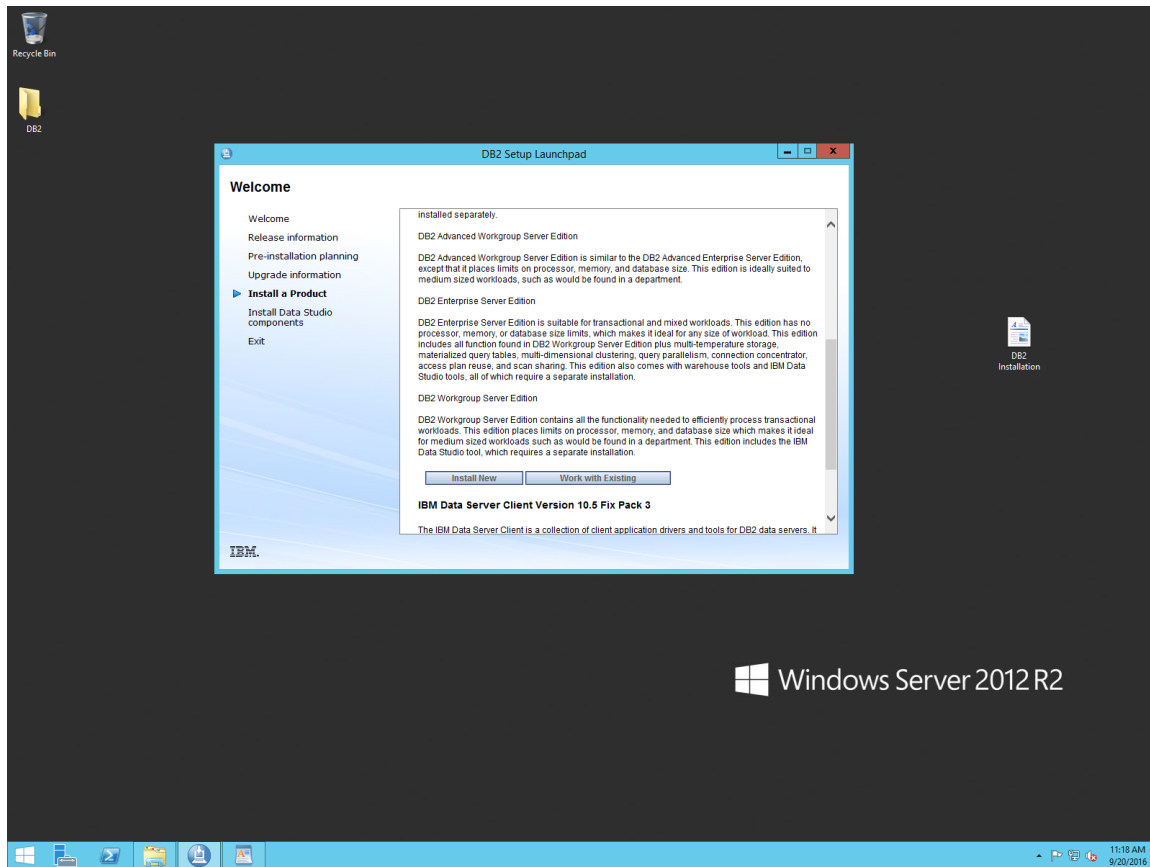# DB2 INSTALLATION PROCEDURE

TATA TECHNOLOGIES

# *Installation of DB2 Server Edition:-*

Step 1:-

- Make a new folder named as DB2 and dump the zip file of DB2 Server Edition.

- Unzip the DB2_10.5.0.3_limited_Win_x86-64.

- Open the folder SERVER_R in that open image and select setup file for DB2 installation.

- After that the above image will be opened in that select the Install a Product option and click on the Install New.
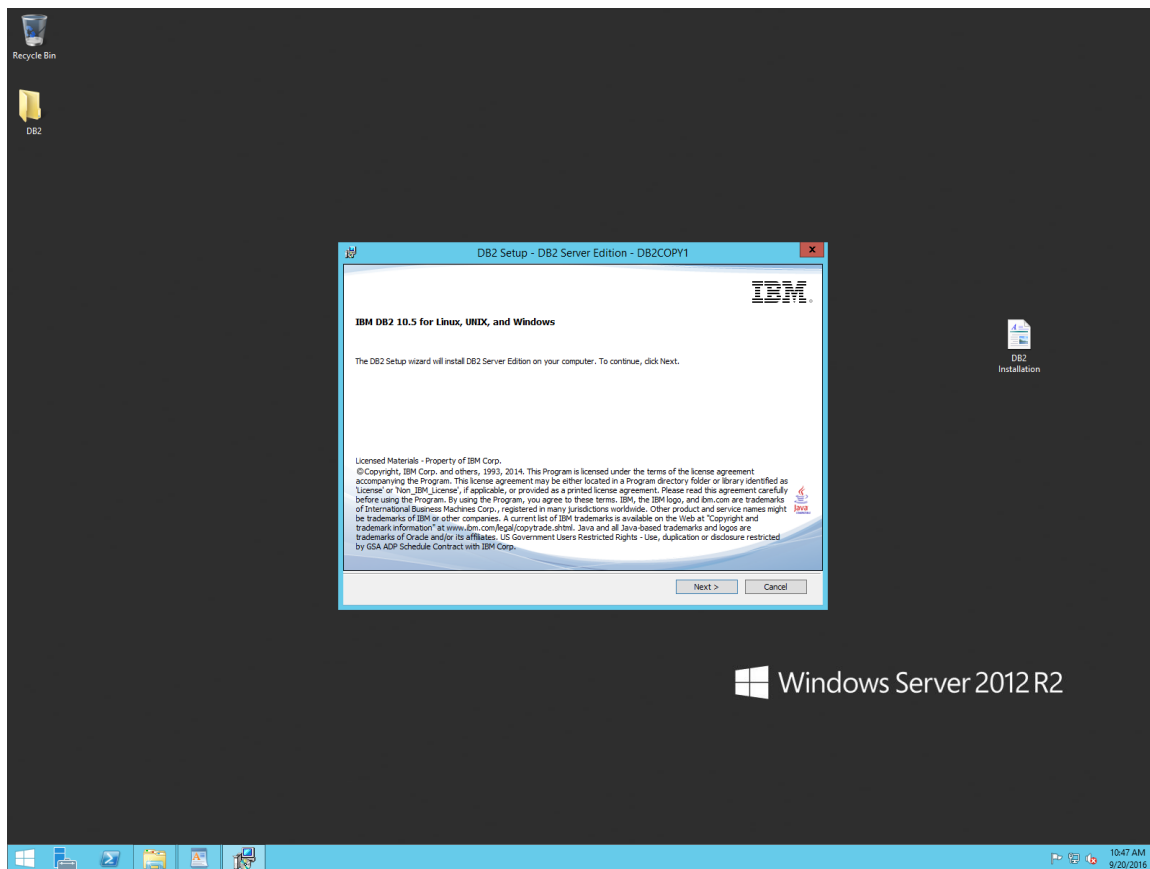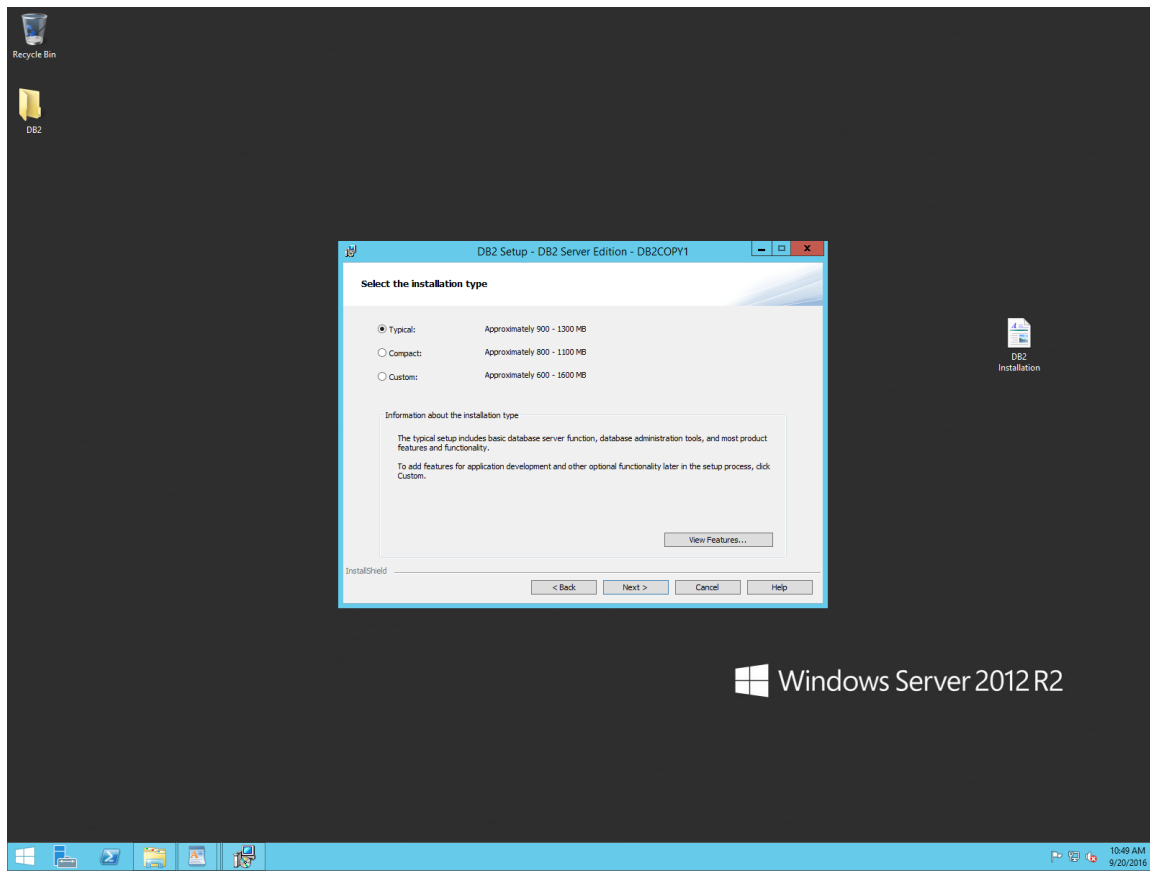
Step 2:-

