## App Notes FC6A FTP Server Configuration

1. In WindLDR Configuration tab, click Ethernet Port 1.

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•••	Home	Configuration	Online	View											
	ĊŢ			٩F						31	50		2	22	1
PLC Type	Expansion Modules	Run/Stop Control	Memory Backup	Input Configuration	Comm. Ports	External Memory	Device Settings	Program Protection	Self Diagnostic	Calendar & Clock	Ethernet Port 1	Ethernet Port 2	Connection Settings	Access Control	Config uration
	PLCs						Func	tion Area Se	ttings		-				SD Card
Property				<del></del> ч х	Ma	in Progra	m 🕼	lodule Confi	guration 🥐	N	F	unction A	rea Settings	- Etherne	t Port 1 Settings
					Rung		1					Ethernet P	ort 1 Settings	ttings dial I.	og and select

2. Under IP Settings, configure your FC6A-D\* CPU IP address. Note: In this example, we'll use IP address 192.168.104.116

Function Area Settings			y x
Run/Stop Control Memory Backup	Configure the ethernet port	1 settings.	Â
Input Configuration	IP Settings		
Communication Ports	Obtain an IP Address automat	ically (DHCP)	=
External Memory Devices	🔘 Use special data register to co	onfigure the IP address	
Device Settings	Use the following IP address:		
Program Protection	IP Address:	192 . 168 . 104 . 116	
Self Diagnostic	Subnet Mask:	255.255.255.0	
Calendar & Clock	Default gateway:	0.0.0.0	
Ethernet Port 1			
Ethernet Port 2	DNS Settings		

- 3. Scroll to the bottom until you see FTP Client and Server Settings.
- 4. Uncheck FTP Client Settings.

FT	<sup>o</sup> Client	Settings				
	Enable	FTP Client				
	No.	Source	Destination	Files to transfer	<b>^</b>	
	1				Configure	

5. Check Enable FTP Server and click the Configure button.

TP Server Setting	s r	
Timeout: Configure usera	15 min accounts to access FTP Serve : Configure acure connection (SSL) to connect	
		OK Cancel



6. Click **FTP Server** tab, check the Read/Write permission, and click the **New User** button.

User Account Settings		? ×
	General       Web Serve       FTP Server       Access from App         Image: Allow access to FTP server       Permission:       Image: Comparison of the server         Image: Comparison of the server       Image: Comparison of the server       Image: Comparison of the server         Image: Comparison of the server       Image: Comparison of the server       Image: Comparison of the server         Image: Comparison of the server       Image: Comparison of the server       Image: Comparison of the server         Image: Comparison of the server       Image: Comparison of the server       Image: Comparison of the server         Image: Comparison of the server       Image: Comparison of the server       Image: Comparison of the server         Image: Comparison of the server       Image: Comparison of the server       Image: Comparison of the server         Image: Comparison of the server       Image: Comparison of the server       Image: Comparison of the server         Image: Comparison of the server       Image: Comparison of the server       Image: Comparison of the server         Image: Comparison of the server       Image: Comparison of the server       Image: Comparison of the server         Image: Comparison of the server       Image: Comparison of the server       Image: Comparison of the server         Image: Comparison of the server       Image: Comparison of the server       Image: Comparison of the server	
New User Delete	ок с	ancel

7. Enter the User Name and Password.

Note: In this exa	mple, we'll use the following
User Name:	idecusa

assword: 1decusa						
User Account Settings						? ×
lidecusa	General	Web Server	FTP Server	Access from App		
	UserNa	me:	idecusa			
	Passwor	d:	******			
<u>N</u> ew User <u>D</u> elete					ОК	Cancel

- 8. Click OK and OK button to exit.
- 9. Download project to FC6A-D\* CPU.

