INSTALLATION OF SQL SERVER STANDARD EDITION 2012 AND SNDPRO SETUP

INSTALLING WINDOWS 10 PROFESSIONAL
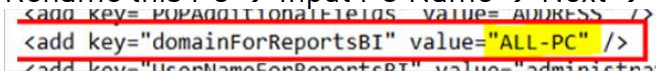Have your bootable windows 10 on a pendrive and connect it to the PC after all Backups. Reboot/Boot PC and press F2 to go to the setup → Click on Boot Sequence → Under Boot List Option, Select UEFI → Click on Apply below.

Upon PC starts to boot, press F12 to load boot options → Under **UEFI BOOT**, Select the Pendrive from the List → Press Enter for setup to begin → Beside Time and Currency: English (United Kingdom) → Next → Install → Checkmark "I accept the license terms → Next → Select Custom: Install Windows Only (advanced) → On the next window, do your partition depending on the size of the Hard Drive. → Next → Installation begins
. → Getting Ready message → Just a moment message → Select United Kingdom → Next → Select United Kingdom again → Yes → Skip → If no internet connected, click on "I don't have internet" Select "Setup for an organization" → Next → For Who is going to use this PC, enter this ALL-PC → Next → No Password is Required → Next → No → Decline → Select 2nd option → Accept → 2nd option → Accept → 2nd option → Accept →1st option → 2nd option → Accept → 2nd option → Accept → 2nd option → Preparing your desktop → Wait till it completes.

CHANGE THE COMPUTER TO WHAT IS IN WEB CONFIG
Click the start option → Settings → Systems → Click **About** on the left pane bottom → Click on Rename this PC → Input PC Name → Next → Click Restart.

INSTALLING THESE PROGRAMMES
Install Microsoft Office (Open MS Excel and Close and then MS Word and close) **Compulsory**.
Install Mozilla Fire Fox
Install WinRAR.

BACK OFFICE DEPLOYMENT
Copy **CentegySyncFramework, OSDP, sndpro, Conn file, db_backup, QS_Download, QS_Upload, Centegy Database & Log DB, DownloadFile** into drive C:

Create a folder on drive D: and label IQ (Give rights to the IQ folder)

NOTE: Before configuring Internet Information Services (IIS), connect the PC to an internet connectivity.

CONFIGURING INTERNET INFORMATION SERVICES (IIS) – Connect to Internet.
Go to Control Panel → Programs and Features → Turn Windows features on or off →
Under **Internet Information Services**, **Check all the boxes**
Under **Web Management Tools**, **Check all boxes**

Under **World Wide Web Service**, **check all boxes**

Under **Common HTTP Features**, **Check all boxes** except **HTTP Redirection** and **WebDav Publishing**
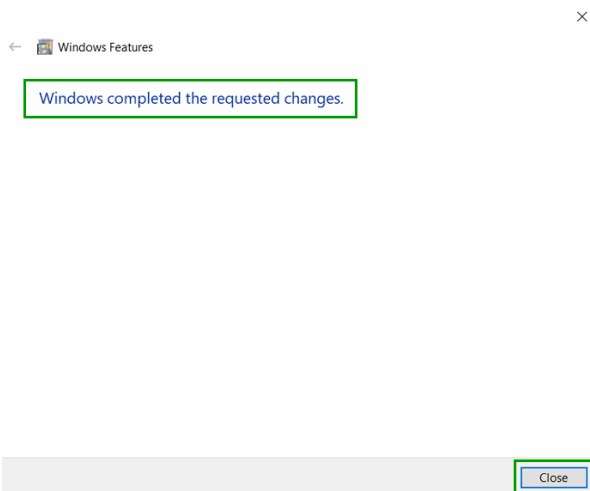
Under **Performance Features**, **check all boxes**

Under **Security**, check **Basic Authentication, IP Security, Request Filtering** and **Windows Authentication.**

Click on OK.