- After clicking Install New the above window will be opened informing that DB2 Server Edition will be installed on your computer. To continue, click Next
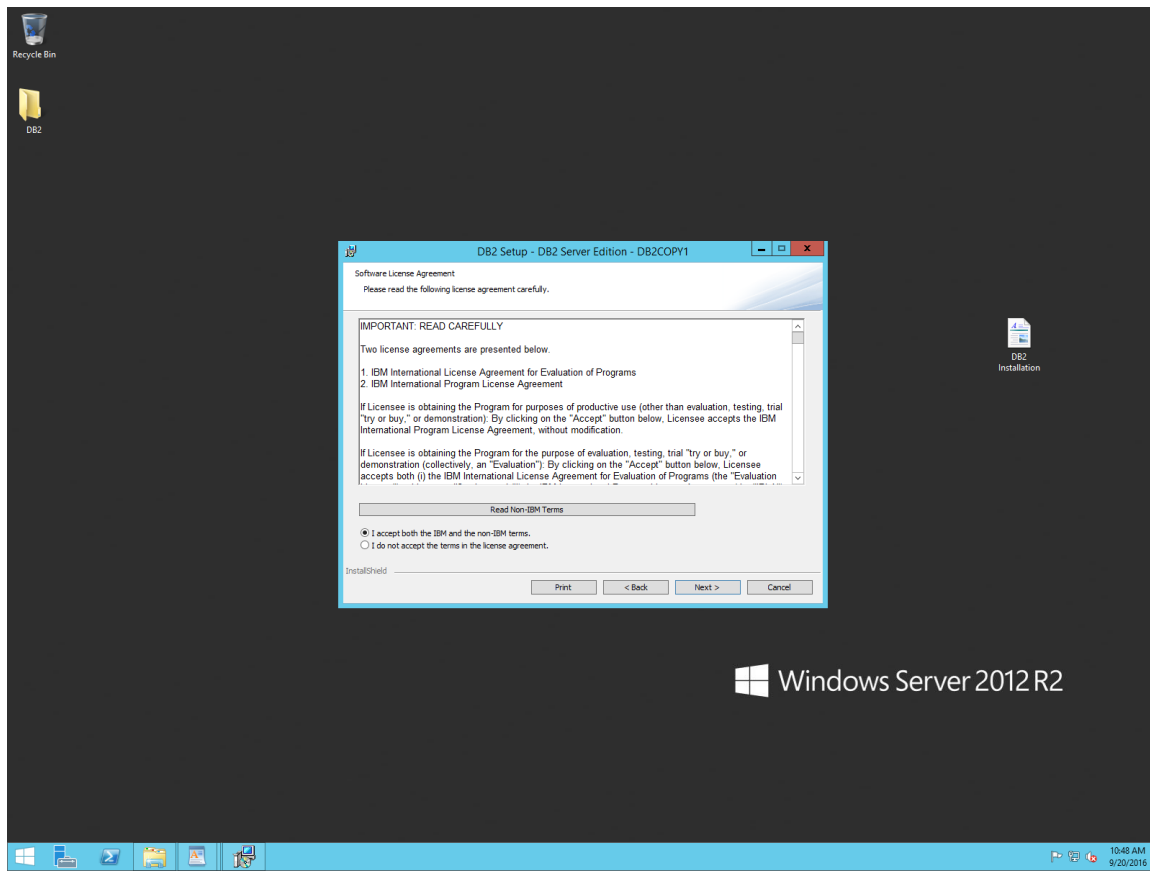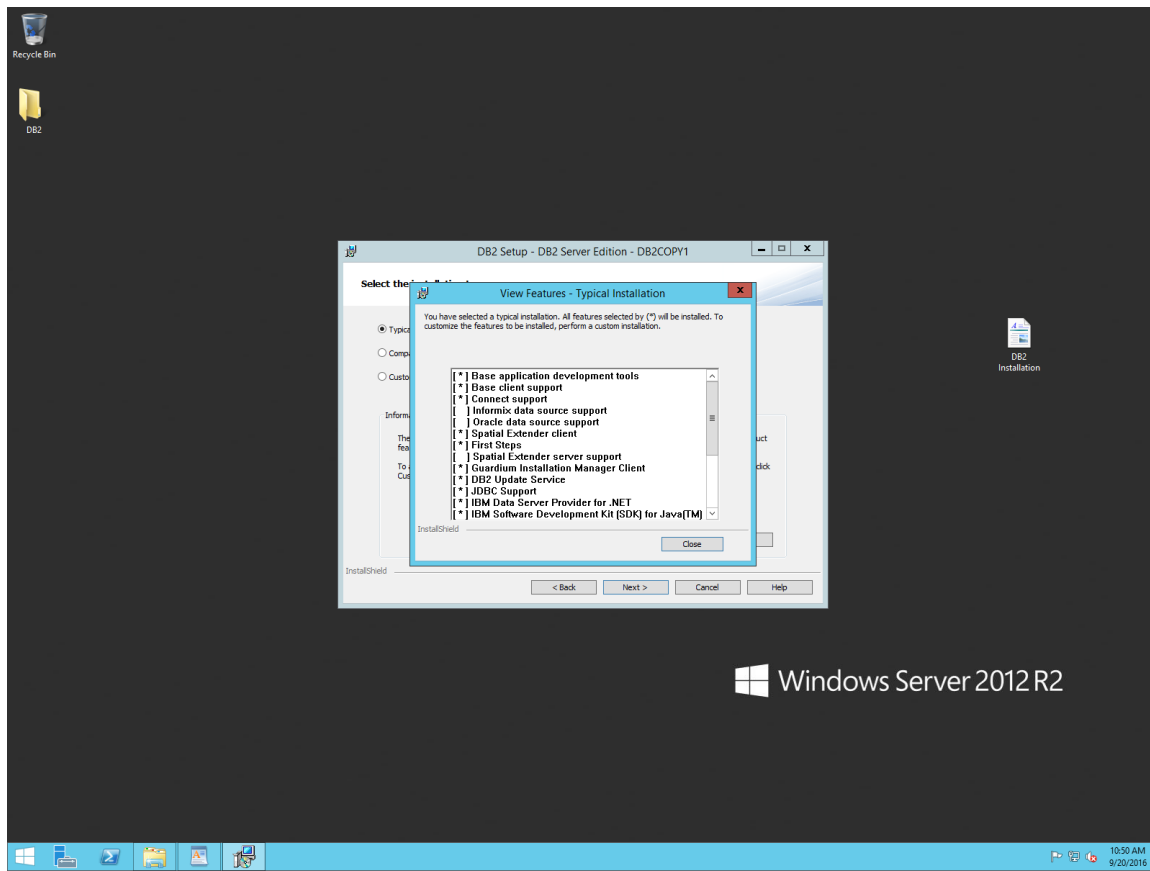
Step 3:-

