

ULINK Test Reporter Installation & Update Guide



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INDEX

Content		Page
Test Reporter Installation and Update		2
1.	Downloading the Setup folder	2
2.	Dongle Installation	2
3.	Software Installation	3
3.1	MySQL	3
3.2	nginx Installation	10
3.3	Test Reporter Installation	11
4.	Test Reporter Update	16
4.1	Uninstalling the current version of TR	16
4.2	Please refer to section 3.2 and 3.3	18

Test Reporter Installation and Update

This section will guide the user for the Installation of the Licensing Dongle and Test Reporter Application. This will include installation and update steps also.

1. Downloading the Setup folder

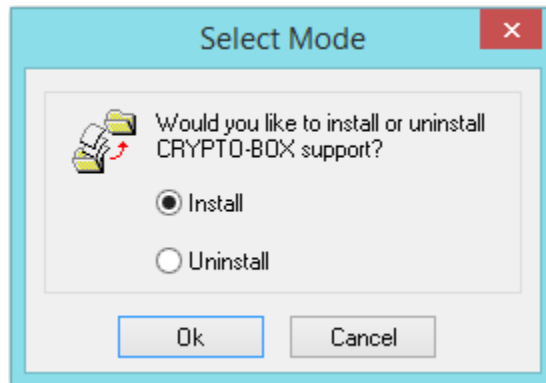
Download the setup folder from the link below. Extract the folder in C drive. The resultant folder structure should be as C:\nginx. From here the nginx folder will be referred as **Set up folder**

<http://document.ulinkreporter.com/nginx.zip>

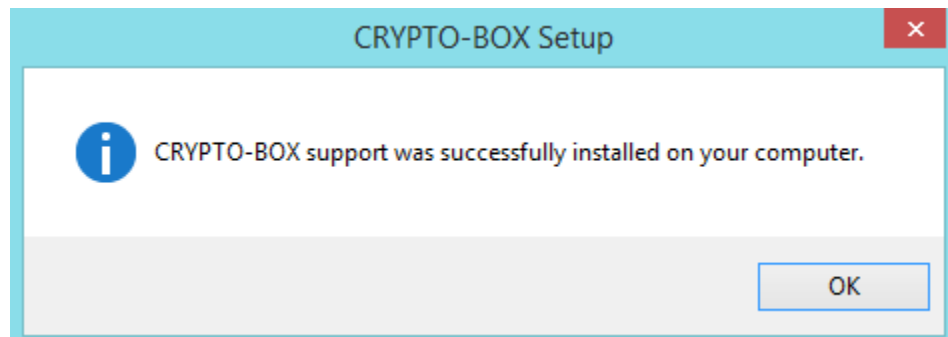
2. Dongle Installation

The next step is the dongle setup. End-User needs the licensing Dongle to use and install the test reporter application. To install Licensing Dongle, users need to double click on the setup file named as “USBKeyDriver.exe” present in the set up folder

Double-clicking the exe will open the ‘Select Mode’ window as shown in the snapshot below. Then select the ‘Install’ option and click Ok. This will install the necessary drivers onto the Windows system.



Once the driver setup is done successfully the following window will appear as shown below. Click Ok and exit the setup window.



3. Software Installation

Software installation consists of installation of all prerequisite software on the server to deploy applications. This is a one time activity.

3.1 MySQL

If you have already installed MySQL Server on your system, then no need to follow the installation steps , you can directly go to the [Step 2](#) for database creation.

- **MySQL Installation**

For downloading latest MySQL installer click on the link below

[Download MySQL Installer](#)

Download the MySQL installer shown in snapshot

- ④ **MySQL Community Downloads**

- ◀ MySQL Installer

The screenshot shows the MySQL Community Downloads page for MySQL Installer 5.7.38. It features a navigation bar with 'General Availability (GA) Releases', 'Archives', and an information icon. Below the navigation bar, the title 'MySQL Installer 5.7.38' is displayed. A dropdown menu for 'Select Operating System' is set to 'Microsoft Windows'. A button labeled 'Looking for the latest GA version?' is present. The main content area contains a table with two rows of download options. The second row is highlighted with a red border. Below the table, a note with an information icon suggests using MD5 checksums and GnuPG signatures to verify the integrity of the packages.

Operating System	Version	Size	Action
Windows (x86, 32-bit), MSI Installer (mysql-installer-web-community-5.7.38.0.msi)	5.7.38	2.3M	Download
Windows (x86, 32-bit), MSI Installer (mysql-installer-community-5.7.38.0.msi)	5.7.38	523.6M	Download

We suggest that you use the MD5 checksums and GnuPG signatures to verify the integrity of the packages you download.

Please Download the Windows(x86, 32-bit),MSI Installer (usually greater than 500 mb)

Click on the download option

Click on the No Thanks, Just Start My Download

MySQL Community Downloads

Login Now or Sign Up for a free account.

An Oracle Web Account provides you with the following advantages:

- Fast access to MySQL software downloads
- Download technical White Papers and Presentations
- Post messages in the MySQL Discussion Forums
- Report and track bugs in the MySQL bug system