Select the first option when windows dialog appears per below for the files to be download.
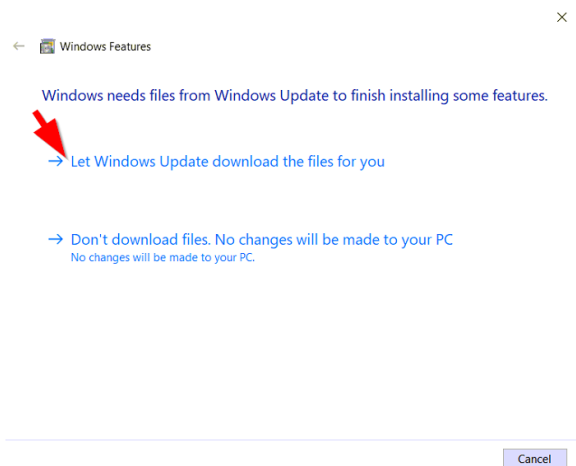
After completion and below success message, click on close button below.

NOTE: After Configuring Internet Information Services (**IIS**), restart the PC.

OTHER PROGRAMS INSTALLATIONS

MyPhoneExplorer
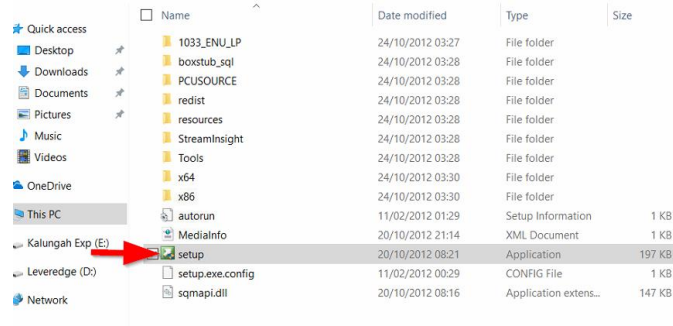
Samsung USB Driver for mobile phone

Adobe Reader

TeamViewer

Zebra Printer Installation
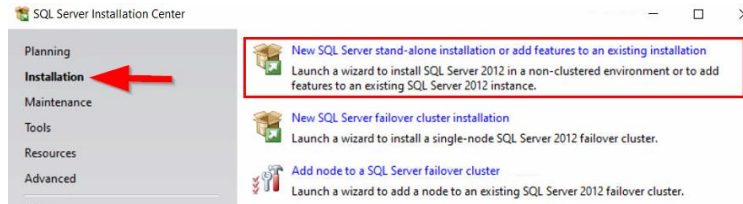
Chrome Installation

<mark>Stop Firewall</mark>

HOW TO INSTALL MICROSOFT SQL SERVER 2012 STANDARD EDITION X64

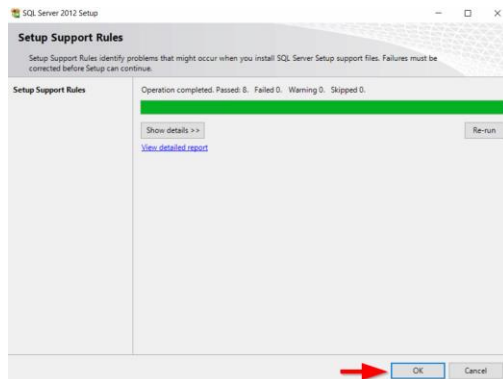Open the **Microsoft_SQL_Server_2012_Standard_Edition_X64**

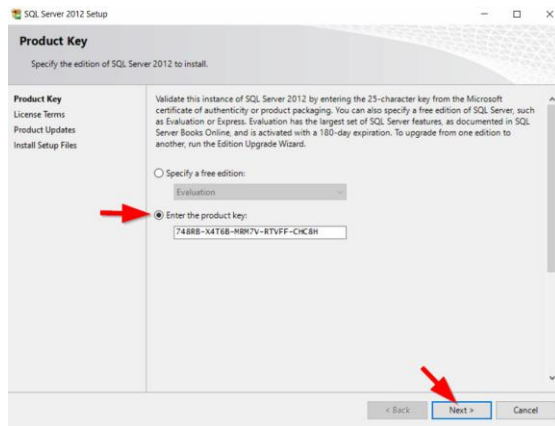**Double-click** on the setup to start processing

