

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:

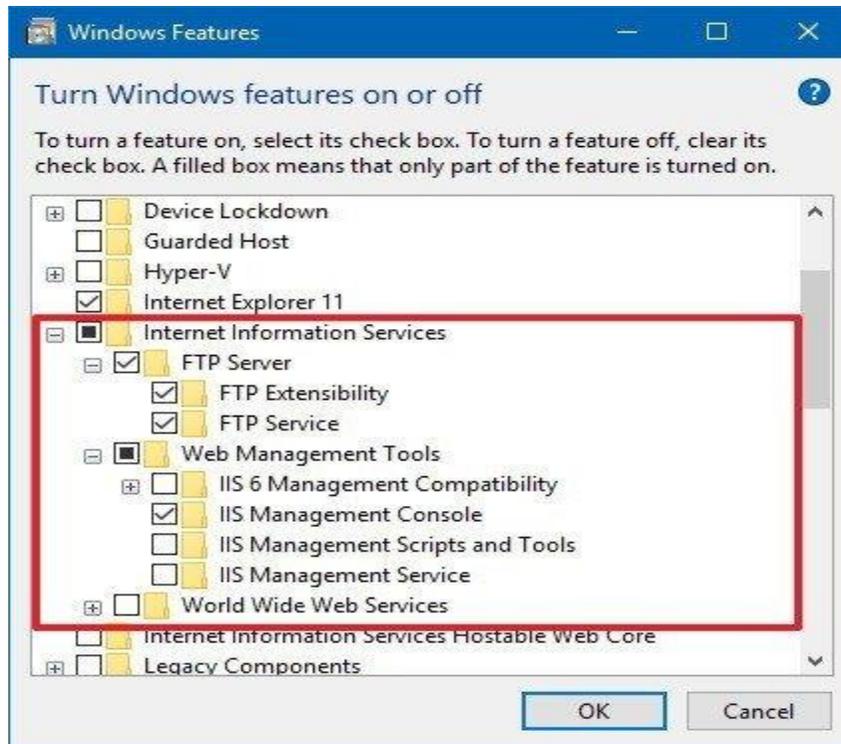
- imageType=1 is for ocular images in examination screen and lab module upload option (File Upload Path).
- imageType=2 is for demographic, patientphoto, eyedrawing, previousattachment.
- imageType=3 is for workups
- imageType=4 is for Cataract and refractive.
- imageType=5 is for inpatientattachment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

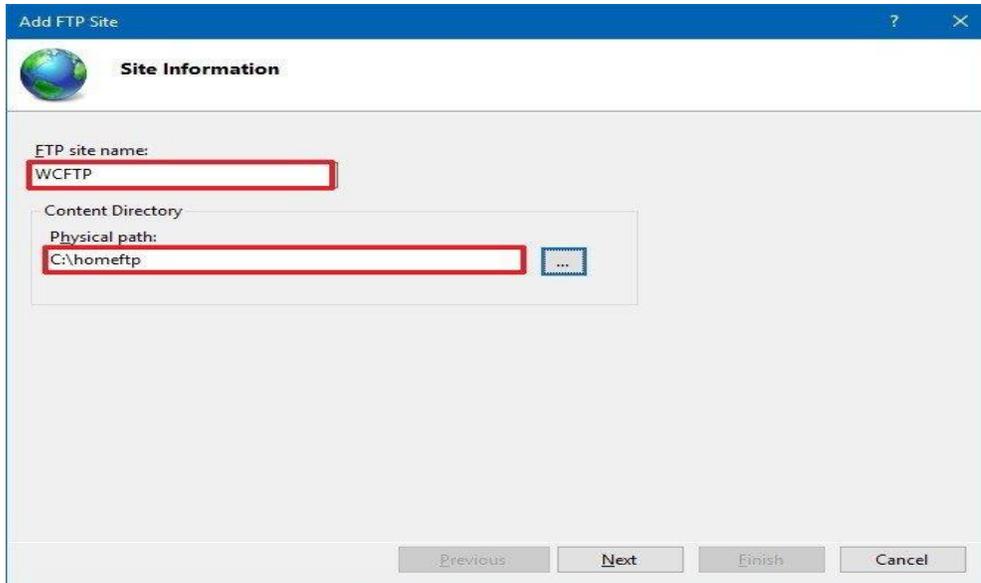


- Click the **OK** button.
- Click the **Close** button.

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.