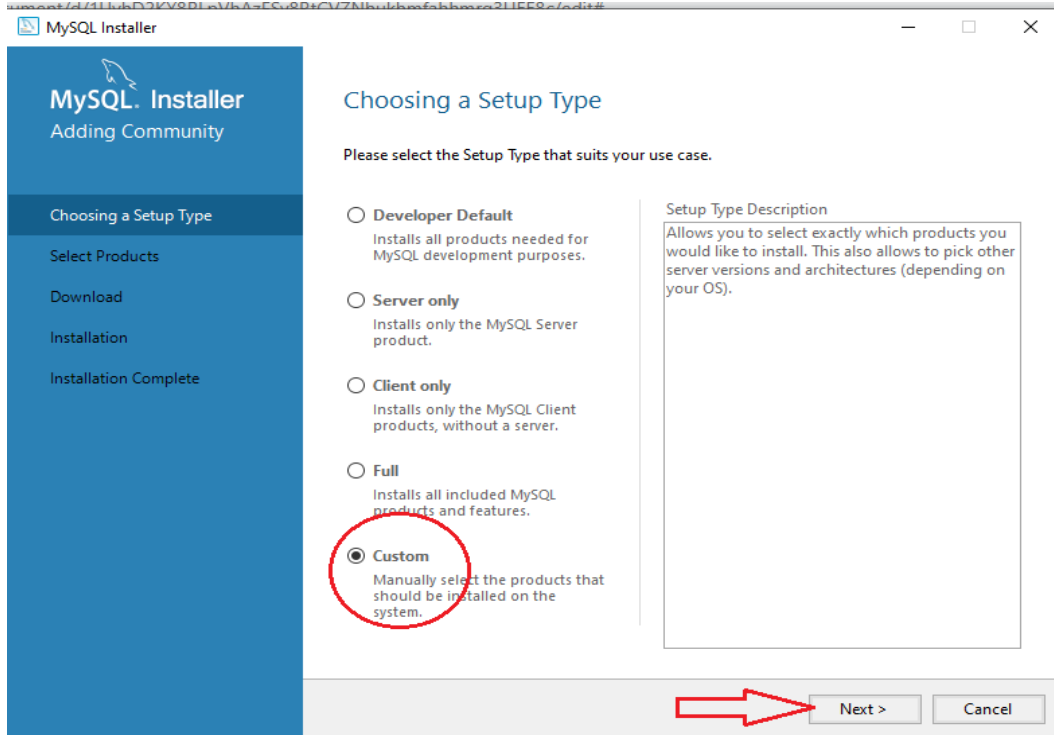
Login »
using my Oracle Web account

Sign Up »
for an Oracle Web account

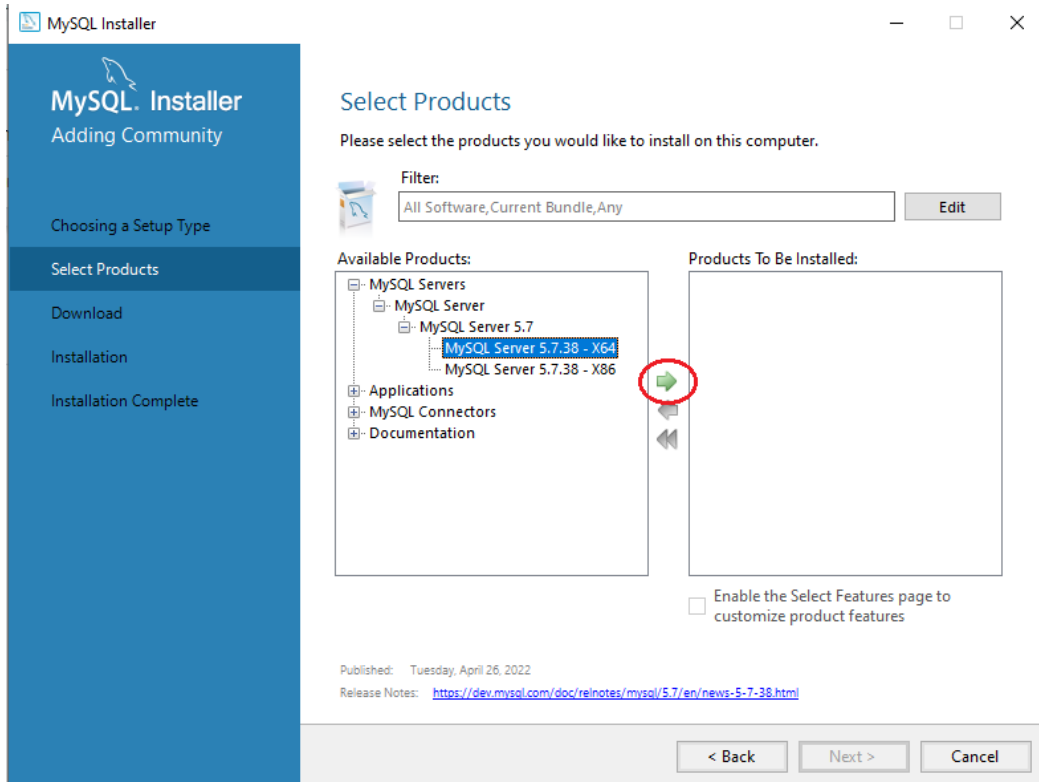
MySQL.com is using Oracle SSO for authentication. If you already have an Oracle Web account, click the Login link. Otherwise, you can sign up for a free account by clicking the Sign Up link and following the instructions.

No thanks, just start my download.

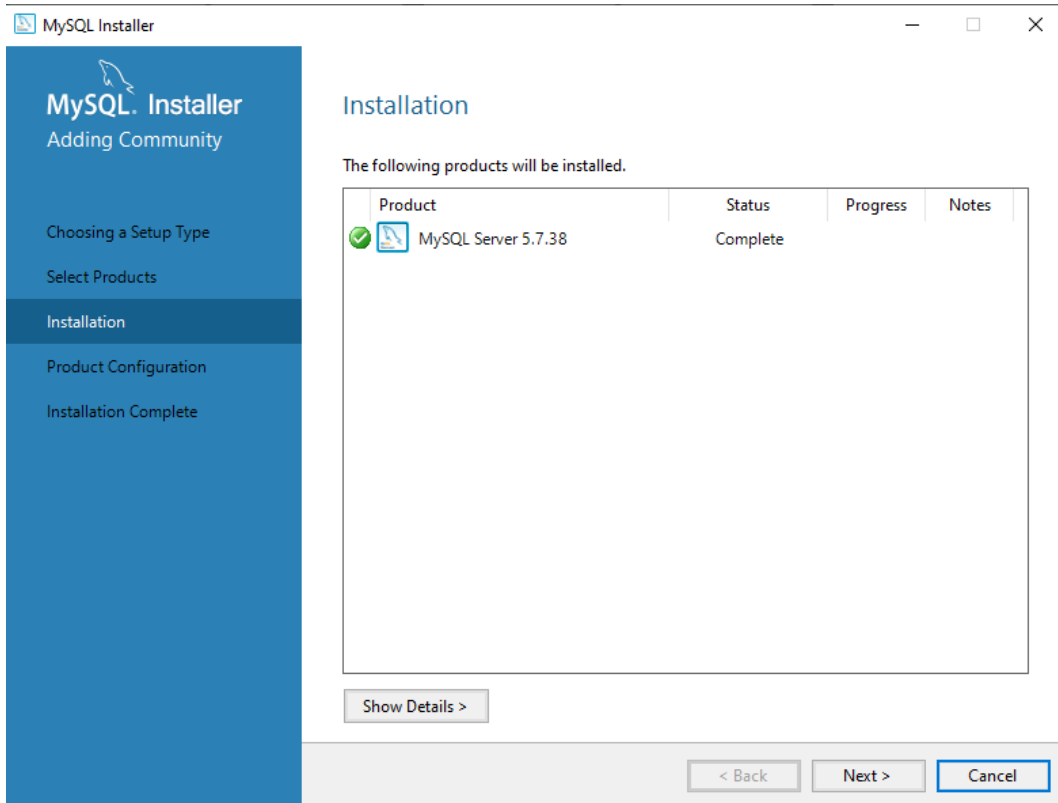
- a. After download the installer file double click on the file
It will ask for permission; when it does, click **“Yes”**.
- b. The installer will then open. Now, it will ask to choose the setup type. Here, select **“Custom”**.