- Read and accept the Software License Agreement, click Next,
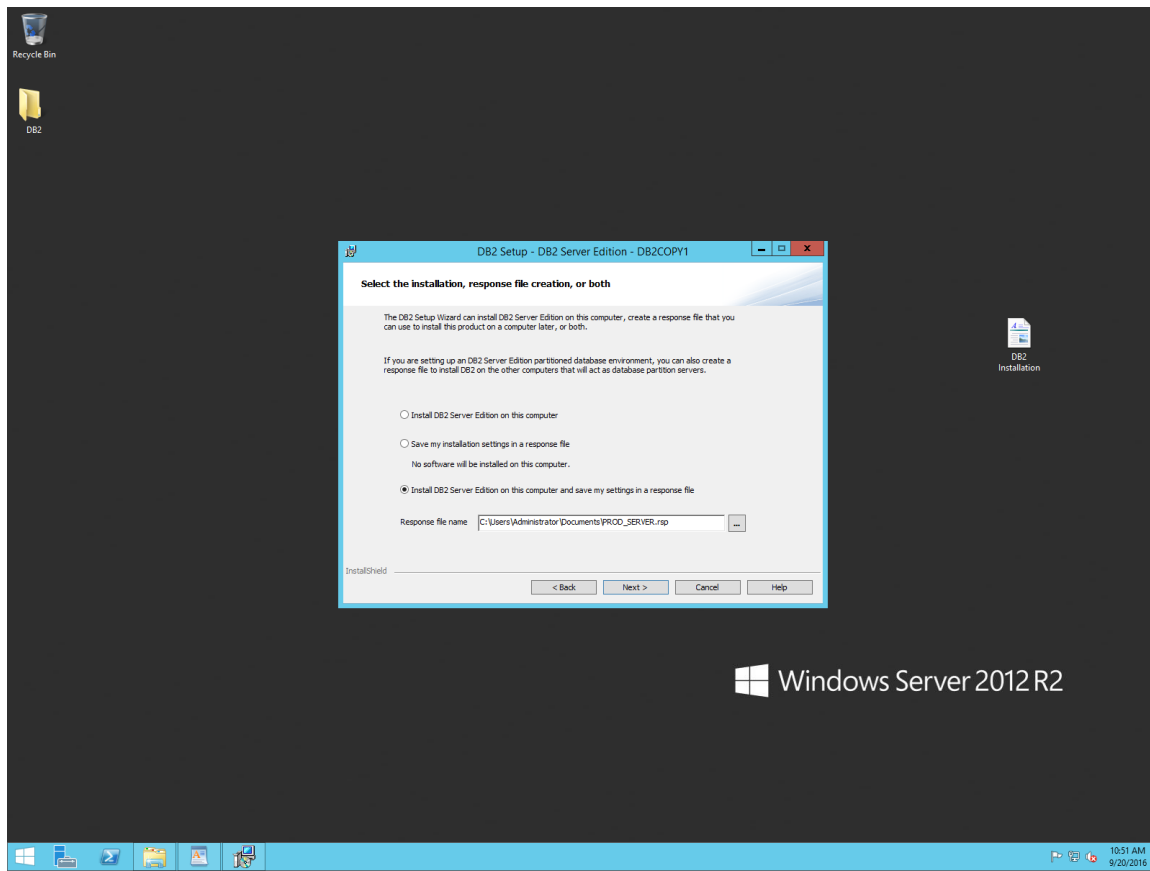
Step 4:-

- Here there are three installation options

    1. Typical

    2. Compact

    3. Custom

- In this installation we have opted Typical Installation type.

- In that View Features option will show you all the operations included in each type of installation type. The above window will show that.

- In this installation we have opted Typical Installation type.

Step 5:-

- Select the installation, response file creation, or both.

- In this we had selected the third option i.e. Install DB2 Server Edition on the computer and save my settings in a response file.

- Response file name will also be shown in the window.

