

## Multi-user guideWELD VR installation Guide

### Purpose

This guide will walk you through a multi-user installation for the guideWELD-VR software, dedicated server or a peer-to-peer setup.

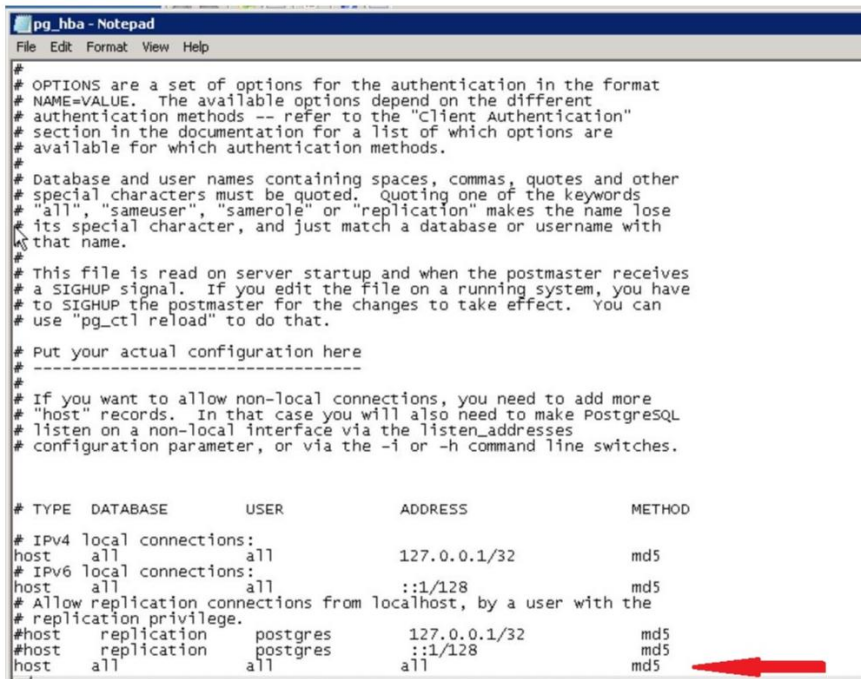
### Prerequisites

- Database Host: Dedicated server or Computer functioning as the server in Peer-to-Peer network.
- Client computer(s)
- System Administrator

### Steps to Perform for Server Setup

1. Download PostgreSQL Version 9.4.4 or newer: <http://www.postgresql.org/download>
2. Install PostgreSQL using Installation Directory recommended by PostgreSQL. PostgreSQL username and superuser password are created by the administrator installing PostgreSQL
  - a. Uncheck "Stack Builder." It is not recommended to install Stack Builder.
  - b. Take note of the Username and Password you set during this installation
3. Open and configure inbound rules for the default port 5432.
4. Modify the pg\_hba.conf file on the server. To modify the pg\_hba.conf file, navigate to:
  - a. Windows: PostgreSQL under Program Files or Program Files (x86) PostgreSQL\9.4\data
  - b. Mac: /library/postgresql/9.4/data
5. Open the pg\_hba.conf file with Notepad or an associated program to perform the required edits.
  - a. Navigate to the bottom of the file and add the TYPE, DATABASE, USER, ADDRESS and METHOD. The data must align with the column headers. You can enter your specific network information or use the exact command listed in the example below.

See the following examples, highlighted with an arrow.



```
#
# OPTIONS are a set of options for the authentication in the format
# NAME=VALUE. The available options depend on the different
# authentication methods -- refer to the "Client Authentication"
# section in the documentation for a list of which options are
# available for which authentication methods.
#
# Database and user names containing spaces, commas, quotes and other
# special characters must be quoted. Quoting one of the keywords
# "all", "sameuser", "samerole" or "replication" makes the name lose
# its special character, and just match a database or username with
# that name.
#
# This file is read on server startup and when the postmaster receives
# a SIGHUP signal. If you edit the file on a running system, you have
# to SIGHUP the postmaster for the changes to take effect. You can
# use "pg_ctl reload" to do that.
#
# Put your actual configuration here
#
#-----
# If you want to allow non-local connections, you need to add more
# "host" records. In that case you will also need to make PostgreSQL
# listen on a non-local interface via the listen_addresses
# configuration parameter, or via the -i or -h command line switches.
#
# TYPE DATABASE USER ADDRESS METHOD
# IPv4 local connections:
host all all 127.0.0.1/32 md5
# IPv6 local connections:
host all all ::1/128 md5
# Allow replication connections from localhost, by a user with the
# replication privilege.
#host replication postgres 127.0.0.1/32 md5
#host replication postgres ::1/128 md5
host all all all md5
```

6. Save the file

### Steps to Perform for Client Setup

1. Download and install the VR software on each client computer. Download the latest software from <http://www.realityworks.com/guideweldvr-downloads>. Three different programs will be installed.
  - a. The guideWELD® VR software
  - b. The guideWELD® VR Database Utility
  - c. PostgreSQL
2. Locate and launch the guideWELD VR DBUtility.
3. Select a language choice, then click the Play button.
4. Enter “dbadmin” in the Username field, and “admin” in the Password field. These are the default credentials for the DBUtility Administrator.
5. You will be prompted to change the DBUtility Administrator password. Change the DBUtility Administrator password to “123abc” or something of your choosing. Follow the prompts to complete this step.
  - a. DB Utility Admin username and password are stored locally. Administrators should keep this information stored.
6. You must change the IP address to connect to the server that the PostgreSQL database was installed on.
7. The Port Number field defaults to 5432. If you changed the port number while installing PostgreSQL on the server, change it here as well.
8. The UNLOCK DATABASE LOGIN button allows the database username and password to be changed. Enter the PostgreSQL credentials in the USERNAME and PASSWORD fields that were established when you installed PostgreSQL on the server.

**For additional assistance and video tutorials visit our website:**

**[www.realityworks.com/support/](http://www.realityworks.com/support/)**