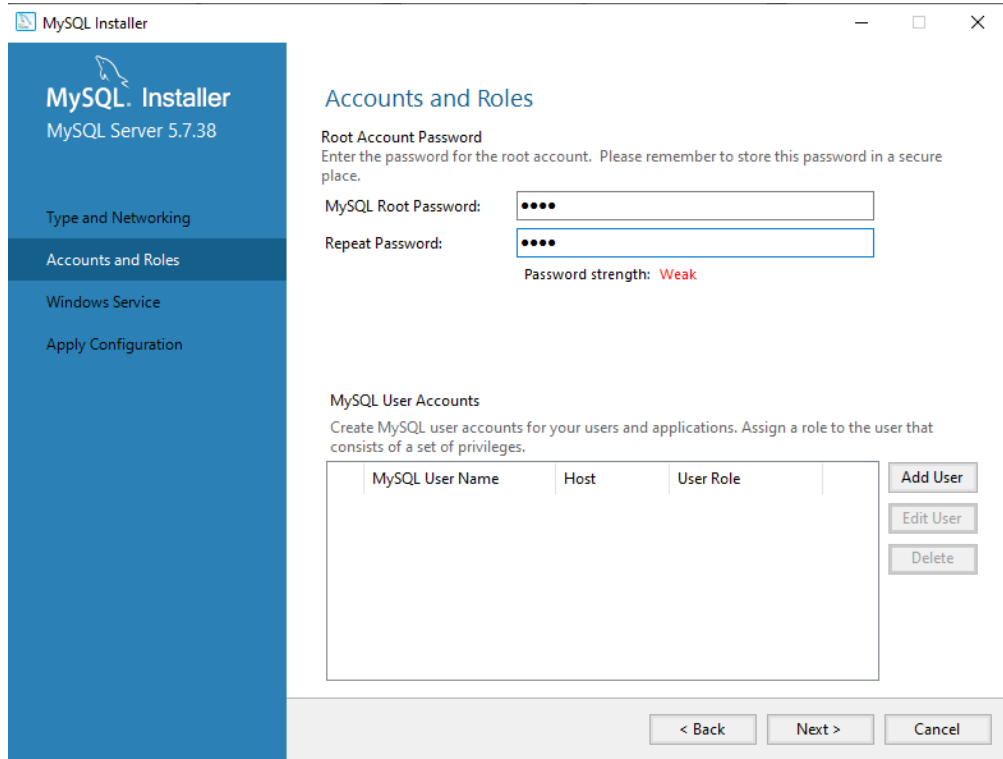
- c. Click on Next. With this, you will install MySQL server
- d. Open MySQL Servers, select the server to install, and move it to the Products/Features to be installed window section.
Expand the MySQL Servers and select MySQL Server 5.7.xx -x64 (here xx stands for minor version of MySQL installed)
And click on the green arrow it will add the product to the installed window section.



- e. Click on the **“Next”** button. Now, click on the Execute button to download and install the MySQL server



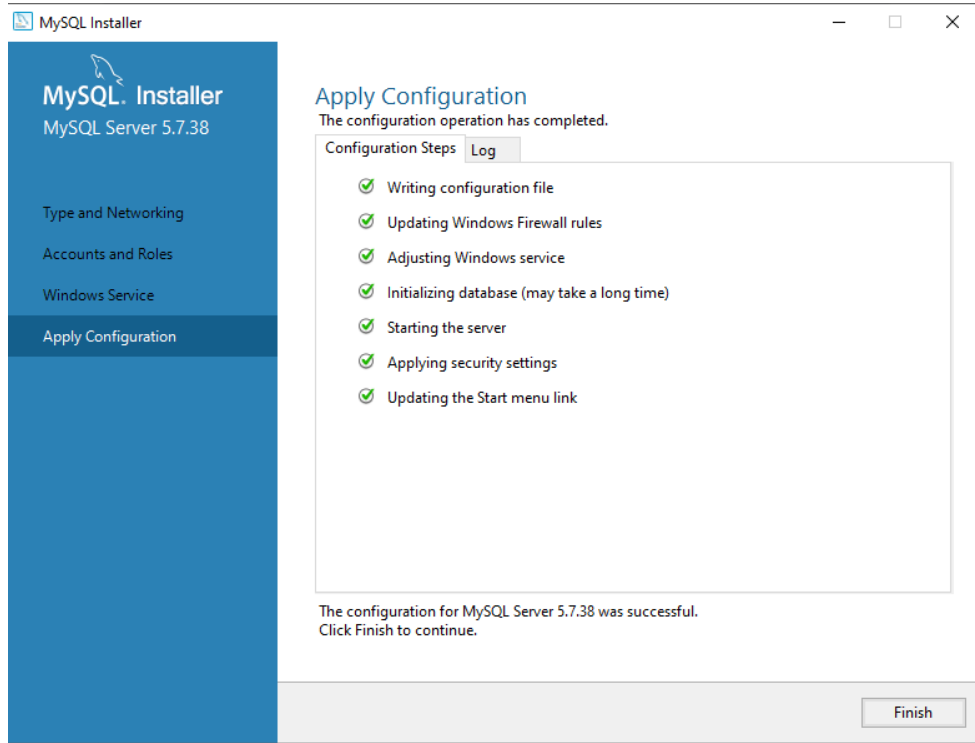
- f. Once the product is ready to configure, click on **“Next”**. Under Type and Networking, go with the default settings and select **“Next”**.
- g. Set your MySQL Root password
Set password as **root**
and click on **“Next”**.



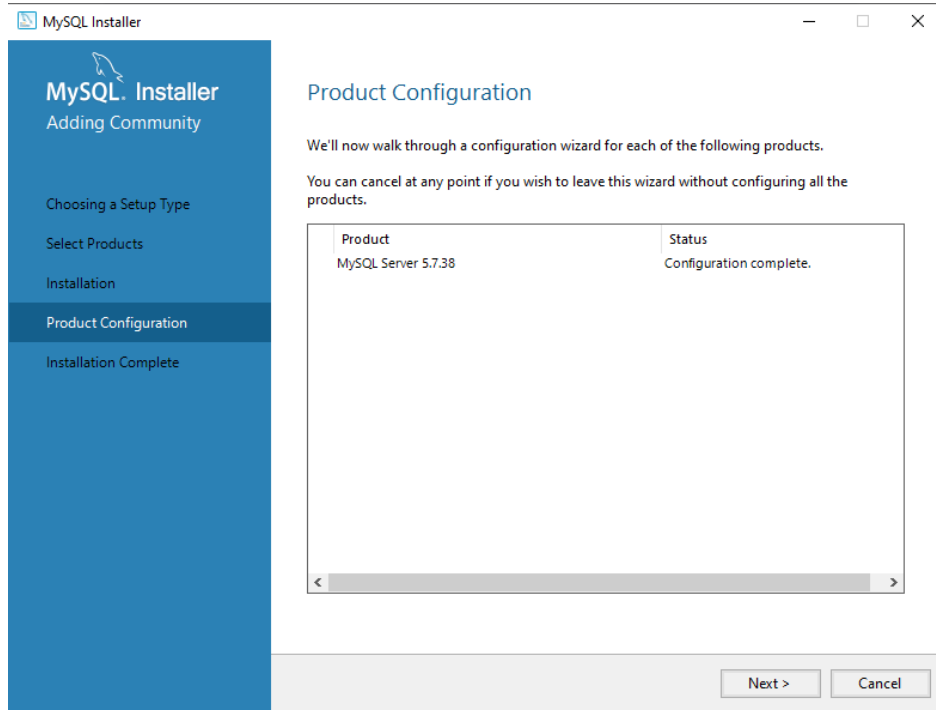
- h. Go for the default windows service settings.