- Click Next,
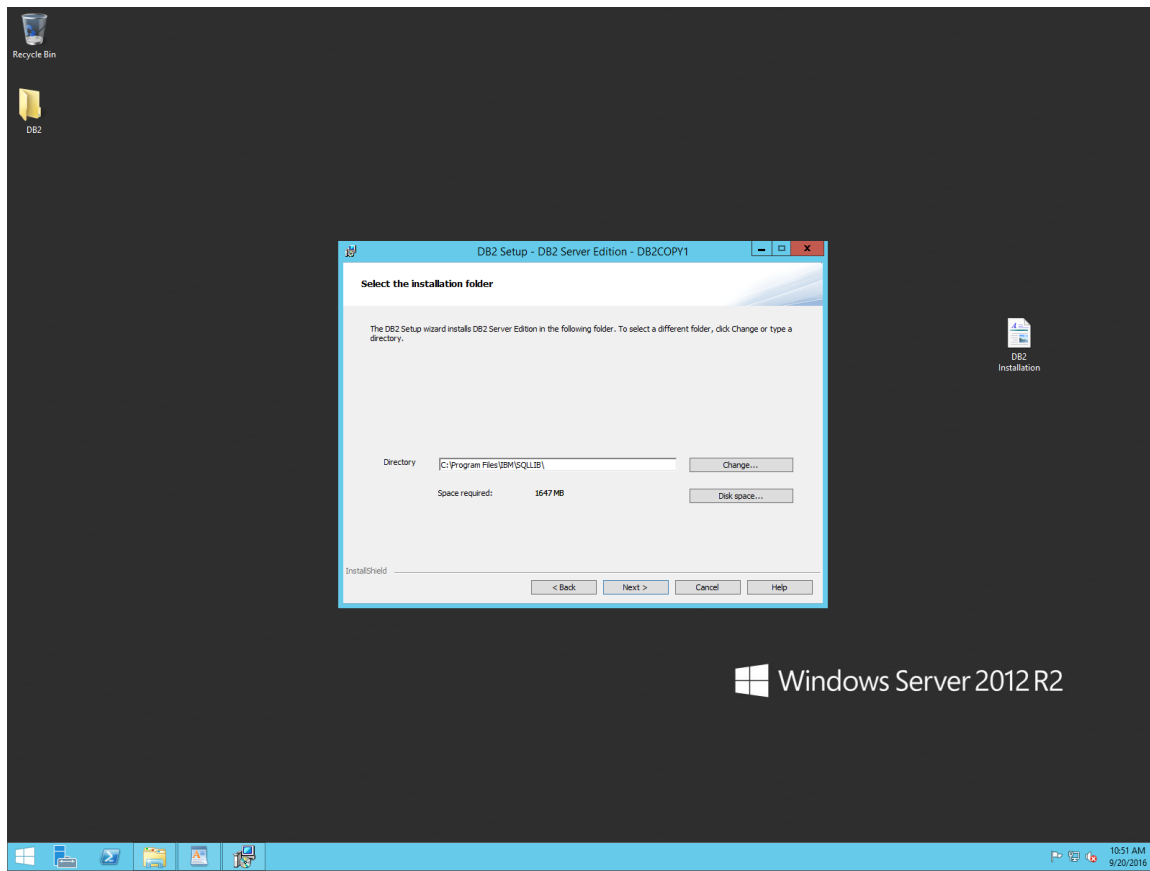
Step 6:-

- Select the folder where we want to install the DB2 Server Edition, click Next

- By default it will installed on C Directory, as shown path in the above window.
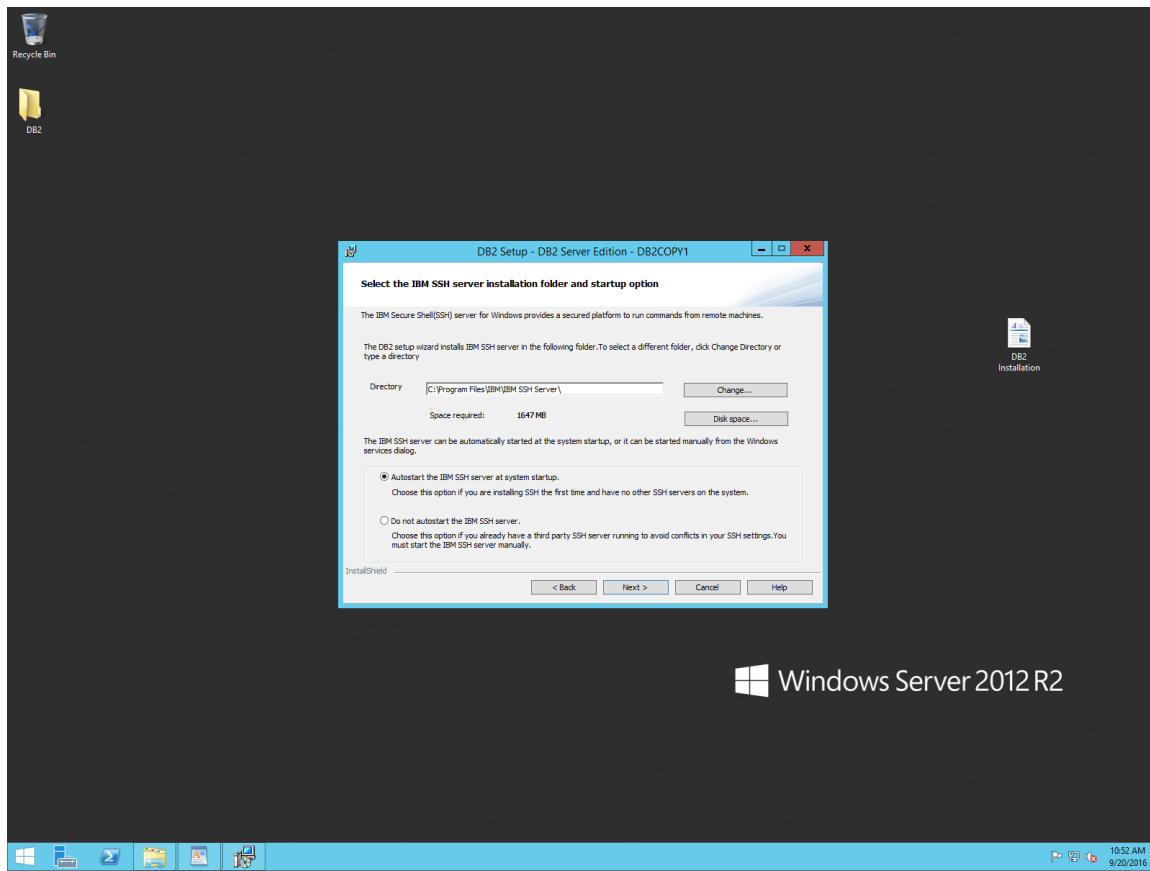
Step 7:-

- Select the IBM SSH (Secure Shell Server) installation folder and startup option.

- In this we have selected the Autostart the IBM SSH server at system startup as shown in the above window.

