

Virtual Private Server (VPS) Set-up Guide

Version 1.0



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Welcome to the Virtual Private Server (VPS) Set-up Guide

In this set-up guide, you'll find instructions on how to set up a Virtual Private Server (VPS) with the MetaTrader 4 software at GFT. You can walk step-by-step through this guide to set up and maintain the VPS.

What is a Virtual Private Server (VPS)?

Virtual Private Server (VPS) hosting gives you a secure, dedicated server to enhance your MT4 trading platform and ease any concerns you may have about system instability. You can protect your MetaTrader 4 expert advisors (EAs) from downtime, power outages, or unexpected computer malfunctions; this also gives you the security that your trades will be executed without interruption.* Plus, you can log in remotely from any computer.

* Even the most trustworthy services cannot fully avoid small or unexpected outages. In the rare case this occurs, subscribers will be promptly alerted to restart their EAs.

Tips for Using This Guide

GFT uses the following notes to emphasise important information about using the VPS.



Describes information on the action of a tool or feature in the VPS. When you see this symbol, it provides a larger context for information and procedures.



Provides hints, tricks and shortcuts that may help you use the VPS.



Alerts you of critical information that you need to know when you perform a particular procedure.



Setting up the Virtual Private Server (VPS)

Once you sign up for your VPS, you'll receive login details. You can use these in combination with the steps here to set up the server.

Connecting to the VPS

You'll need to connect to the VPS using the Remote Desktop Connection application located in the **Accessories** folder under the **Start** menu on your computer.



When you sign up for your VPS, you will receive an email with your login details and other information that you'll need to enter into the Remote Desktop Connection.

You will be required to change your password when you first login.

Accessing the VPS for the first time:

1. Click the **Start** menu, select **All Programs**, click **Accessories**, and then select **Communications**. Click **Remote Desktop Connection** which appears in this folder.

😼 Remote D	esktop Connection		
	Remote Desktop Connection		
<u>C</u> omputer:	216.93.244.133	•	
User name:	None specified		
You will be as	ked for credentials when you con	nect.	
Options		Connect <u>H</u> elp	

2. Click Options.



3. On the General tab, enter the VPS IP that was sent to you and your user name.

😼 Remote	Desktop Conne	ction			- • •
	Remote Conne	Desk ectio	top n		
General [Logon set)isplay Local R tings	esources	Programs	Experience	Advanced
	Enter the name	of the rem 216.93.24	note comput	er.	-
	User name:	JTrade 10			
	You will be ask	ed for crea save c <u>r</u> ed	lentials whe lentials	n you connec	t.
Connectio	n settings				
	Save the currer saved connecti Save	nt connect ion.	tion settings Sa <u>v</u> e As	to an RDP file	e or open a Op <u>e</u> n
Options			ſ	Connect	Help

- 4. Click Connect. A message appears.
- 5. Check **Don't ask me again for remote connections to this computer** checkbox and click **Connect**. A second message appears.
- 6. Check Don't show this warning again for connections to this remote computer checkbox and click Yes.
- 7. Enter your user name and password and click OK.
- 8. When the login message appears, click **OK** again.
- 9. Enter the new password you want to use and click OK.

Once the remote connection is set up, a shortcut to the VPS appears on your desktop and you can click it to open the Remote Connection.



You can also open the Remote Desktop Connection by clicking the **Start** menu and selecting **Run**. Once the Run window is open, you can enter the command 'mstsc'.

Transferring Files to the VPS

If you already downloaded autotrading strategies, such as expert advisors (EAs) or other types of files to use in MetaTrader 4, you'll need to transfer these files to your VPS before you install them.



EAs are programs that automatically analyse market conditions and place trades in MetaTrader 4 based on criteria that you set. You may also need to transfer scripts, custom indicators and other files. You can find more information about these in GFT's *MetaTrader and MetaEditor User Manual*.

Transferring files to the VPS:

- 1. Click the **Remote Desktop Connection** shortcut.
- 2. Click Options.



3. Click the Local Resources tab and click More.

퉣 Remote De	esktop Connection		- • •
	Remote Desk Connectio	top n	
General Dis	play Local Resources	Programs Experie	ence Advanced
	Configure remote audio s	ettings.	
- Keyboard -	Apply Windows key com	hinationa:	
	Apply windows <u>Rey</u> com	pinduoris.	_
	Example: ALT+TAB	3010611	
Local devic	es and resources		
-	Choose the devices and your remote session.	resources that you	want to use in
	✓ Printers	Clipboard	
	More		
Options		Conne	ct <u>H</u> elp

4. Check the **Drives** box and click **OK**.

Nemote Desktop Connection	—
Remote Desktop Connection	
Local devices and resources	
Choose the devices and resources on this computer that you want to use in your remote session.	
✓ Smart cards	
Po <u>r</u> ts	
 	
Which devices can I use in my remote session?	
OK	el

- 5. Click **Connect**.
- 6. Once logged into the VPS, click the **Start** menu and select **My Computer**.
- 7. Under the Other section, verify that the files are available.



If you cannot see your local drives, click the **Start** menu and select **Log Off**. Do not use the × to exit the program. Then, login again. If you continue to have problems, contact GFT.

Installing an Expert Advisor (EA) in the VPS

When your expert advisors are transferred, you can install them on the VPS.

If you have an executable file (.exe) or an .mq4 file, place it on the desktop of your VPS and contact GFT so we can install it for you.

If you have.ex4 and .dll files, you'll need to place your files in the following locations:

- .ex4
 C:\Documents and settings\user\Program Files(x86)\MetaTrader4\experts
- .dll files
 C:\Documents and settings\user\Program Files(x86)\MetaTrader4\experts\library

Activating an Expert Advisor (EA) in the VPS

After they're installed, your expert advisors (EAs) will appear in the Expert Advisors folder in MT4. To activate one, you'll need to first enable expert advisors in MetaTrader 4. Then, you can add it to a live chart.



