Set Up for BIMBY

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# Server Set Up

* Windows 10 Pro 64 bit
* Device Name: ‘sdvserver’
* Processor: Intel(R) Core(TM) i5-7600 CPU @ 3.50GHz 3.50 GHz
* Ram: 12GB

## Host Name

* Using [Duckdns](https://www.duckdns.org/) to translate changing IP address to fixed hostname as <http://bimby.duckdns.org>
* Registered under Stephen’s gmail account. [9sdeedesvincke@gmail.com](mailto:9sdeedesvincke@gmail.com))
* Must have a script running to trigger IP changes
  + <https://www.duckdns.org/install.jsp?tab=windows-gui&domain=bimby>
  + Needs java run time
* Ensure port 3389 for Remote Desktop and 3306 for MYSQL is open on the home router

## Remote Desktop

Remote Desktop is running as this is a Windows 10 “PRO” license

* To add users, go to Remote Desktop Settings
* Select User Accounts at the bottom of the screen

A screenshot of a remote desktop

Description automatically generated

Added Melinda.

A screenshot of a computer

Description automatically generated

# WAMP Server

WAMP Server is installed on the sdvserver.

WampServer is a Windows web development environment. It allows you to create web applications with Apache2, PHP and a MySQL database. Alongside, PhpMyAdmin allows you to manage easily you

Open browser and type “localhost” to get started. Or double click “WAMPSERVER Homepage” icon on the desktop. There is a link to phpMyAdmin from the home pager or type localhost/phpmyadin/ to get started.

## MYSQL and phpMyAdmin

* Test port 3306 using web Port checker [Port Checker - Check Open Ports Online](https://portchecker.co/)
  + If port 3306 is closed on Windows 10 Pro, it may be because a firewall is blocking it. To unblock port 3306, you can add a port exception to Windows Firewall Defender:
  + Open the Control Panel and click Security
  + Click Windows Firewall
  + Click Advanced Settings and then Inbound Rules
  + Click New Rule
  + Click Port and then Next
  + Select TCP
  + Click Next and then Allow the connection
  + Check Domain and Private
  + Enter MySQL as the name and description
  + Port 3306 is the default port for the classic MySQL protocol. It's used by the mysql client, MySQL Connectors, and utilities like mysqldump and mysqlpump.
* Will currently use MYSQL as default DB instead of MariaSDB.
* Users:
  + High level user is **root** and no password
  + User to access Database is
    - bimby/dsfb1mby!