Click on **Installation Option** and click on **New SQL Server stand-alone installation or add features to an existing installation.**
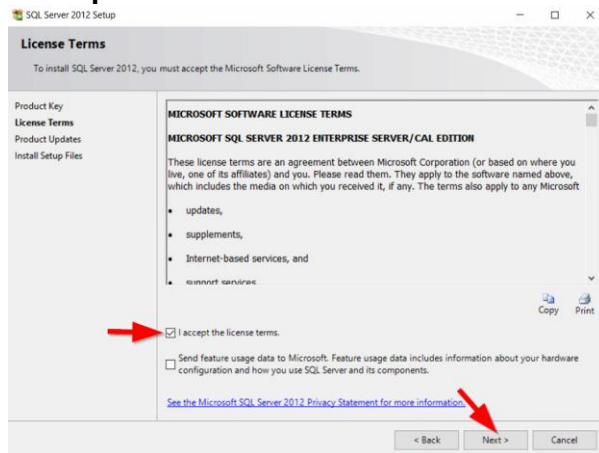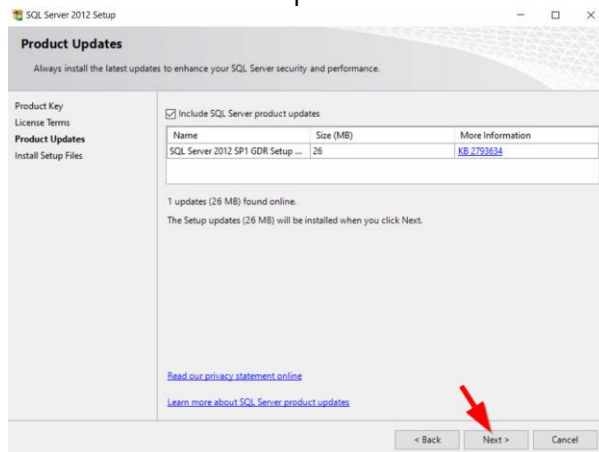

Click on **OK** button.

Select the **product key option** and click on **next** button.

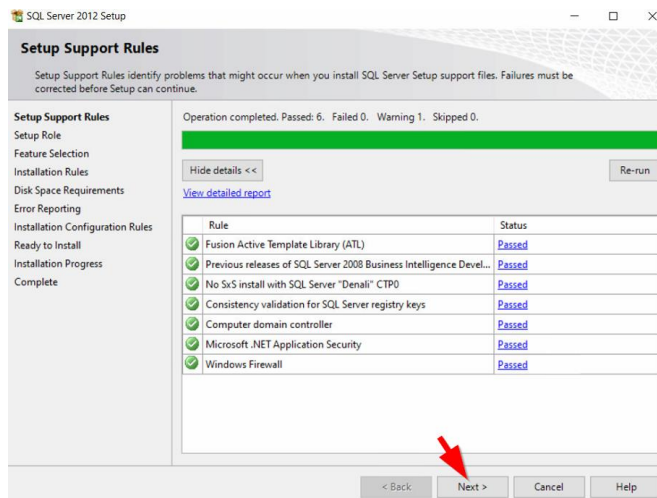Select **I accept the license terms** and click on **next** button.

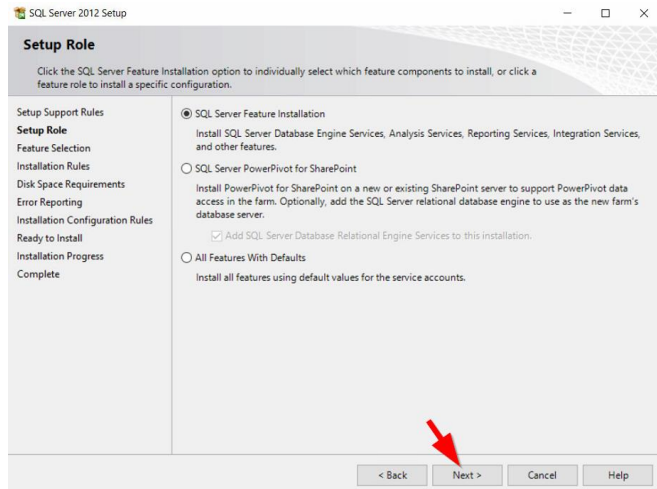Click on Next on Product Updates screen → Install Setup Files begins