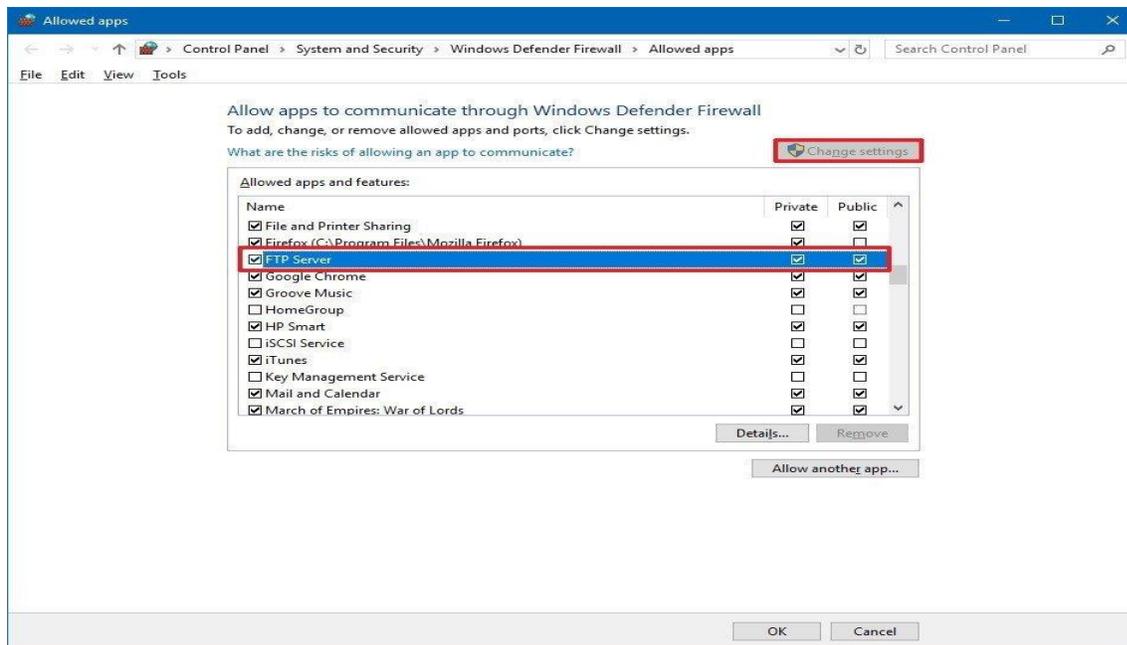
(D: //IMAGESERVER/htdocs)



- 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.



- 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

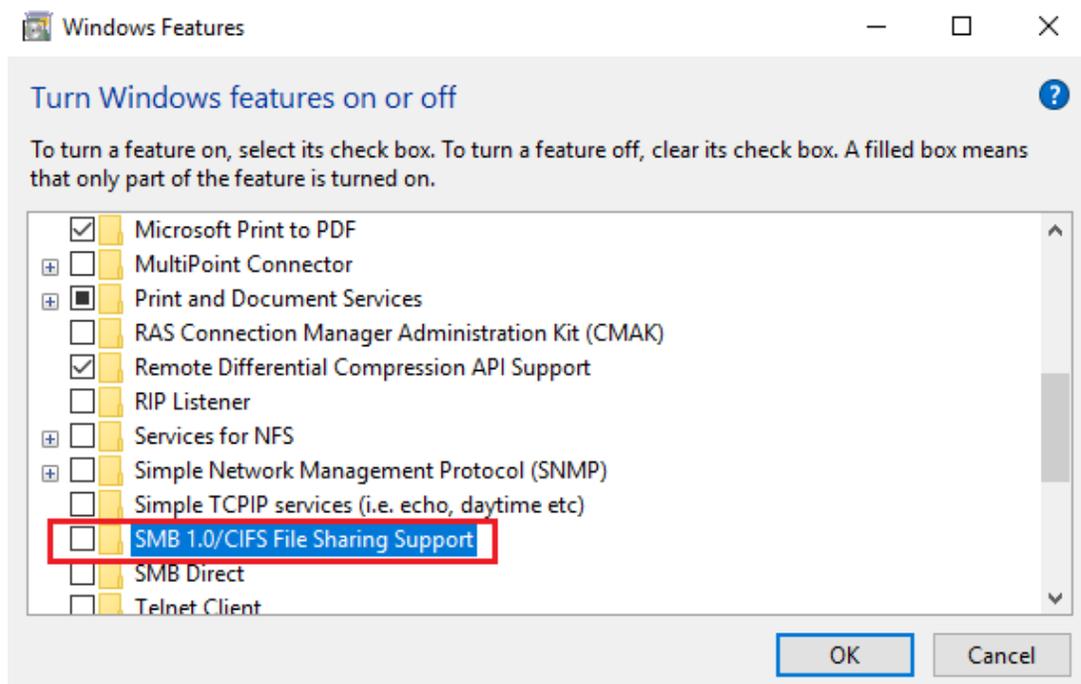
- Log in to the server by using an administrative account
- Open **Server Manager**
- Go to **Manage > Add Roles and Features**
- Click Next
- Select **Role-based or feature-based installation**
- Click Next
- Select a server from the **server pool**, and select your server
- Click Next.
- Scroll down 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



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.windowcentral.com/how-set-ftp-server-windows-10>