- Click Next,
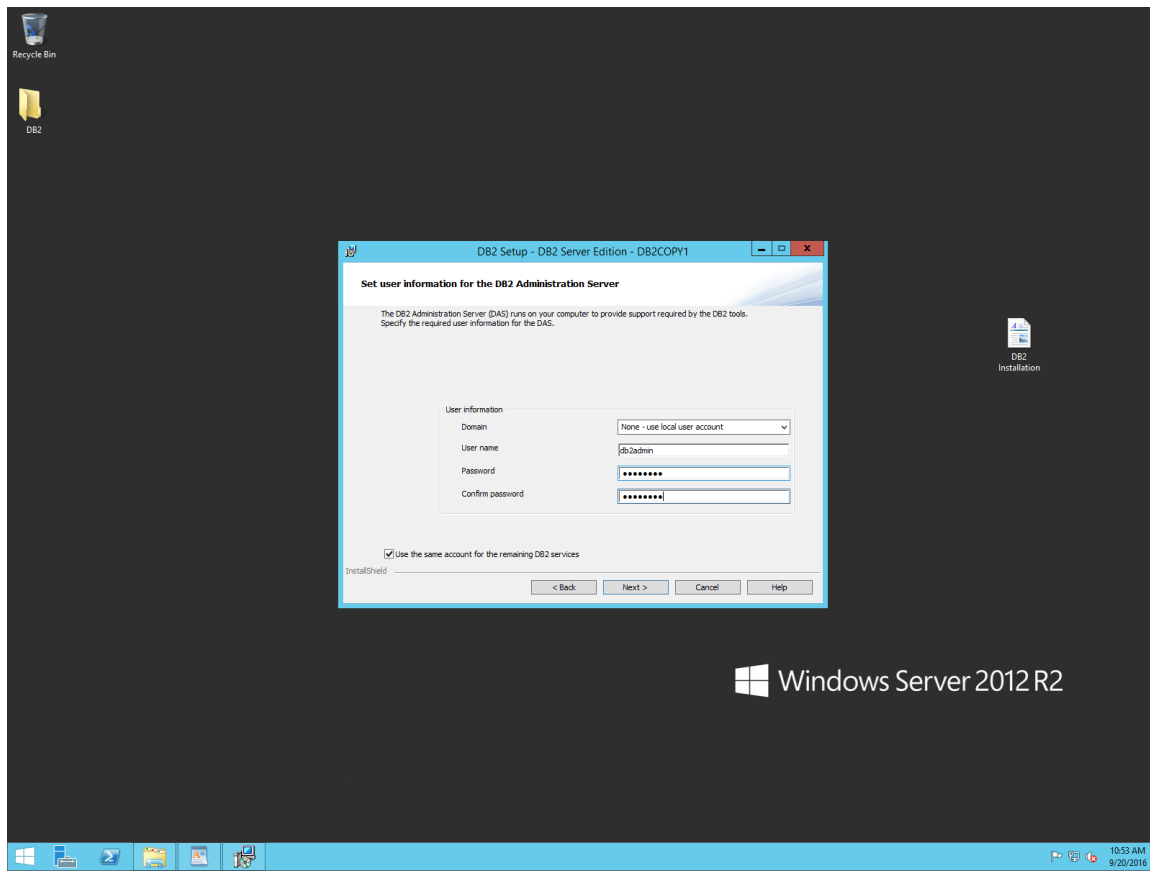
Step 8:-

- In this step, Set user information for the DB2 Administrator Server

- Username :- db2admin

- Password :- Whd@RMDV

- Click Next,
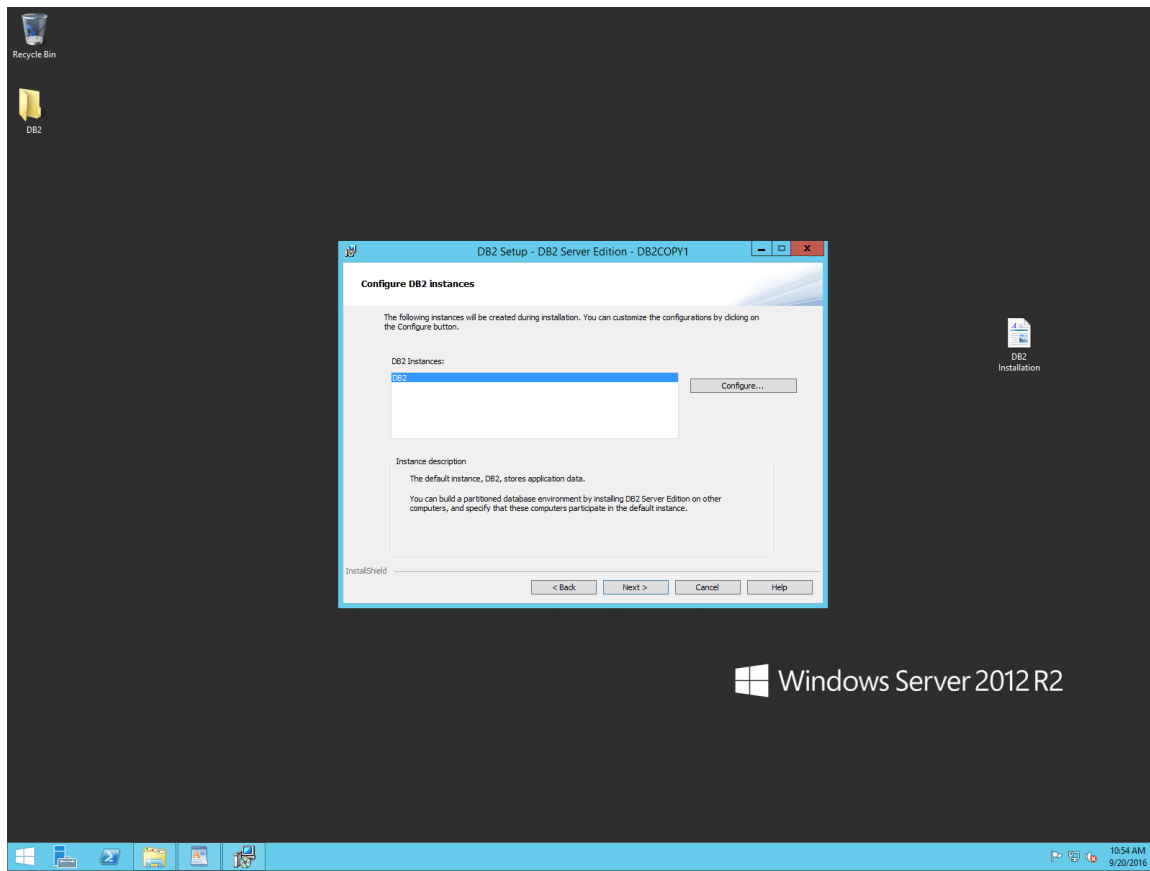
Step 9:-

- After that Configure DB2 instance, click Next
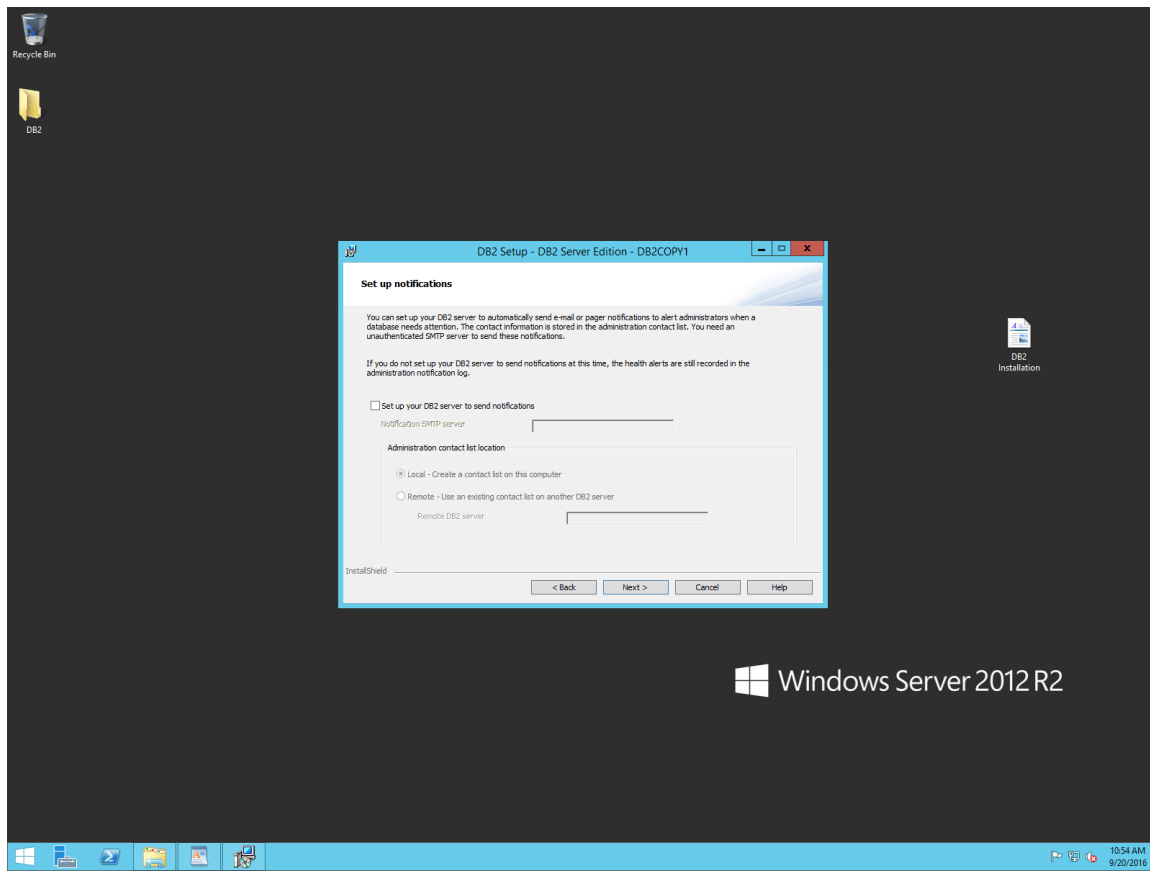
Step 10:-