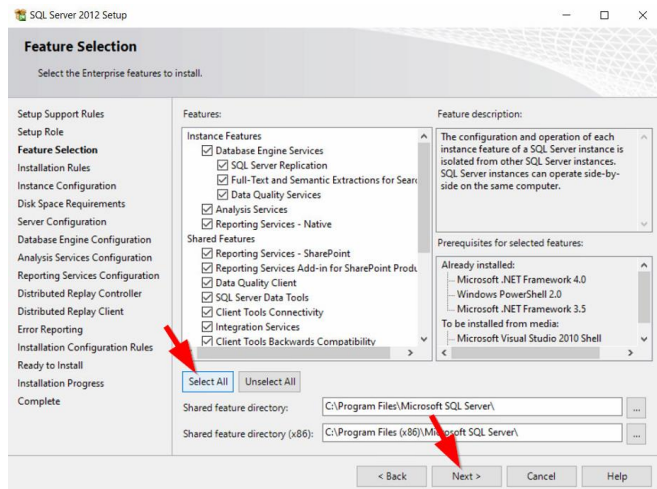Wait for updates to complete on **Install Setup Files** screen.

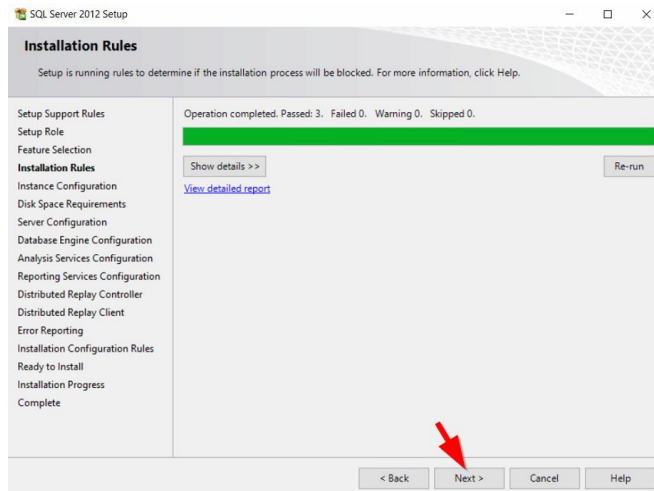Click on **next** button from below screen.

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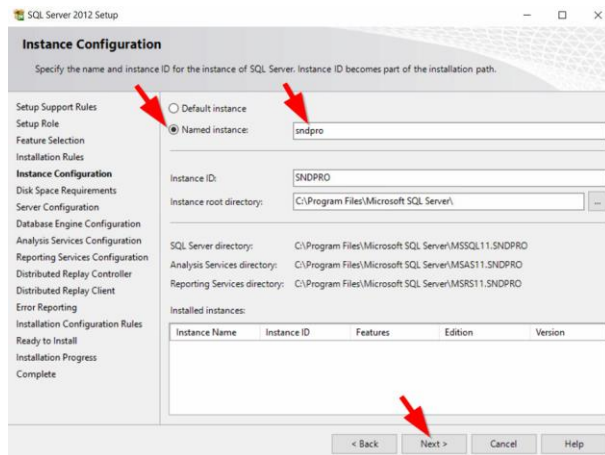Click on **next** button from below screen.

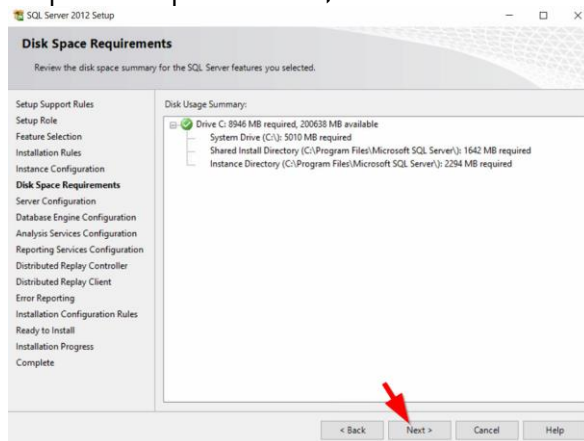Click on **Select All** button and then click on **next** button.

