# YaraGo IMAGE INTERGRATION STEPS

## **1. DATA BASE SIDE CHANGES:**

- I. Install Image Server in server system.
- II. Once image server installed and EMR scheme imported go to tblmstimagesinvestigations table.
- III. Replace image server IP address in pathOfImages.
- IV. Replace image server IP address in computerIPAddress
- V. Replace usernameOfComputer as image server system user name (Administrator).
- VI. Replace passwordOfComputer as image server system password.
- VII. Replace computerOS as image server operating system
  - Repalce all Computer IP & Path of Image & User Name & Password Use this Query ---

update tblmstimagesinvestigations set computerIPAddress = '192.168.29.136' where investigationId <>0;

update tblmstimagesinvestigations set computerOS = 'Windows' where investigationId <>0;

update tblmstimagesinvestigations set usernameOfComputer = 'Windows' where investigationId <>0;

update tblmstimagesinvestigations set passwordOfComputer = 'Windows' where investigationId <>0;

update tblmstimagesinvestigations set pathOfImages = replace(pathOfImages,'192.168.0.190','192.168.29.136') where investigationId <>0;

#### Viii. Cross Check imageType:

- imageType=1 is for ocular images in examination screen and lab module upload option (File Upload Path).
- imageType=2 is for demographic, patientphoto, eyedrawing, previouseattachment.
- imageType=3 is for workups
- imageType=4 is for Cataract and refractive.
- imageType=5 is for inpatientattachment (Admitted screen).

#### 2. Images server setup - htdocs

I. According to the investigationName create the folders in htdocs (Create a Folder, Folder name should as it is investigationName).

(D://IMAGESERVER>htdocs>(create folders).

- II. Give Permissions for all folders.
- III. Select File Properties>Sharing>Advance Sharing > Full Control> Read/ write>Apply.
  Select Properties>charing>charo>coloct evenueno>coloct Prod/write>char

Select Properties>sharing>share>select everyone>select Read/write>share.

## **3. FTP Configuration in Windows 10**

- I. How to install the FTP server components on Windows10
  - Open Control Panel.
  - Click on **Programs**.
  - Under "Programs and Features," click the Turn Windows features on or off link.
  - Expand the "Internet Information Services" feature, and expand the FTP server option.
  - Check the FTP Extensibility and FTP Service options.
  - Check the **Web Management Tools** option with the default selections, but making sure that the **IIS Management Console** option is checked.



- Click the **OK** button.
- Click the Close button.

#### ii. How to configure an FTP server site on Windows 10

- Open Control Panel.
- Click on System and Security.
- Click on Administrative Tools.
- Double-click the Internet Information Services (IIS) Manager shortcut.
- On the "Connections" pane, right-click **Sites**, and select the **Add FTP Site** option.
- In the FTP site name (yaragoftpuser), type a short descriptive name for the server.
- In the "Content Directory" section, under "Physical path," click the button on the right to locate the folder you want to use to store your FTP files.

(D: //IMAGESERVER/htdocs)

Add FTP Site				?	×
Site Information					
ETP site name: WCFTP Content Directory P <u>hy</u> sical path: C:\homeftp					
	<u>P</u> revious	Next	Einish	Cancel	

- Click the **Next** button.
- Use the default **Binding** settings selections.
- Check the Start FTP site automatically option.
- In the "SSL" section, check the No SSL option.
- Click the **Next** button.
- In the "Authentication" section, check the **Basic** option.
- In the "Authorization" section, use the drop-down menu, and select All users' option.
- Check the **Read** and **Write** options.
- Click the **Finish** button.

#### iii. Configuring firewall rules:

- Open Windows Defender Security Center.
- Click on Firewall & network protection.
- Click the Allow an app through firewall option.

Allowed apps						
← → → ↑ 🔗 > C	ontrol Panel > System and Security > Windows Defender Firewall > Allowed apps		5~	Search	Control Panel	Q
jile <u>E</u> dit <u>V</u> iew <u>T</u> ools						
		i.				
	Allow apps to communicate through windows Delender Firewai	1				
	To add, change, or remove allowed apps and ports, click change settings.	-				
	What are the risks of allowing an app to communicate?	Ch	a <u>n</u> ge sett	ings		
	Allowed apps and features:					
	Name	Private	Public	^		
	File and Printer Sharing					
	Firefox (C:\Program Files\Mozilla Firefox)					
	FTP Server					
	🗹 Google Chrome					
	Groove Music					
	HomeGroup					
	I HP Smart					
	Millunes □ Kai Managaran Carilia					
	Mail and Calendar					
	March of Empires: War of Lords			~		
	Det	ails	Remov			
		uijs	nemon	-		
		Allow an	other ap	2		
	34					

- Click the **Change settings** button.
- Check the FTP Server option, as well as the options to allow Private and Public access.

#### 4.FTP Configuration in Windows Server 2012R2

- Log in to the server by using an administrative account
- Open Server Manager
- Go to Manage > Add Roles and Features
- Click Next
- Select Role-based or feature-based installation
- Click Next
- Select a server from the server pool, and select your server
- Click Next.
- Scroll down and put a check mark in Web Server (IIS)
- An Add features window pops up. Put a check mark in the Include management tools (if applicable) option
- Click Add Features button
- Click Next
- Click Next

- Click Next
- Scroll down and put a check mark in: FTP server, FTP Service and FTP Extensibility.
- Click Next
- Click Install
- When installation is finished, click Close.

NOTE: FTP Configuration & Allow Fire wall follow the above same steps

# 5. Enable SMB File sharing support:

- Click Windows Button
- Search Turn windows features on (or) off
- Enable SMB1.0/CIFS File sharing support
- Click ok
- Restart the system

Windows Features

	Turn W	/indows features on or off	?
	To turn a that only	feature on, select its check box. To turn a feature off, clear its check box. A filled box means part of the feature is turned on.	
		Microsoft Print to PDF	^
	± 🗌 📊	MultiPoint Connector	
	± 🗖	Print and Document Services	
		RAS Connection Manager Administration Kit (CMAK)	
	$\checkmark$	Remote Differential Compression API Support	5
		RIP Listener	
	± 🗌	Services for NFS	
	± 🗌 🔤	Simple Network Management Protocol (SNMP)	
		Simple TCPIP services (i.e. echo, daytime etc)	
		SMB 1.0/CIFS File Sharing Support	
		SMB Direct	
1		Telnet Client	~
		OK Cancel	

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## 6. EMR War files side changes:

- Change Server System IP, User name and Password in filepath.properties.
- In war file path: yaragoemrjavaclient>Webpps > webin > classes>filepath.properties.

**Link For step up FTP:** https://www.windowscentral.com/how-set-ftp-server-windows-10