						
	9	Opened Sessions	×						
		Workspaces	•						
	-8	Save Workspace							
	۲	Sites	•						

STEP 2 – OPEN "ADVANCED" SESSION SETTINGS

Press "Advanced" under the "Advanced" button on the "Login" window

🖺 Login		- 🗆 🗙
New Site	Session File protocol: SFTP V	Post sumber
	Host name: User name: Save	Advanced
	I	Session
		Advanced
		Edit Raw Settings
		Transfer Settings Rule
		Global Preferences
		Logging
Tools V Manago V		Halp
Manage +	Close	пеір

¹ PuTTY is the only key format supported by the Euronext Data Shop SFTP

STEP 3 – GENERATE SSH KEY PAIR

Go to "Authentication" under "SSH" on the "Advanced Site Settings" window

Press "Generate New Key Pair with PuTTYgen..." button under the "Tools" button

Advanced Site Settings		?	\times	
Environment - Directories - Recycle bin - Encryption - SFTP - Shell Connection - Proxy - Tunnel SSH - Key exchange - Authentication - Bugs Note	□ Bypass authentication entirely Authentication options □ Attempt authentication using Pageant □ Attempt 'keyboard-interactive' authentication □ Attempt 'keyboard-interactive' authentication □ Attempt TIS or CryptoCard authentication (SSH-1) Authentication parameters □ Allow agent forwarding Private key file: □ Display Public Key □ GSSAPI □ Attempt GSSAPI authentica □ Allow GSSAPI credential delegation	ir with PuT Server	TYgen	
Color 🔻	OK Cancel	H	elp	

Press the "Generate" button and then follow the instructions provided by the WinSCP application.

PuTTY Key Generator				
File Key Conversions Help				
Key No key.				
Actions Generate a public/private key pair Load an existing private key file Save the generated key		Save public key	Generate Load Save private key	
Parameters Type of key to generate: RSA ODSA Number of bits in a generated key:	OECDSA	OEdDSA	O SSH-1 (RSA)	

STEP 3 – SAVE SSH KEY PAIR

Press "Save private key" and "Save public key" buttons

PuTTY Key Generator			×		
File Key Conversions He	elp				
Key Public key for pasting into C ssh-rsa AAAAB3NzaC1yc2 +ryX40f0MoHXYe +eLEn6vYv1c54fxFoWPCy ob8GhYsTLFuRO0S6HLC	DpenSSH authorized_keys file: 2EAAAADAQABAAABAQCOv5rjwxlr rtMzlycTLh2cWkEn8HhnDXZT6y3C JtiZ4+IA3dao8mMnko3N02E7D6OK	AvXDMz8L8uhJ6pUGDJKOUM6 Ih7SxxW1Bs84vGJmge40ikuF0f 1eBZaEREW0OzWIS/7JlnwLqP	SukJiDgx8aR A PMaHB4T/uqE10WcfCs9B Pp1kZZDC5n7ElcYzNOTu		
BF9YZC+6HgQTzG64X72	Jg43lUfpbt0GzrVgbE+wOJQXfXPS2r	nXilwbAFuULcgRdWz	*		
Key fingerprint: ssh	ssh-rsa 2048 SHA256:trm5oQFX3BK36UAq83TcsHJA886RS/FxCSBNNZun1C0				
Key comment. rsa-	rsa-key-20210804				
Key passphrase:					
Confirm passphrase:					
Actions					
Generate a public/private key pair Gene			Generate		
Load an existing private ke	y file		Load		
Save the generated key		Save public key	Save private key		
Parameters					
RSA	DSA OECDSA	OEdDSA	OSSH-1 (RSA)		
Number of bits in a generat	ted key:		2048		

SFTP HOST/PORT DETAILS 3.

- Host: data.prodnr.euronext.cloudPort: 22000