- In this uncheck the Set up your DB2 server to send notifications as we are not sending any automatic mail or pager notifications.

- Click Next,

Step 11:-

- This window shows us how to, Enable operating system for DB2 projects.

- Enabling operating system security will have, DB2 administrators group and DB2 user group.

- Click Next,
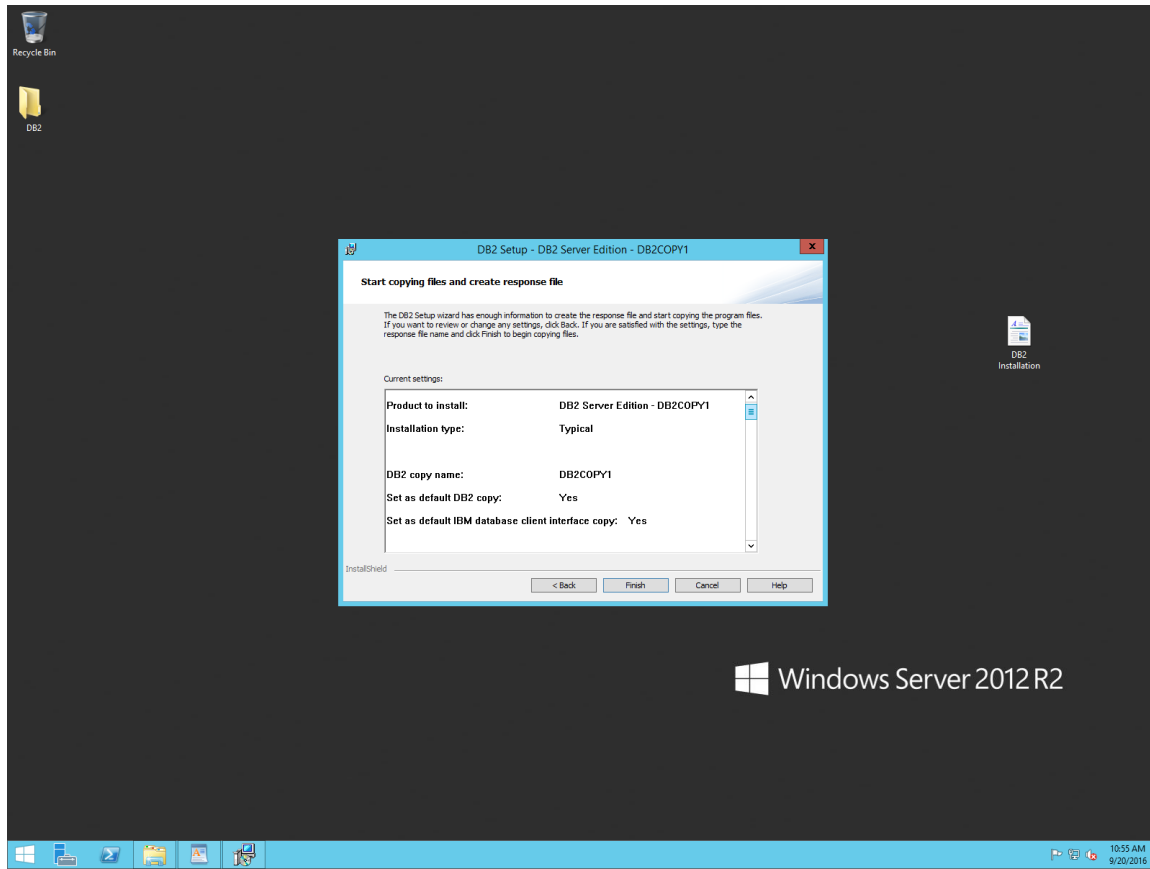
Step 12:-

- In this step we start copying files and create a response file, click finish.

Overall Settings done in Installing DB2 Server Edition is listed below:-

Product to install: DB2 Server Edition - DB2COPY1

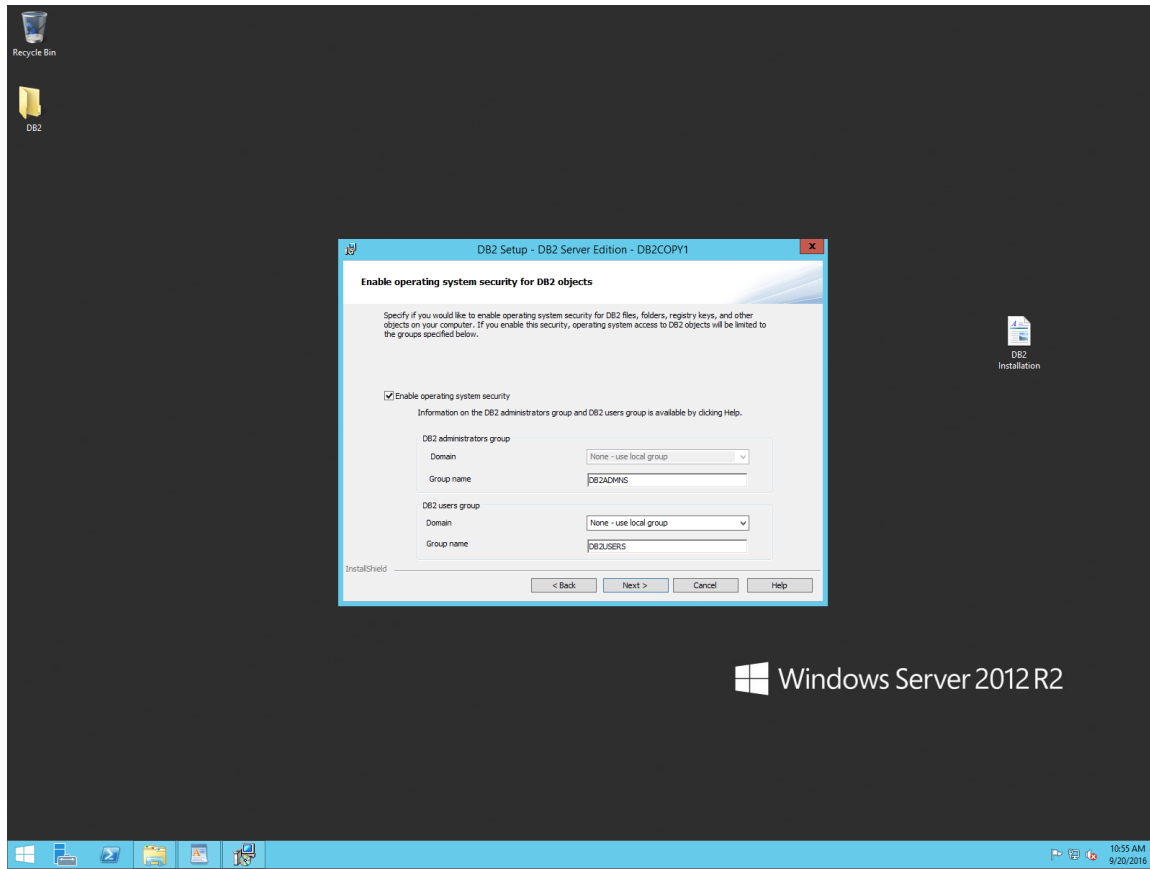**Installation type:** Typical

DB2 copy name: DB2COPY1

Set as default DB2 copy: Yes

Set as default IBM database client interface copy: Yes

Selected features:

- Base application development tools

- Base client support

- Connect support

- IBM Data Server Provider for .NET

- First Steps

- Spatial Extender client

- Guardium Installation Manager Client

- DB2 Update Service

- JDBC Support

- IBM Software Development Kit (SDK) for Java(TM)

- DB2 LDAP support

- ODBC Support

- OLE DB Support

- Replication tools

- Sample database source

- SQLJ Support

- IBM Secure Shell Server for Windows

- DB2 WMI Provider

Languages:

- English

Target directory: C:\Program Files\IBM\SQLLIB

Space required: 1647 MB

Installation specific driver details

IBM Data Server Driver for ODBC and CLI name: IBM DB2 ODBC DRIVER - DB2COPY1

OLE DB Provider GUID: {3D7B8BFA-CBD7-4A47-A31A-4CD9DCC63CF9}

New instances:

- **Instance name:** DB2

- **Start instance on reboot:** Yes

- **TCP/IP configuration**

- **Service name:** db2c_DB2

- **Port number:** 50000

Instance user information:

- **User name:** db2admin

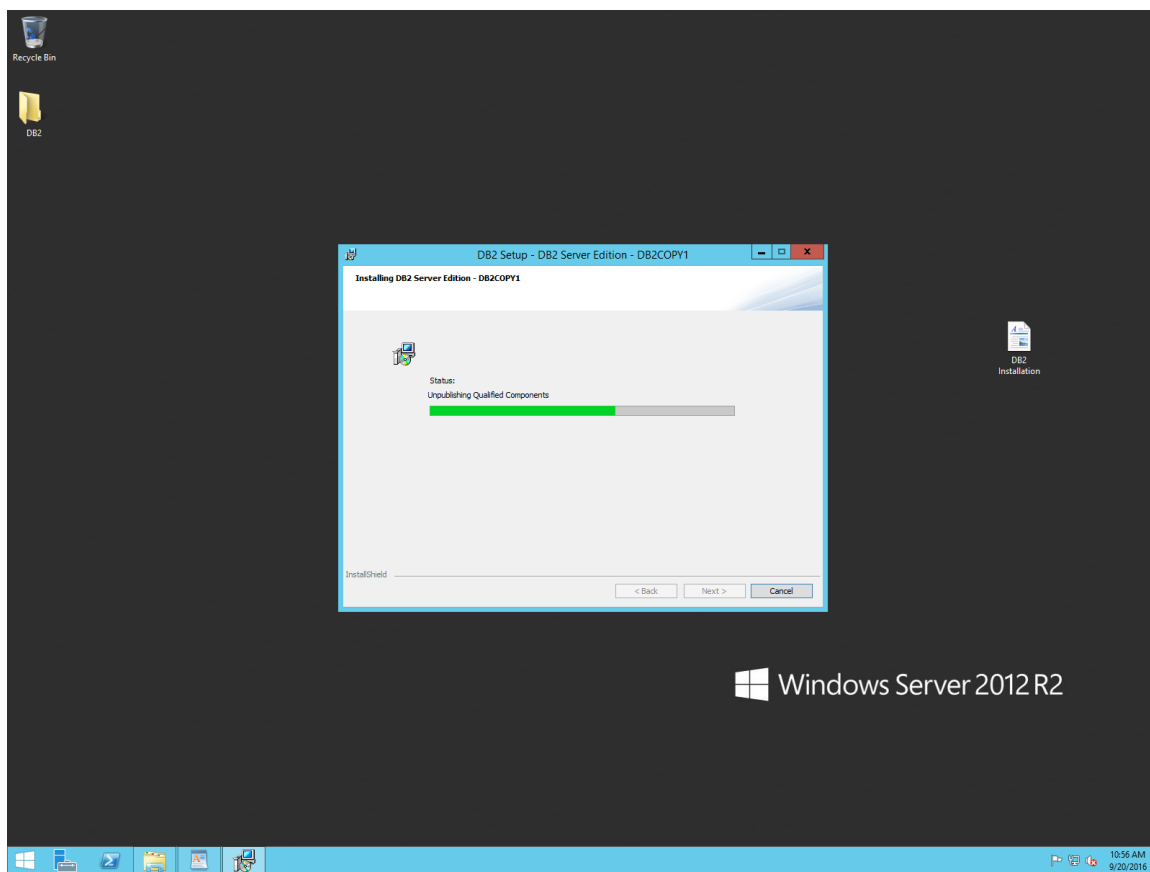**DB2 Administration server:**

Instance user information:
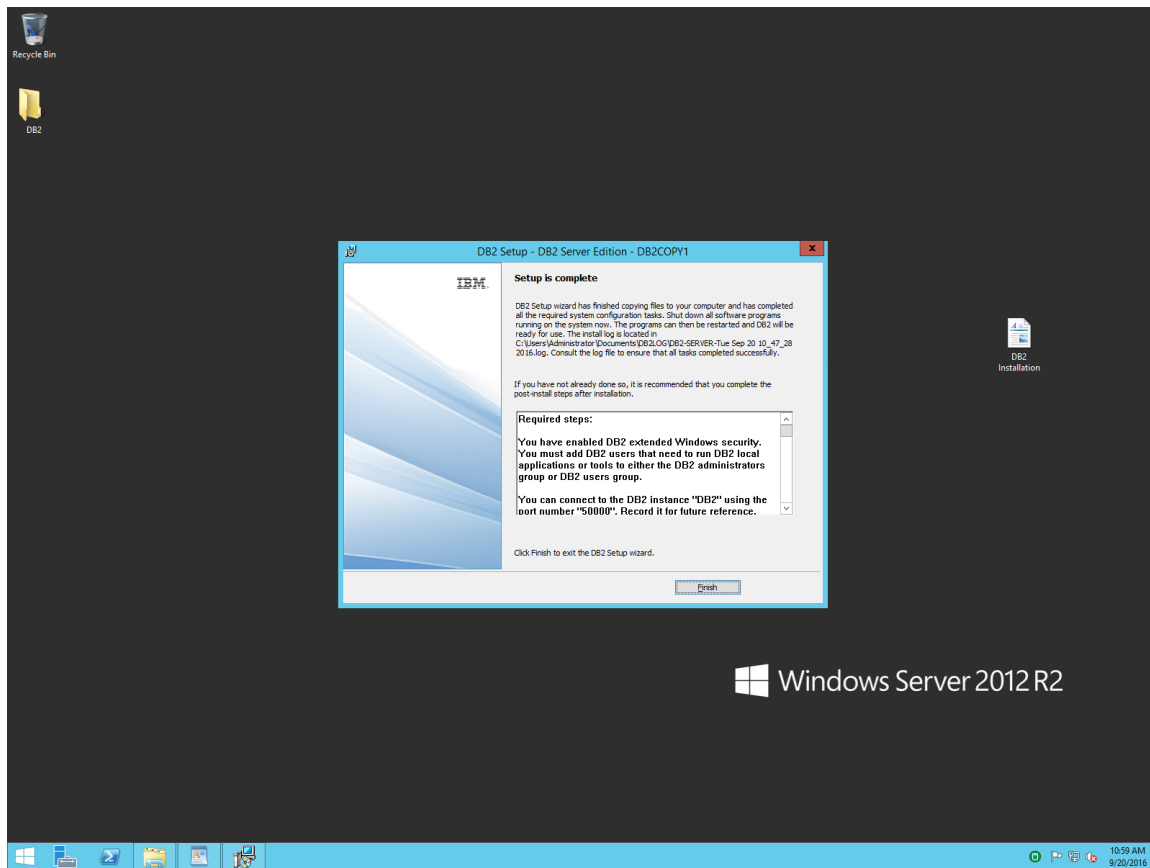
User name: db2admin

