**Documentation to configuring a Website in a LAN Network Using XAMPP and access XAMPP Server from Another Computer on the Same Network**

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**1. Introduction**

This documentation provides a comprehensive guide on how to configure a website on a LAN network using XAMPP, enabling access from other devices within the same network.

**2. Prerequisites**

* A computer with XAMPP installed.
* Website files ready to be hosted.
* Basic knowledge of network settings.
* Administrator access to the host computer.

**3. Step-by-Step Guide**

**A. Installing and Starting XAMPP**

1. **Download XAMPP** from the official website and install it on your host computer.
2. **Open the XAMPP Control Panel** and start the Apache service.

**B. Setting Up Your Website**

1. Place your website files (e.g., **index.html**, **index.php**) in the **htdocs** directory, typically located at **C:\xampp\htdocs**.

**C. Configuring Apache to Listen on All Network Interfaces**

1. **Edit the httpd.conf file**:
   * Navigate to **C:\xampp\apache\conf\httpd.conf**.
   * Change **Listen 80** to **Listen 0.0.0.0:80**.
   * Ensure **ServerName 0.0.0.0:80** is set correctly.

**D. Allowing Apache Through Windows Firewall**

1. **Open Windows Defender Firewall settings**:
   * Control Panel > System and Security > Windows Defender Firewall > Allow an app or feature through Windows Defender Firewall.
   * Click "Change settings".
   * Find and enable "Apache HTTP Server" for both "Private" and "Public" networks.
   * If not listed, add **httpd.exe** from **C:\xampp\apache\bin\**.

**E. Accessing the Website from Another Device on the LAN**

1. On another device connected to the same network, open a web browser.
2. Enter the host computer's IP address in the address bar, followed by the path to your site content:

plaintext

Copy code

http://<host\_computer\_ip>/index.html

**4. Verification**

* Open a web browser on another device within the same network.
* Navigate to the host computer's IP address (e.g., **http://192.168.0.121/index.html**) to verify the website is accessible.

**5. Troubleshooting**

* **Firewall Settings**: Ensure the firewall on the host computer allows incoming connections on the configured port.
* **Network Connectivity**: Verify both devices are on the same network and can ping each other.
* **Port Conflicts**: If using a port other than 80, specify the port in the URL (e.g., [**http://192.168.0.121:8080/index.html**](http://192.168.0.121:8080/index.html)).

**6. Conclusion**

By following the steps outlined in this guide, you can successfully configure a website on a local computer using XAMPP and make it accessible to other devices within the same local network.

**7. References**

* XAMPP Official Website
* [Apache HTTP Server Documentation](https://httpd.apache.org/docs/)
* [Windows Firewall Documentation](https://support.microsoft.com/en-us/windows/windows-defender-firewall-helps-protect-your-pc-97bb81aa-29b3-8ac3-86fc-3e5632f19b63)