- 10. Launch FTP Client application. In this example, we'll use FileZilla (<u>https://filezilla-project.org/</u>).
- 11. Click File → Site Manager

FZ Fi	leZilla						
File	Edit	View	Transfer	Server	Bookmarks	Help	New
	Site M	lanager				Ctrl	+S
	Сору	current	connectio	n to Site	Manager		
	New t	ab				Ctrl	+T
	Close	tab				Ctrl+	W

12. Click the **New Site** button and enter the site name (i.e. FC6A).

Select Entry:	General Adv	anced	Transfer Settings	Charset
My Sites	Host:			Port:
$\smile$	Protocol:	FTP - F	ile Transfer Protoc	ol 🗸
	Encryption:	Use ex	plicit FTP over TLS	f available 🔹 🔻
	Logon Type:	Anony	mous	•
	<u>U</u> ser:	anony	mous	
	Password:			
	Account:			
	Co <u>m</u> ments:			
<u>N</u> ew Site New <u>F</u> older				*
New Book <u>m</u> ark <u>R</u> ename				
Delete Duplicate				-

13. Under General tab, enter the PLC IP address (step 2) in Host. Select **Normal** as Logon Type and enter the **User** and **Password** (step 7).

Site Manager	×
Select Entry: My Sites FC6A New Site New Folder	General       Advanced       Transfer Settings       Charset         Host:       192.168.104.116       Port:         Protocol:       FTP - File       Transfer Protocol         Encryption:       Use explicit FTP over TLS if available         Logon Type:       Normal         User:       idecusa         Password:       Account:         Comments:       ^
New Book <u>m</u> ark <u>R</u> ename	-
<u>Delete</u> Dupl <u>i</u> cate	
	<u>Connect</u> <u>QK</u> Cancel



14. Click the **Transfer Settings** tab. Check the box "Limit number of simultaneous connections" and set the Maximum number of connections to **1**.

Note: This step is critical because the FC6A Plus is limited to 1 Client connection.

Site Manager		X
Select Entry:	General       Advanced       Transfer Settings       Charset         Iransfer mode: <ul> <li>Default</li> <li>Active</li> <li>Passive</li> <li>Imit number of simultaneous connections</li> <li>Maximum number of connections:</li> <li>Image: Connection in the set of t</li></ul>	

15. Click the **Connect** button.

New Site	New <u>F</u> older	
New Book <u>m</u> ark	Rename	
Delete	Duplicate	

16. Assuming the SD card is plugged into the FC6A Plus with data, you now have read/write access to the SD memory card.

E FC6A - idecusa@192.168.104.116 - FileZilla	The Real Property and Apply and	- • ×
<u>File Edit View Transfer Server Bookmarks H</u> elp <u>N</u> ew version available!		
1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -		
Host: Username: Password:	Port: Quickconnect 💌	
Status:         TLS connection established.           Status:         Server does not support non-ASCII characters.           Status:         Connected           Status:         Retrieving directory listing           Status:         Directory listing of "/" successful           Status:         Directory listing of "/FCDATA01"           Status:         Directory listing of "/FCDATA01"           Status:         Directory listing of "/FCDATA01"           Status:         Directory listing of "/FCDATA01.DATAIOG"           Status:         Directory listing of "/FCDATA01.DATAIO.GG" successful           Status:         Retrieving directory listing of "/FCDATA01.DATAIO.GG" successful		E
Local site: C:\Users\dpham\Documents\	Remote site: /FCDATA01/DATALOG/RESULT	
· WindLGC8.0 AppData · Application Data Box Sync · Box Sync · Contacts · Cookies B - Desktop · Documents ▼	FCDATA01 FCDATA01 FCDATA01 FCDATA01 FCDATA01 FCDATA01 FCDATA01 FCDATA01 FCDATA01 FCDATA01 FCDATA01 FCDATA01 FCDATA01 FCDATA01 FCDATA01 FCDATA01 FCDATA01 FCDATA02 FCDATA05 FCDATA	
Filename Filesize Filetype Last modified	Filename	Filesize Fi
2/26/2018 9:22:41         E           Sole fault.rdp         0         Remote Deskt         2/26/2018 9:22:41           desktop.ini         402         Configuration         8/19/2015 8:50:02           Fictures         File folder         8/30/2017 4:29:51           My Videos         File folder           My Victures         File folder	<mark>}</mark> ∰20170405.csv	7,224 M
Mv Music File folder 🔻	<	+
2 files and 12 directories. Total size: 402 bytes	Selected 1 file. Total size: 7,224 bytes	
Server/Local file Direction Remote file	Size Priority Status	*
👤 software@ftp.idec.com		-
Oueued files (16) Failed transfers Successful transfers		
	🔒 🗾 📟 Queue: 3.0 G	iB 🛛 🖷 📑