App Notes FC6A FTP Server Configuration

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

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-	Home C	onfiguration	Online	e View											
	Ç			H۲						31	50		-	2	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			_	д ×	📄 Ma	in Progra	m 🕼	lodule Confi	guration 🥐	A					t Port 1 Settings
					Rung		1						tion Area Se ort 1 Settings		og and select

2. Under IP Settings, configure your FC6A-D* CPU IP address. Note: In this example, we'll use IP address 192.168.106.116

Function Area Settings			
Run/Stop Control Memory Backup	Configure the ethernet port	1 settings.	
Input Configuration	IP Settings		
Communication Ports	Obtain an IP Address automat	tically (DHCP)	=
External Memory Devices	Use special data register to c	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	DNS Settings		
Ethernet Port 2	DN3 Settings		

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

FT	^o Client	Settings				
	Enable	FTP Client				
	No.	Source	Destination	Files to transfer	^	
	1				Configure	

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

TP Server Setting		
	15 min accounts to access FTP Serve : Configure ecure 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	5	x
	General Web Serve FTP Server Access from App Allow access to FTP server Permission: Read Only Read/Write	
<u>N</u> ew User <u>D</u> elete	OK Cance	e l

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						? ×
idecusa	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).

<u>S</u> elect Entry:	General Adv	anced	Transfer Settings	Charset
My Sites	Host:			Port:
\bigcirc	Protocol:	FTP - F	ile Transfer Protoc	ol 🔻
	Encryption:	Use ex	plicit FTP over TLS	if available 🛛 🔻
	Logon Type:	Anony	mous	•
	User:	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 Dupl <u>i</u> cate				-

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 New Bookmark Rename	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: • •
Delete Duplicate	
	<u>Connect</u> <u>O</u> K 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: Default Active Passive Imit number of simultaneous connections Maximum number of connections: Image: Connection in the set of t	

15. Click the **Connect** button.

New Site	New Folder		
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	white and a series a series of the series	
<u>File Edit View Transfer Server Bookmarks Help New version available!</u>		
1 - N - C - C - C - C - C - C - C - C - C		
Host: Username: Pass <u>w</u> ord:	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: Retrieving directory listing of "/FCDATA01" Status: Directory listing of "/FCDATA01" successful Status: Directory listing of "/FCDATA01/DATALOG" Status: Directory listing of "/FCDATA01/DATALOG" Status: Directory listing of "/FCDATA01/DATALOG" Status: Retrieving directory listing of "/FCDATA01/DATALOG" Status: Retrieving directory listing of "/FCDATA01/DATALOG"		E
Local site: C:\Users\dpham\Documents\	Remote site: /FCDATA01/DATALOG/RESULT	•
	FCDATA01 DATALOG RESULT 2 PROGRAM 3 RECIPE 2 TRACE	
Filename Filesize Filetype Last modified	Filename	Filesize Fi
2/26/2018 9:22:41 2/26/2018 9:22:41	₩ ∰ 20170405.csv	7,224 M
Wy Music File folder	· · · · · · · · · · · · · · · · · · ·	۴
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		-
Queued files (16) Failed transfers Successful transfers		
	🔒 🛃 🛤 Queue: 3.0 G	GiB 🔍 🖷 📑