ULINK Test Reporter Installation & Update Guide

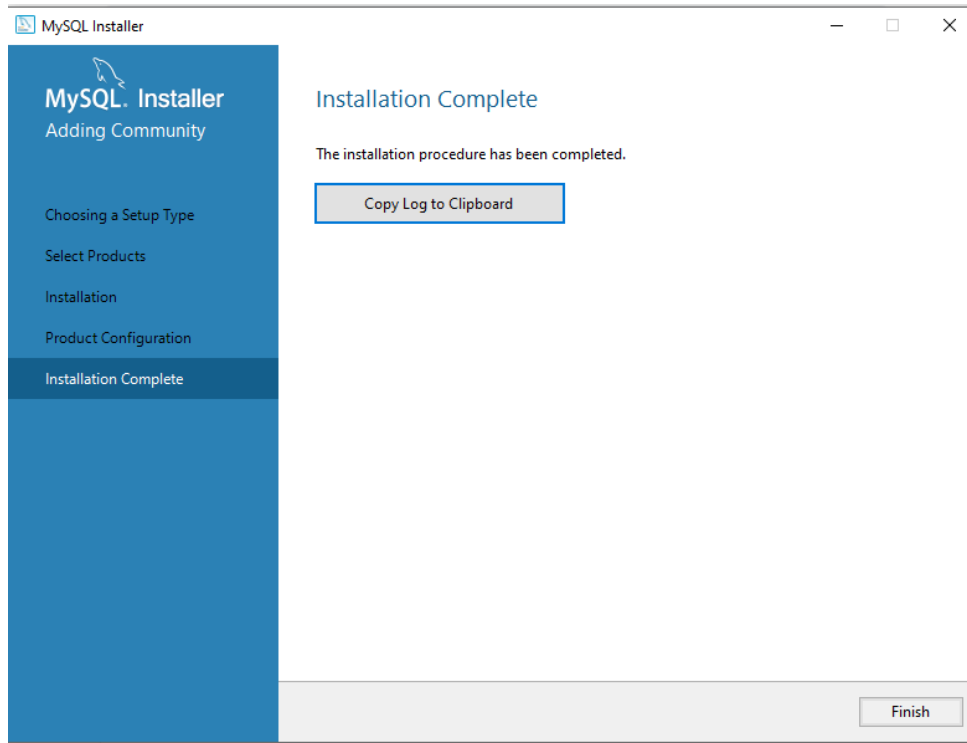
- i. Under apply configuration, click on execute. Once the configuration is complete, click on **“Finish”**.



- j. Click the **“Next”** button on the product Configuration page.



k. Click on the “Finish” button.



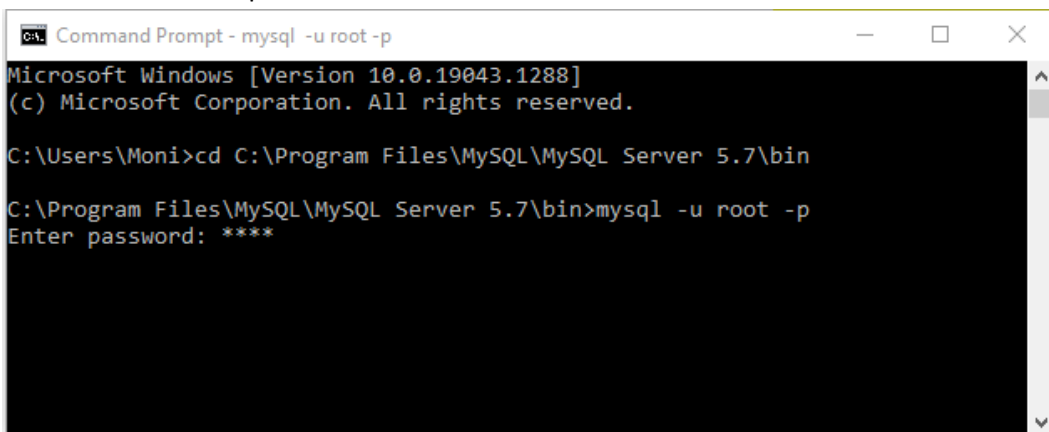
l. Installation completed.

After completing installation, open command prompt and go to mysql installation directory (cd C:\Program Files\MySQL\MySQL Server 5.7\bin)

● **Database creation**

Type command “mysql -u root -p” and press enter. It asks for the password, enter the password of root user as “root”

The screen shot explains the same.

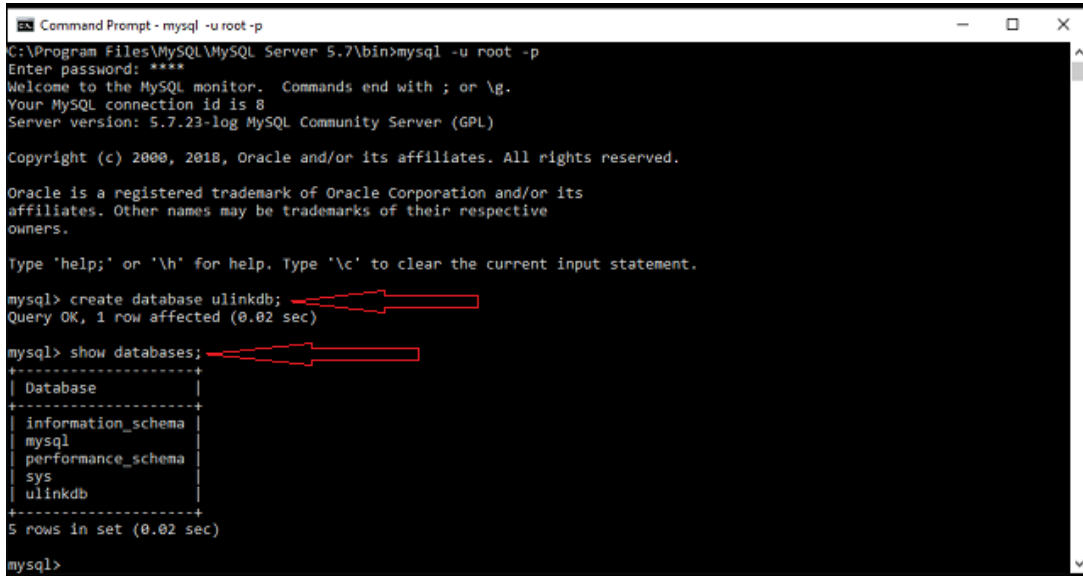


After that you have to create database using following command:
create database ulinkdb;