IBM Secure Shell Server for Windows:

- **IBM SSH Server target directory:** C:\Program Files\IBM\IBM SSH Server

- **IBM SSH server service startup type:** Automatic

Response file name: C:\Users\Administrator\Documents\PROD_SERVER.rsp

- Installing DB2 Server Edition.

Step 13:-

- Setup is complete. Read the required steps.

- Click Finish.

Required steps:

You have enabled DB2 extended Windows security. You must add DB2 users that need to run DB2 local applications or tools to either the DB2 administrators group or DB2 users group.

You can connect to the DB2 instance "DB2" using the port number "50000". Record it for future reference.

Optional steps:

To validate your installation files, instance, and database functionality, run the Validation Tool, C:\Program Files\IBM\SQLLIB\bin\db2val.exe. For more information, see "db2val" in the DB2 Information Center.

Ensure that you have the correct license entitlements for DB2 products and features installed on this machine. Each DB2 product or feature comes with a license certificate file (also referred to as a license key) that is distributed on an Activation CD, which also includes instructions for applying the license file. If

you purchased a base DB2 product, as well as, separately priced features, you might need to install more than one license certificate. The Activation CD for your product or feature can be downloaded from Passport Advantage if it is not part of the physical media pack you received from IBM. For more information about licensing, search the Information Center (http://publib.boulder.ibm.com/infocenter/db2luw/v10r5/index.jsp) using terms such as "license compliance", "licensing" or "db2licm".

To use your DB2 database product, you must have a valid license. For information about obtaining and applying DB2 license files, see http://pic.dhe.ibm.com/infocenter/db2luw/v10r5/topic/com.ibm.db2.luw.qb.server.doc/doc/c0061199.html.

To use your DB2 database product, you must have a valid license. For information about obtaining and applying DB2 license files, see http://pic.dhe.ibm.com/infocenter/db2luw/v10r5/topic/com.ibm.db2.luw.qb.server.doc/doc/c0061199.html.
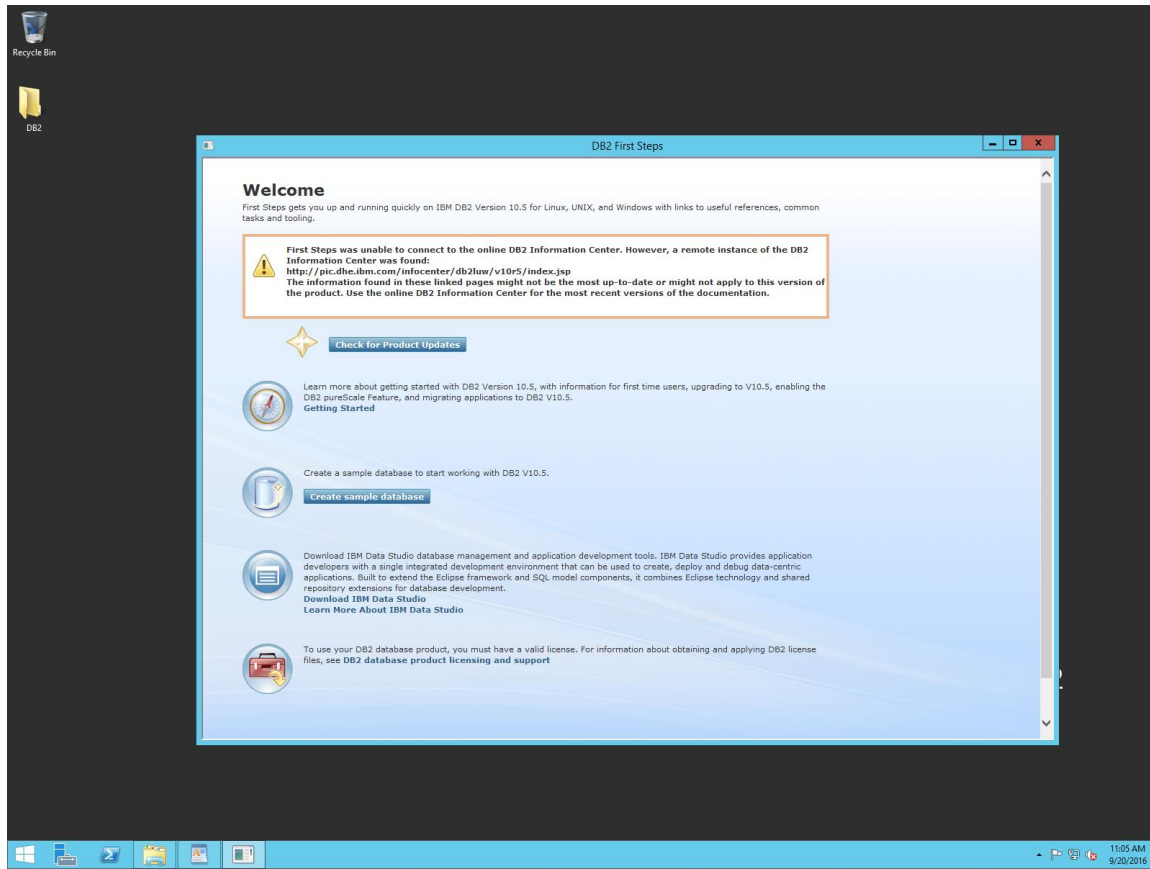
Verify that you have access to the DB2 Information Center based on the choices you made during this installation. If you performed a typical or a compact installation, verify that you can access the IBM Web site using the internet. If you performed a custom installation, verify that you can access the DB2 Information Center location specified during the installation.

Review the response file created at C:\Users\Administrator\Documents\PROD_SERVER.rsp. Additional information about response file installation is available in the DB2 documentation under "Response file installation of DB2 overview".

Your DB2 instance is created as a single-partition instance because this machine is not connected to a domain. To set up a multiple-partition instance environment, refer to DB2 documentation under "Adding a database partition server to an instance".

Refer to "What's new" http://publib.boulder.ibm.com/infocenter/db2luw/v10r5/topic/com.ibm.db2.luw.wn.doc/doc/c0052035.html in the DB2 Information Center to learn about the new functions for DB2 V10.5.

- After clicking finish the above window will popup welcoming DB2 First Steps.

- To create database open DB2 Command Window and create database.