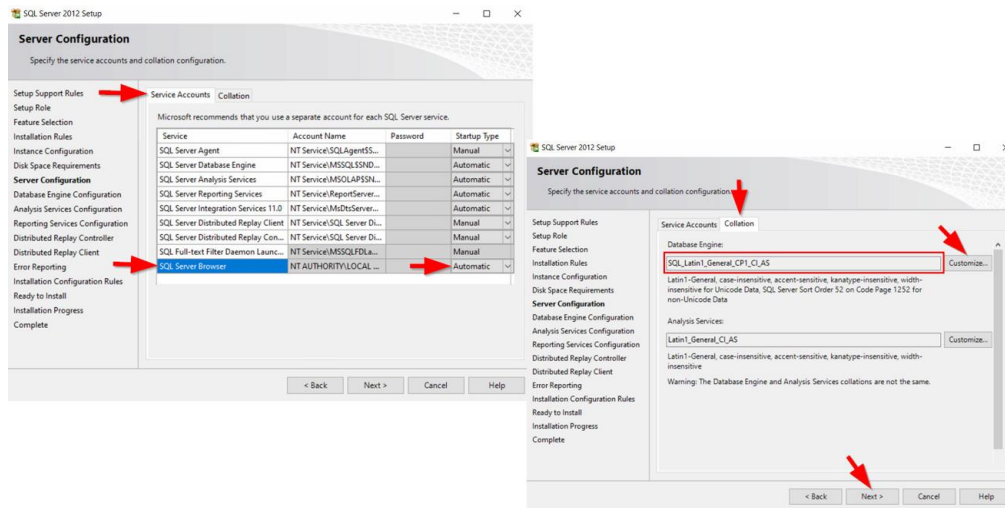Click on **Next** button on next screen.

Select **Named Instance** and type **sndpro** in the provided box.
Click on **next** button.

On Disk Space Requirements, click the **Next** button.

Click on **Service Accoun**ts and select **Automatic** for SQL Server Browser
Click on the **Collation tab** and select **SQL_Latin_General_CP1_CI_AS** from the customize button.
Click on **next** button.

Select **Mixed Mode (SQL Server authentication and Windows authentication)**
Enter the password (**uglbo@centegy**) and **confirmed** password
Click on **Add Current User** to see computer name appeared **(All-PC\All (All)**
Click on **next** button.
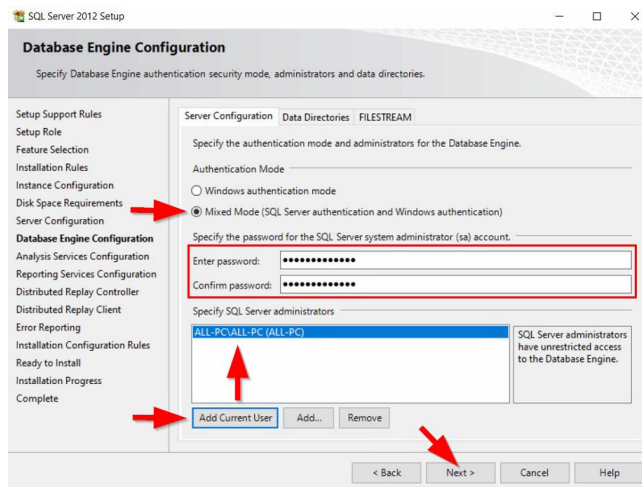
Click on **Add Current User** to see computer name appeared (e.g. **All-PC\All (All**)
Click on **next** button.
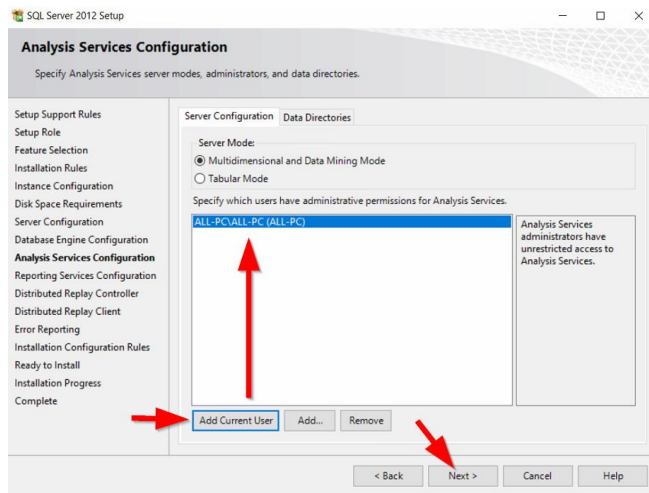
Click on **next** button.

