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Cairn University School of Business

CIS122 Essentials of Networking

Project # 6

Project objective:

The objective of this project is to set up an IIS (Internet Information Service) and to use Apache to set up a server.

Equipment used:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Equipment Description | Vendor | Vendor Item # | Retail price | Actual price (if known) |
| Xampp Apache Software | Apache Friends | 7.3.3 (PHP 7.3.3) | FREE |  |
|  |  |  |  |  |
|  |  |  |  |  |

Detailed list of software and operating platforms used, including version numbers and licensing requirements:

* Xampp for Windows 7.3.3 (PHP 7.3.3)

Network diagram:

For diagrams on this project and how to clearly set up a web server use the link below:

* Apache Server:

<https://www.wikihow.com/Install-and-Configure-Apache-Webserver-to-Host-a-Website-from-Your-Computer>

* IIS Server

<https://thesolving.com/server-room/how-to-install-and-configure-iis-on-windows-server-2012-r2/>

Configurations:

Apache:

1. Download Xampp from Apache. (<https://www.apachefriends.org/index.html>)
2. Run the Apache wizard and follow the steps prompted on the screen.
3. After setting up the Wizard you need to configure the server. The following link is a great reference as an example to configuring a server.

(<https://stackoverflow.com/questions/11294812/how-to-change-xampp-apache-server-port>)

1. In this project we are going to configure the server to listen to the port 8012.
2. Open up Xampp and click start to run Apache.
3. Click config and open Apache httdp.config
4. Scroll down until you here listen and then change the ports and the IP address.

Reference the links mentioned above to set up the Xampp server.

IIS Server:

1. Use this link to reference the setup for an IIS server.

(<https://thesolving.com/server-room/how-to-install-and-configure-iis-on-windows-server-2012-r2/>)

1. Install the web server manager located in the server manager.
2. Follow the prompts.
3. Then add the IIS and add a website.
4. Run the server.