You can check the created databases by using the following command.

show databases;

Screenshot explains the same.



```
Command Prompt - mysql -u root -p
C:\Program Files\MySQL\MySQL Server 5.7\bin>mysql -u root -p
Enter password: ****
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 8
Server version: 5.7.23-log MySQL Community Server (GPL)

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affiliates. Other names may be trademarks of their respective
owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> create database ulinkdb;
Query OK, 1 row affected (0.02 sec)

mysql> show databases;
+-----+
| Database |
+-----+
| information_schema |
| mysql |
| performance_schema |
| sys |
| ulinkdb |
+-----+
5 rows in set (0.02 sec)

mysql>
```

We need to create the folder structure in our system to process the test comparator data. For that, double click on the “**create_folder_script.bat**” file Which is in **C:\nginx\script\create_folder_script.bat**.

Note: If you double-click the create_folder_script.bat file, the command window will be opened and closed executing all the commands in it.

This will create the folder structure in the “C:\ulink_TR\Documents\” folder and you are ready to process data for test cases.

Go to “**C:\ulink_TR\Documents\ulink**” folder and verify that all the folder structures are created successfully.

3.2 Nginx Installation

Goto C:\nginx\TRSetup\StartNginx.exe

Double click on exe files

It will start the nginx server of your machine

For shortcut you can copy and paste the exe file on desktop

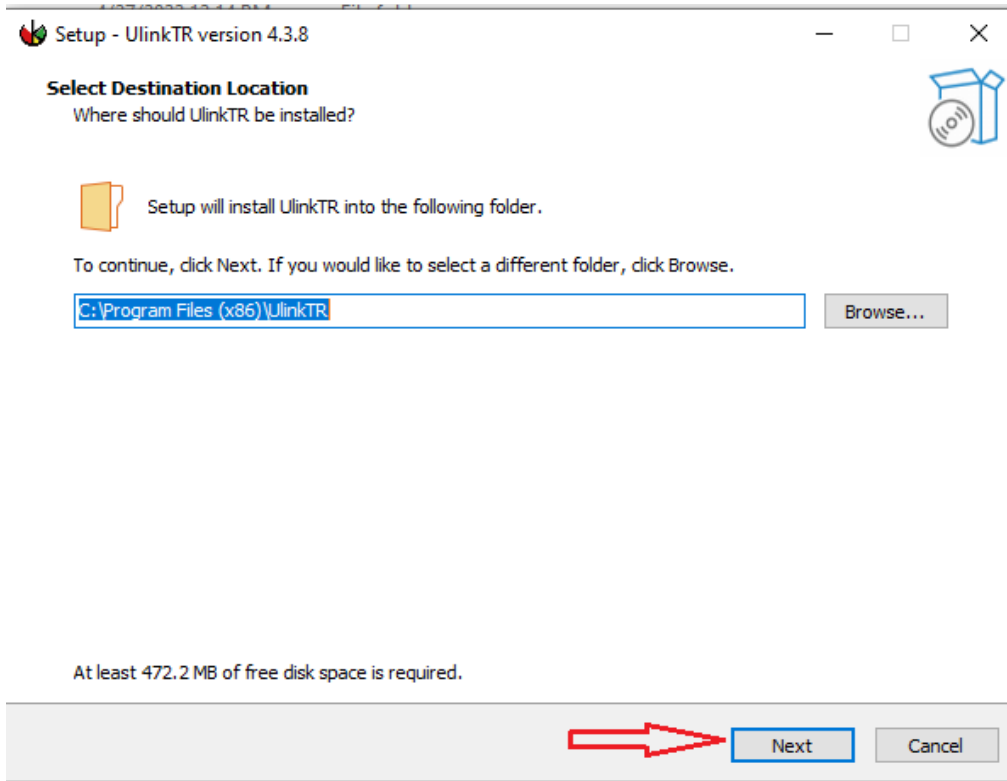
3.3 Test Reporter Installation

- **Application Setup**

Goto C:\nginx\TRSetup\UlinkTR.exe

Double click on UlinkTR.exe

- a. Click on Next

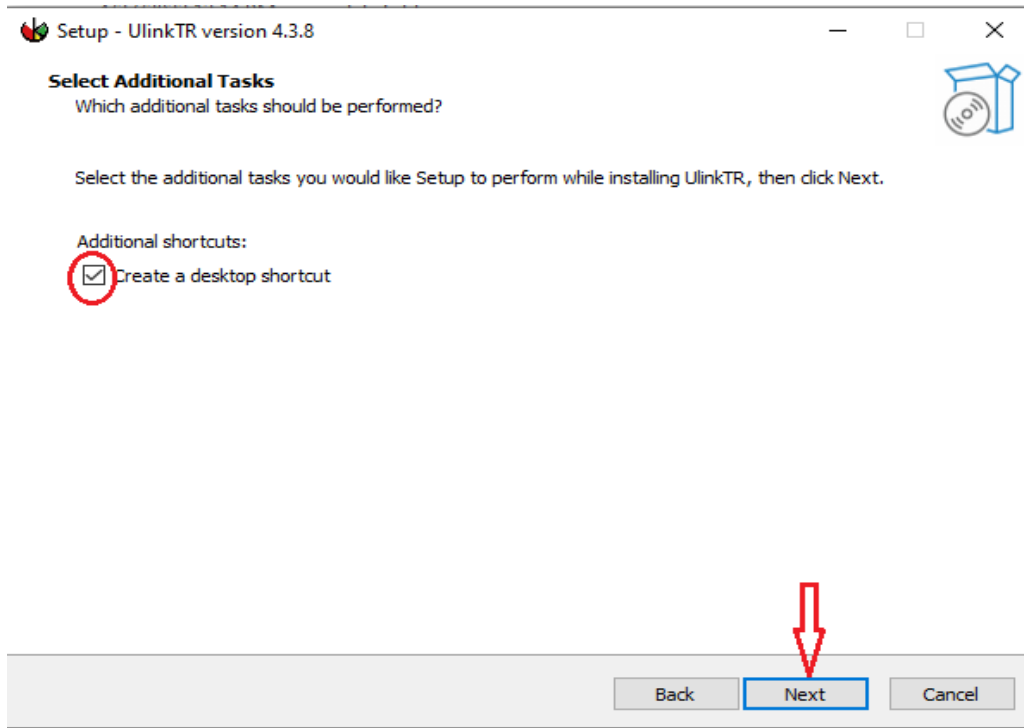


- b. Please check the checkbox **Create a desktop shortcut**

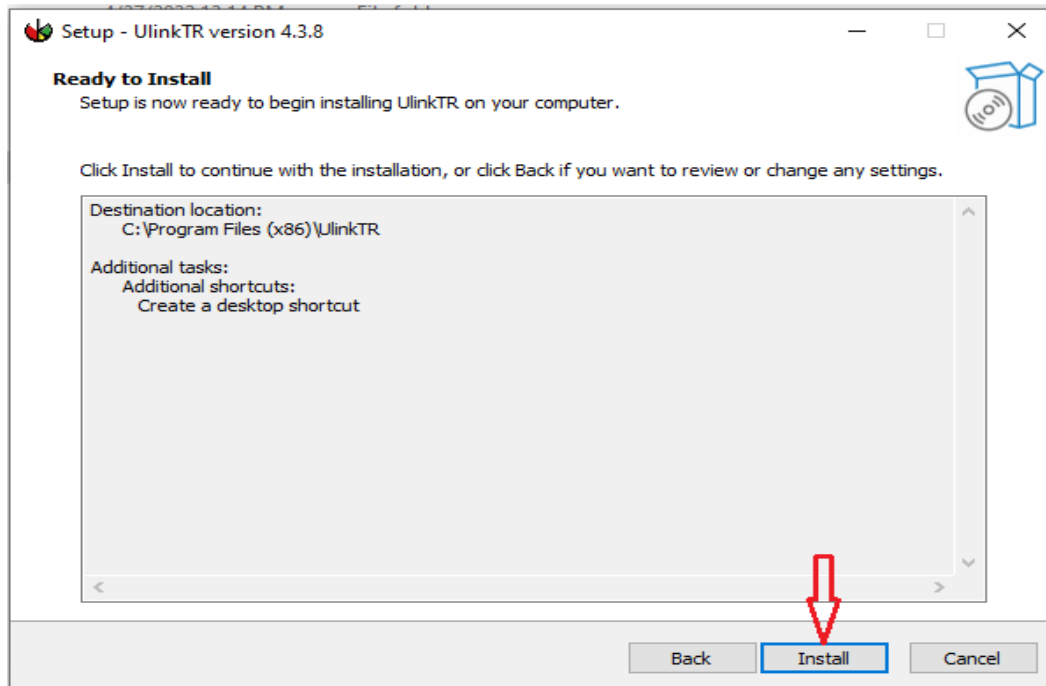
And Click on **Next** button

Shown in the snapshot below

ULINK Test Reporter Installation & Update Guide

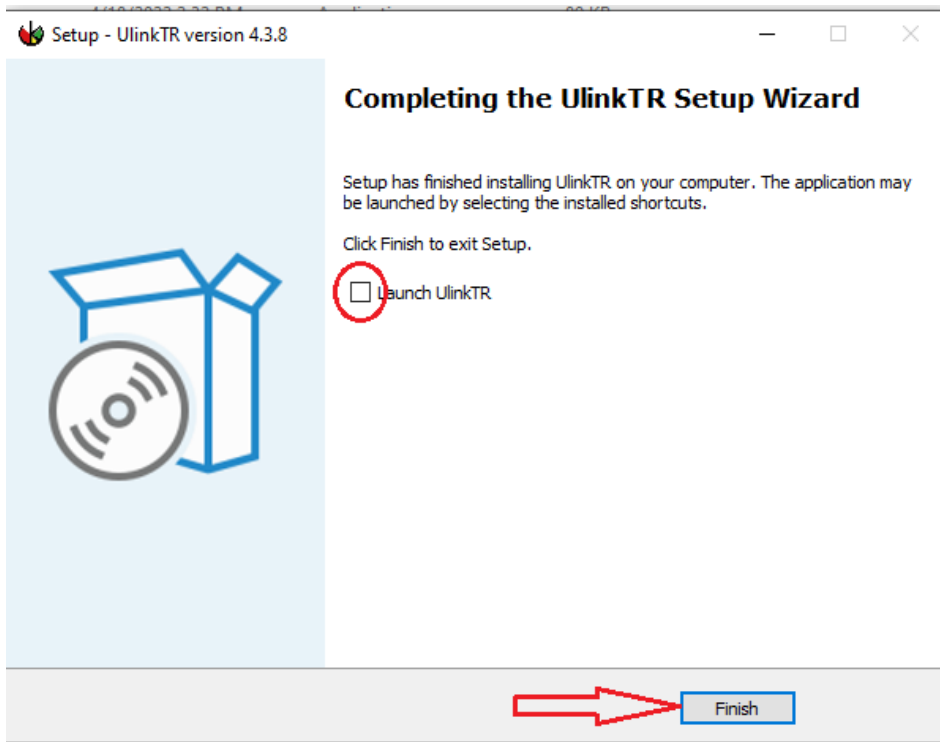


c. Click on the **Install** button.



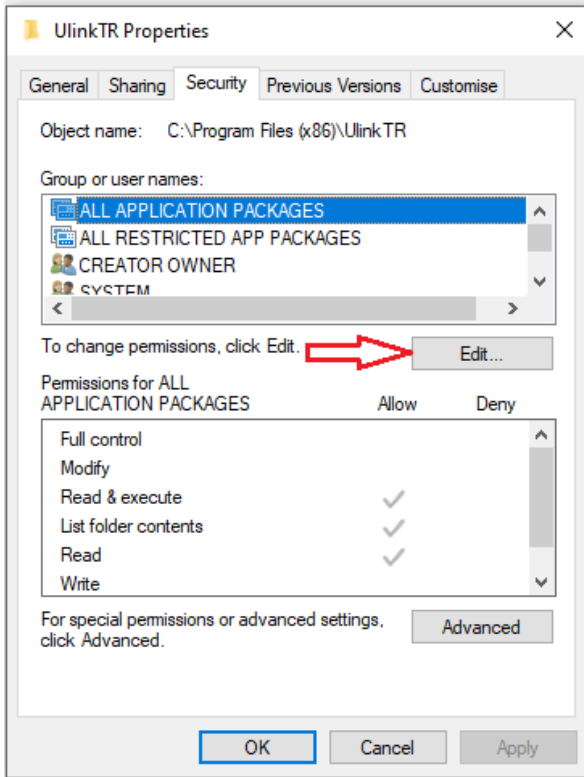
d. Please uncheck the checkbox **Launch UlinkTR**
Click on **Finish** button