Click on **Add Current User** to see computer name appeared **(e.g. All-PC\All (All)**
Click on **next** button.

Click on **next** button.
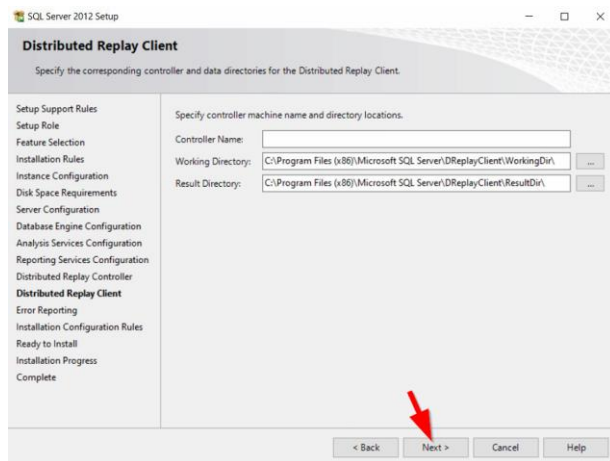
Click on **Next** button.
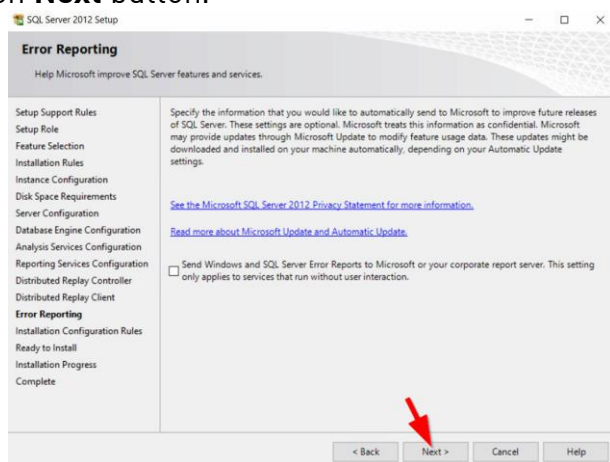
Click no **Next** button.
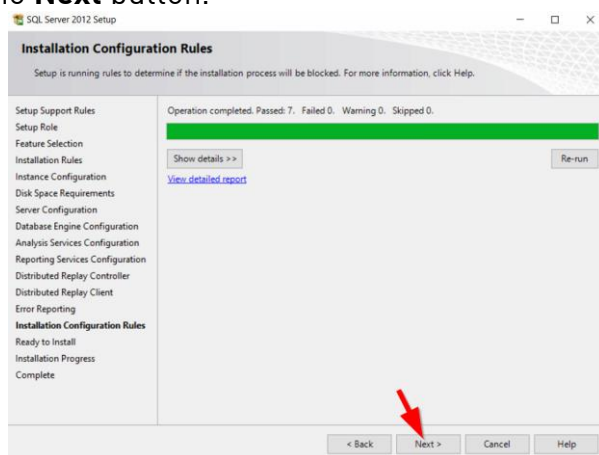
Click on **Install** button.
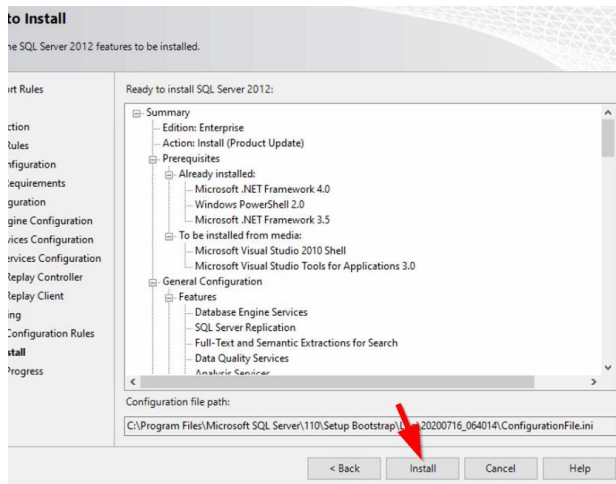
Installation in progress
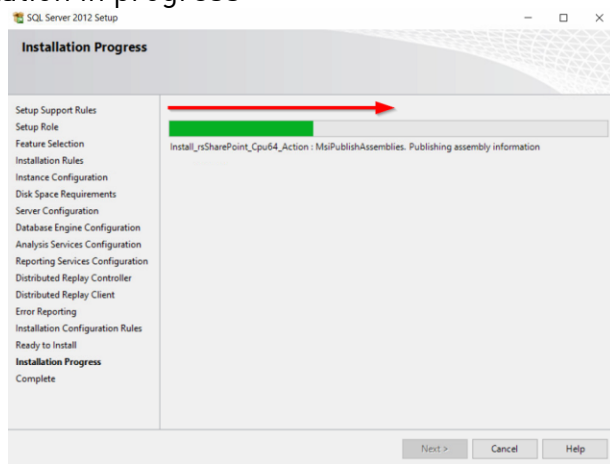
Click on **OK** when the below message appears to proceed on installation.
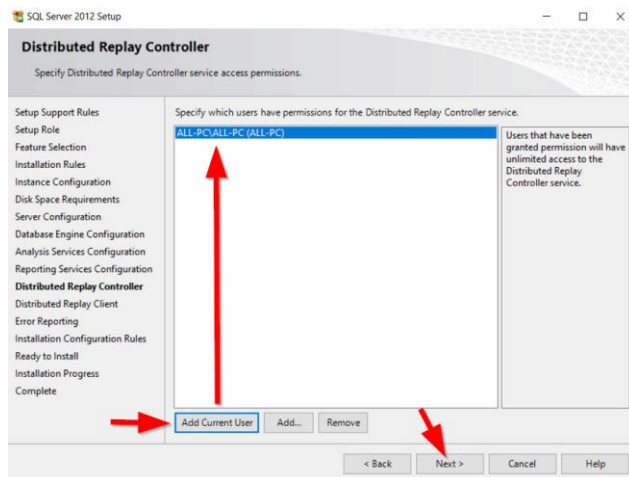