Remember, the **Expert Advisors** button in the Standard toolbar must be active in order for your expert advisor to work.

Activating an Expert Advisor (EA) in the VPS:

1. Login to MetaTrader 4.

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2. Click the **Tools** menu and select **Options**.



\$ 208845	4440: G	FT MT4	Po	owere	d by BT - Demo Accou	int - [EUR	USI
📆 File 🛛 Vie	ew Inser	rt Chart	s	Tools	Window Help		_
₽ • ₽•	· 🚯 •	Ф 🏠		E.	New Order	F9	dvi
Market Watch	n: 22:07:1)	4	>	8	History Center	F2	
Symbol	Bid	Ask	^	-	Clabal Vaciables		-÷-
🚸 USDCHF	0.98	0.98		00	GIODAI VARIADIES	F3	
🚸 GBPUSD	1.58	1.58		۲	MetaQuotes Language Edito	or F4	- + -
🛧 EURUSD	1.38	1.38		8.	Options	Ctrl+O	
🔶 USDJPY	81,408	81,426		1			

- 3. In the Options window, click **Expert Advisors**.
- 4. Make sure all of the options are checked and click **OK**.

Options	? 🗙
Server Charts Objects Trade Expert Advisors Email Publisher Events	
 Enable Expert Advisors (except for Custom Indicators and Scripts) Disable experts when the account has been changed Disable experts when the profile has been changed 	
Allow live trading	
Ask manual confirmation	
Allow DLL imports	
Confirm DLL function calls	
Allow external experts imports	
OK Cancel He	elp

5. Click the EA that you want in the Expert Advisors folder and drag it to the chart. This opens a parameters window.



EURAUD	1.41288	1.41327			
AUDCAD	0.99716	0.99763		Fusion	? 💌
GBPJPY	129.589	129.639	њы - н н <u>н</u>	Common Inputs	
NZDJPY ymbols Tick (62.042 Chart	62.083	- 	Common Safety	
GFT MT4 Powe 	red by BT s s lvisors n D Sample ng Average			Long & Short positions Image: Configure of the state of	
≪ Nigh 	tFox_2.7 indicators		 	Ask manual confirmation OK Cancel	Reset

6. Make sure **Allow live trading** is checked.

You can verify if the expert advisor has been attached to the chart by looking for one of three types of icons in the upper right corner of the chart. A O means that the expert advisor was attached and is actively trading. A O shows that the expert advisor was attached, but that live trading is disabled for it. A \checkmark means that all expert advisors have been disabled.



To ensure optimal performance of VPS, manual routine downtime happens on the first Friday of each month at 5 pm EST after the market closes. This maintenance will require all customers to restart their Expert Advisors before the market opens to ensure they are properly re-activated before trading resumes.



Maintaining the VPS

After you set up and use your VPS, you may need to manage it. In this section, we'll look at removing expert advisors and changing your password.

Removing an Expert Advisor from the VPS

You can remove an expert advisor (EA) from the chart by deleting its files and then right-clicking in the chart and selecting **Delete** from the drop-down menu.



Removing an Expert Advisor from the VPS:

- 1. Using an application like Windows Explorer, navigate to C:\Documents and settings\user\Program Files(x86)\MetaTrader4\experts.
- 2. Delete the related .mq4 and .ex4 files for that expert advisor.
- 3. In the MT4 terminal, right-click and select **Expert Advisors**.
- 4. From the drop-down menu, click **Delete**.
- 5. Log out and restart MetaTrader 4.

Changing Your VPS Password

From time to time, you may need to change your VPS password. You can do that from within the platform.

Changing your VPS password:

- 1. While in the VPS, press Ctrl+Alt+End simultaneously in the VPS.
- 2. Click Change Password.



If a message that reads 'The system cannot change your password now because domain is not available,' appears as you change the password, delete the IP address and leave the user name in the **User Name** field.



Windows Security							
Windows Server 2003 Standard x64 Edition							
Copyright © 1985-2005 Microsoft C	orporation	Microso					
Logon Information vpsuser1 is logged on as BT-E92MC38JHLNL\vpsuser1. Logon Date: 7/1/2010 11:28:52 AM							
Use the Task Manager to close an application that is not responding.							
Loc <u>k</u> Computer Log Off Shut Down							
Change Password Task Manager Cancel							

3. Enter the old and new password and confirm the password.

Change Password		
 	Windows Server 2003 Standard x64 Edition	
Copyright © 1985-2005 Microso	ft Corporation	Microsoft
User name:	vpsuser2	
Log on to:	BT-E9ZMC38JHLNL (this computer)	
Old Password:	•••••	
New Password:	•••••	
Confirm New Password:	••••••	
	ОК	Cancel

- 4. When done, click **OK**. This sends you back to the Windows Security window.
- 5. Click **Cancel** and you will return to your VPS.

Windows Security						
Windows Server 2003 Standard x64 Edition						
Copyright © 1985-2005 Microsoft C	Corporation	Microsoft				
Logon Information vpsuser1 is logged on as BT-E9ZMC38JHLNL\vpsuser1. Logon Date: 7/1/2010 11:28:52 AM						
Use the Task Manager to close an application that is not responding.						
Lock Computer	Log Off	Shut Down				
hange Password Cancel						



Finding Further Information

If you need help using the VPS with MetaTrader 4, contact GFT at +65 6227 5519 to speak with a GFT specialist. You can also access Live Chat on our website to text chat with us as well.





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