Shown in the snapshot below



It will install a UlinkTR.exe and create a desktop shortcut

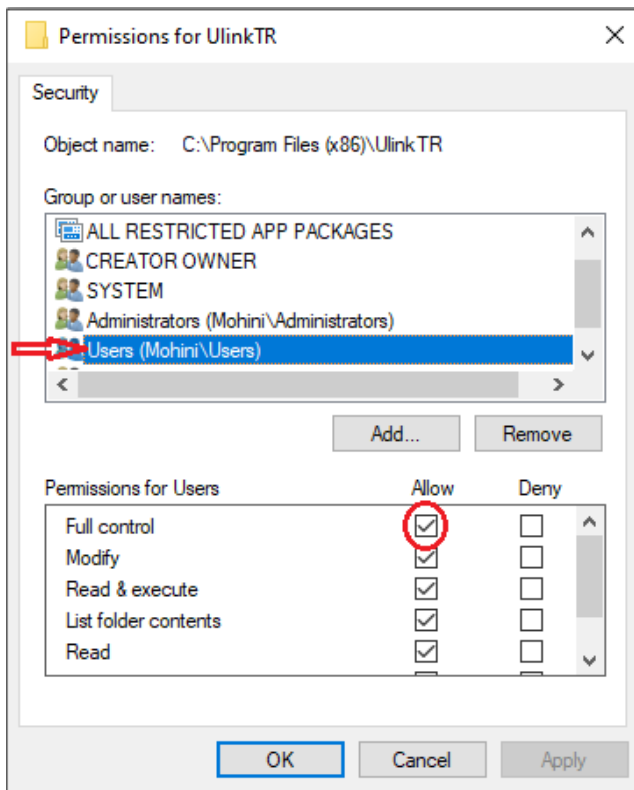
- **Allow Permissions**
Goto C:\Program Files (x86)\UlinkTR
Right click on the UlinkTR folder select the **Properties**
Select the **Security** tab.
Click on **Edit**



Select the **Users(<XXX>\Users)**

where <XXX> is your current user name

In the Permissions section, check **Full control** , Shown in the snapshot below



- **Execution**

To start Ulink TR double click on the UlinkTR

Goto browser and hit the url to open the TR login page.

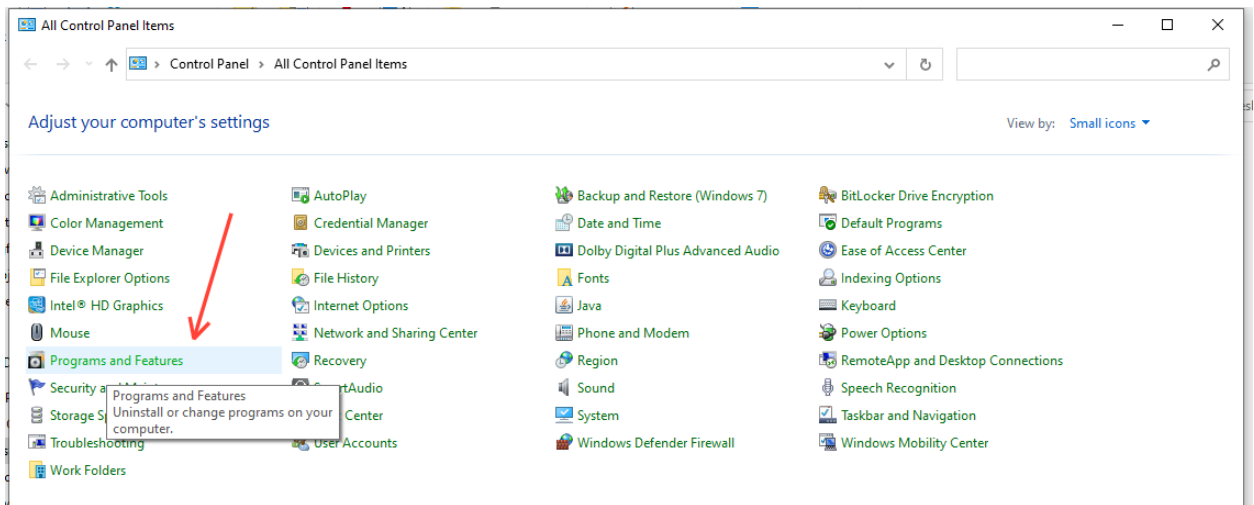
<http://localhost:4200>, This will bring the Sign in page

4. Test Reporter Update

- This section will guide the user for updating the Test Reporter Application.
- When we update the TR version only the software update is needed
- We don't need to do the USB driver installation and database installation
- By doing the following steps, you can update the TR version on your machine

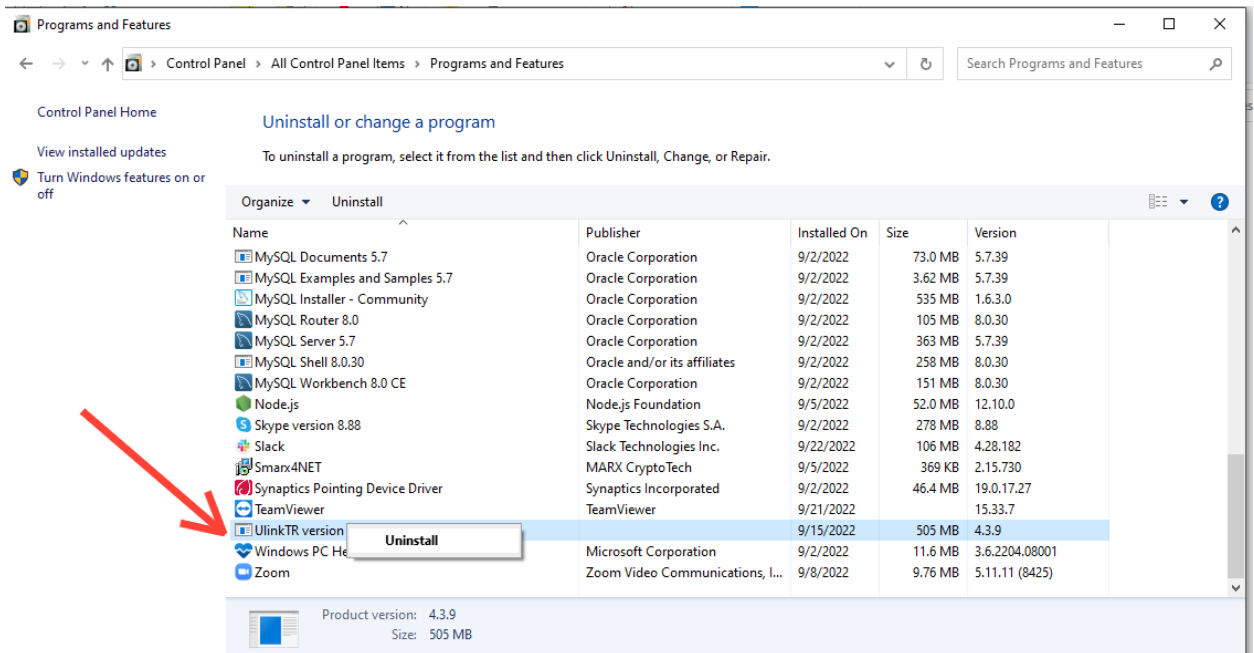
4.1 Uninstalling the current version of TR