10
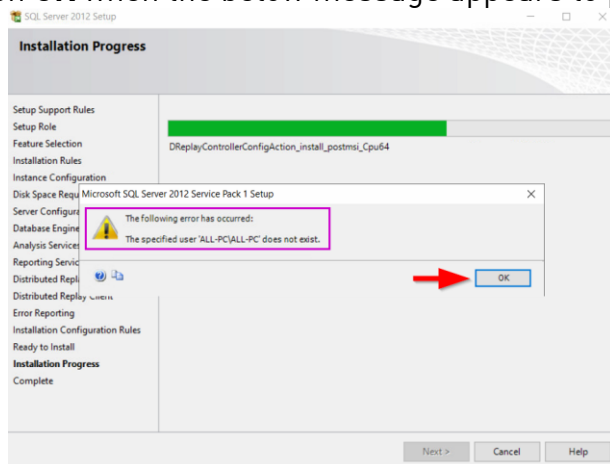
Installation completes successfully, click on **close** button.
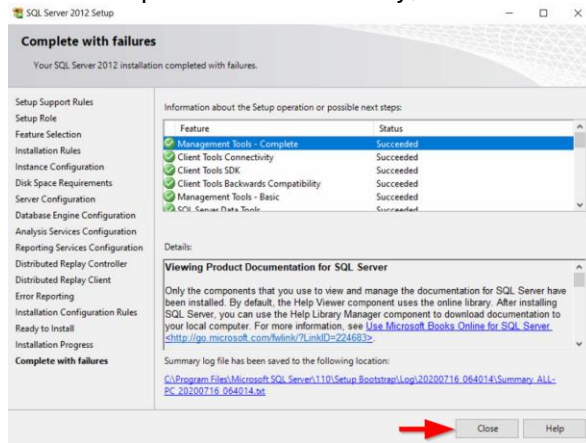
Close the **setup window**.
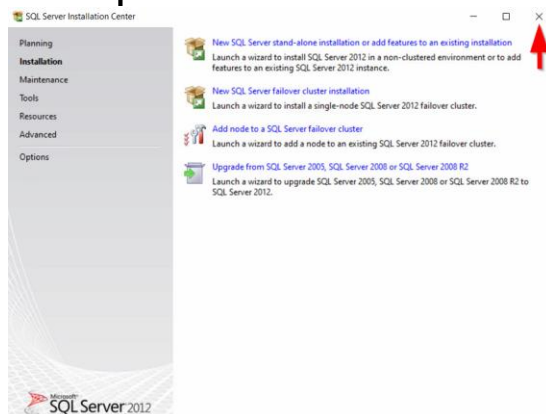
TO LOGIN AS SA

