## **NEW SERVER CONFIGURATION**

Before to start:

- a. Control Panel (View by: Large Icons)
- b. Set File Explorer Options (View).
- c. Uncheck [Hide Extensions for Known file types).
- d. Install Google Chrome.
- e. Install Rar app from <a href="https://www.rarlab.com/download.htm">https://www.rarlab.com/download.htm</a> ( 64 bits )
- f. Install Microsoft .NET Framework 4.6.1 (Web Installer) from the Internet.
- g. Install LuC for Server to the default folder. ( Try "C:\LuC\_Server\_Setup\X X.exe )
- h. Install Visual C++ Redistributable for Visual Studio 2015 ( 64 bits )

https://www.microsoft.com/en-us/download/details.aspx?id=48145

- i. Copy the folder php to the root of c:\php ( Try running php-cgi.exe )
- j. Modify php.ini to accept large files (upload) .

upload\_max\_filesize = 300M
post\_max\_size = 300M
max\_execution\_time = 1000
max\_input\_time = 1000

- 1. Install IIS (Internet Information Services Manager).
  - Server Manager (Add roles and features ). Role Based or feature-based Installation.
  - Select Web Server (IIS). Add Features.
  - Security (Basic Authentication, Windows Authentication)
  - Application Developement ( All .Net Extensinility, Application Initialization,

All ASP .NET, CGI, All ISAPI, Server Side Includes).

- Management Tools IIS Management Compatibility.
- IIS Management Scripts and Tools.
- Management Service
- Verify the installation by loading the page //Localhost ( Blue Squares ).
- Install Microsoft Web Platform from the internet.

(https://www.microsoft.com/web/downloads/platform.aspx)

- Install Url Rewrite from the internet. (https://www.iis.net/downloads/microsoft/url-rewrite)

## 2. Configure IIS.

- Open IIS and configure at Machine Level (WIN-XXXX)
  - Request Filtering Edit Feature Settings. Set Values 3000000,16800,16800
  - ISAPI and CGI restrictions Edit Feature Settings Check both checkboxes.
  - Handler Mappings CGI-exe
  - set Executable: "C:\LuC\_Server\_Setup\X X.exe" ( Yes ).
  - Edit Feature Permissions Execute.
  - Handler Mappings Add Module Mapping.
  - Set Values: [Request Path=\*.php], [Module=FastCgiModule],
  - [Executable=C:\PHP\php-cgi.exe] and [Name=PHP Module].
  - Authentication Anonymous Authentication Application Pool Identity
  - Mime-Type

<configuration>

- Filename Extension: .vid Mime Type: text/plain
- Filename Extension: .webp Mime Type: image/webp
- In IIS, you need to modify the web.config file to increase the request size limit.

## <system.webServer> <security> <requestFiltering> <requestLimits maxAllowedContentLength="204857600" /> </requestFiltering> </security> </system.webServer> </configuration>

- test php. Create **phpinfo.php** with : <?php phpinfo(); ?>

Browse <a href="http://localhost/phpinfo.php">http://localhost/phpinfo.php</a>

- Delete the "Default Web Site" and the folder C:\inetpub\wwwroot

- 3. Install Sql Server. In this instructions (Sql Server 2014).
- Select Installation New Sql Server stand-alone installation. (Sql Server Feature Installation Database Engine Services.)
  - Mixed Mode (Sql Server Authentication ) Set Password and Add Current User
  - Configure Ports. Sql Server Configuration Manager. Sql Server Network Configuration.
  - Protocols for MSSQLSERVER TCP/IP All Ports set to 28601
  - Restart Service
  - Configure Inbound, Outbound ports 28601 in Windows Firewall
  - Install Sql Server Management Studio (SSMS)

<u>https://docs.microsoft.com/en-us/sql/ssms/download-sql-server-management-studio-ssms?</u> <u>view=sql-server-2017</u>

- Open the SSMS and test a connection to 127.0.0.1,28601