- For uninstall process, we have to **restart the machine**. This process is needed for smooth uninstall
- After restart, we need to start with the uninstall process
- For this, Goto Control Panel and Select Programs and Features as shown below.

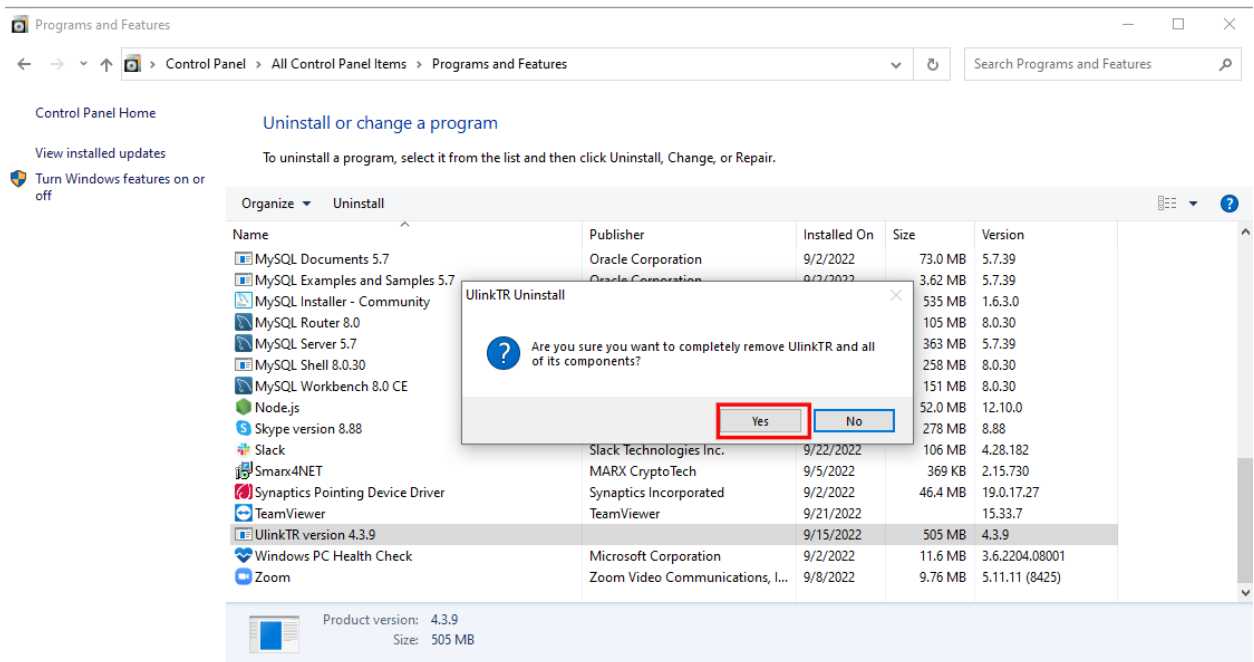


- Search for Ulink TR in the programs list, and right click Uninstall as show below.

ULINK Test Reporter Installation & Update Guide

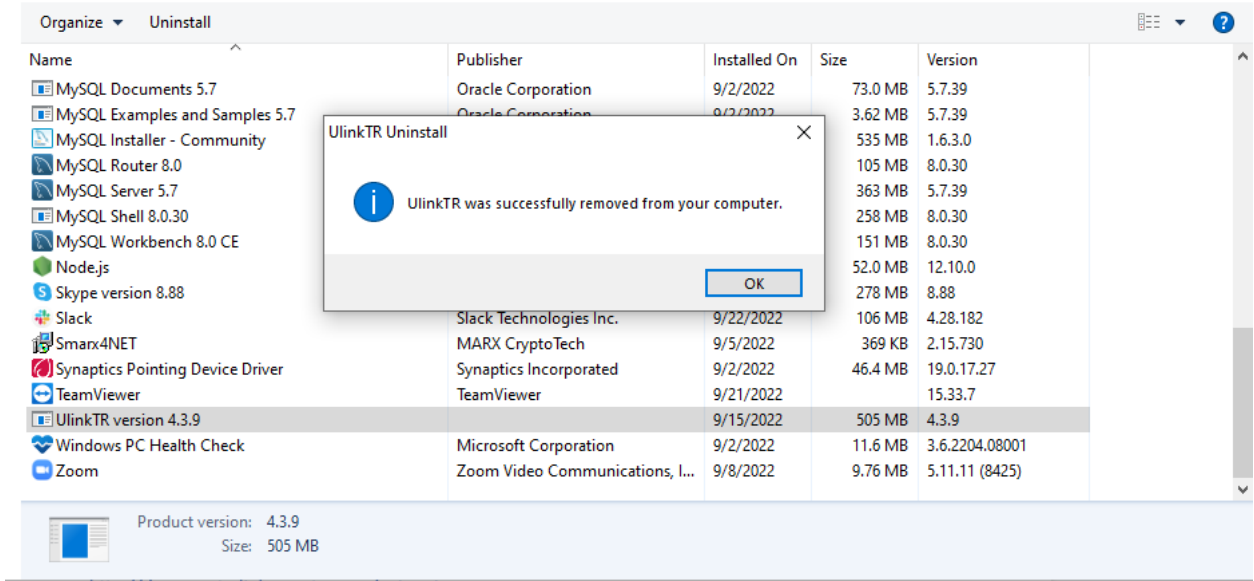


- After clicking , you will be prompted a confirmation window, Proceed with Yes.
- Again click for yes, as shown below



- In last you will see a confirmation window for successful uninstall of the application

ULINK Test Reporter Installation & Update Guide



4.2 Please refer to section 3.2 and 3.3

After having a successful uninstall of the software, you can proceed with the installation steps. These steps are included in section 3.2 and 3.3.