

iMediXcare Installation Guide

1. Set up MySQL

a. Install MySQL server

Command: ***sudo apt install mysql-server*** //To install the MySQL server

b. Login to MySQL through the command line.

Command: ***sudo mysql*** //Login to MySQL command line

c. Create a user for getting access iMediXcare Database.

Enter the following commands to create the user (imedixcare) with password imedix12. You can give any username and password you want but make sure to change the same in the subsequent command also.

Command: ***create user 'imedixcare'@'localhost' identified with mysql_native_password by "password".***

d. Create the Database

Command: ***create database imedixcaredb;***

e. Set user privileges:

Command: ***grant all privileges on imedixcaredb.* to 'imedixcare'@'localhost' with grant option;***

Command: ***flush privileges;***






Linux ARM 64 Compressed Archive	169.26 MB	 jdk-11.0.9_linux-aarch64_bin.tar.gz
Linux x64Debian Package	149.3 MB	 jdk-11.0.9_linux-x64_bin.deb
Linux x64 RPM Package	156.01 MB	 jdk-11.0.9_linux-x64_bin.rpm
Linux x64 Compressed Archive	173.2 MB	 jdk-11.0.9_linux-x64_bin.tar.gz
macOS Installer	166.82 MB	 jdk-11.0.9_osx-x64_bin.dmg

Figure 1

2. Download and set up the iMediXcare

a. Clone the iMediXcare from Github.

3. Import Database Schema

The “**sql**” folder contains the database schema and data. The sql files need to be imported in mysql.

Commands:

```
source “source_directory”/imedixdb--no-data.sql
```

```
source “source_directory”/imedixdb-data.sql
```

```
source “source_directory”/imedixprocedure.sql
```

```
source “source_directory”/imedixdb-login.sql
```

4. Set up JDK11 and Tomcat 9 server

The current version of iMediXcare runs on jdk11 and Tomcat 9 server. To make the installation process easy, first, [download](#) the JDK11 from Oracle as shown in Figure 1 and extract the file in the iMediXcare directory. Similarly, The tomcat 9 can be [downloaded](#) from the Apache Tomcat official website. Extract the binary distribution gz file in the “iMediXcare” directory. Then set the JAVA_HOME and JRE_HOME in catalina.sh file (Ex.

```
JAVA_HOME=/home/surajit/iMediXcare/jdk11
```

```
JRE_HOME=/home/surajit/iMediXcare/jdk11)
```

5. Configure the installation

- a. To configure the installation process. First open the terminal of the linux system. Then enter the following command inside the directory.
./configure.sh

6. Build iMediXcare

- a. To build the installation process enter the following command inside the directory.
Run **./build.sh**

7. Run iMediXcare

- a. To run the installation process enter the following command inside the directory.
Run **./run.sh**

8. Login as System Administrator

- a. Initially, the system has only one user, called System Administrator. The default username for administrator is “**admin**” and password is “**admin**”. The administrator can register a center by uploading the center license file (The repository contains “**VBCR.lic**” file). Please read the iMediXcare user manual for complete guidance.