Note: *Search SQL Server Management Studio & Report Services Configuration Manager and pin on Taskbar or Start Menu for your work.*

1. Click on Start menu → Type *SQL Server* in the search box → Click on *SQL Server Management Studio* to open.
2. Select SQL Server Authentication from the authentication box
3. Type **sa** in the login text box and type **xxxxxxxxx** in the password box.
4. Click on connect button.
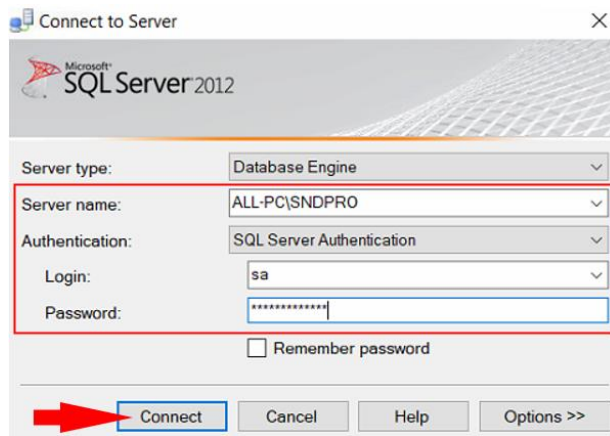
HOW TO CREATE A CUSTOMISED USER (sndpro)
1. Open Microsoft SQL →Expand Security→Right-click on Login → Click on New Login
2. In Login box, type sndpro
3. Checkmark SQL Server Authentication
4. Type **xxxxxxxxxx** in the password boxes.
5. Click on OK.
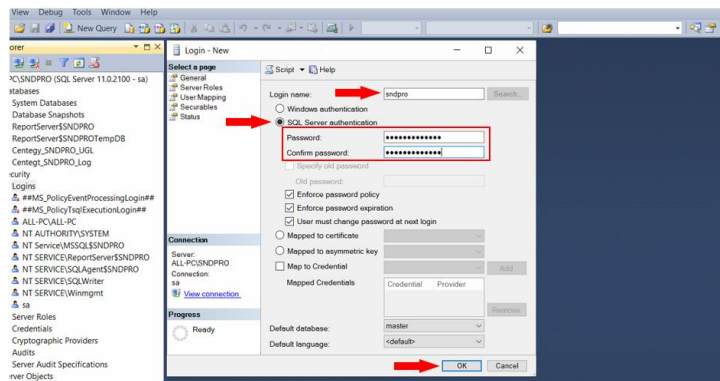
HOW TO LOGIN INTO USER SNDPRO
1. Click on **Disconnect** and **Connect** icons above.
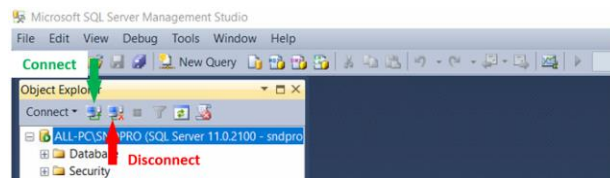
2. Type sndpro in the Login field
3. Enter password (xxxxxxxxxxx) in the password box
4. Click on Connect button.
5. Enter same password in the two (2) password fields.
6. Click on OK button.
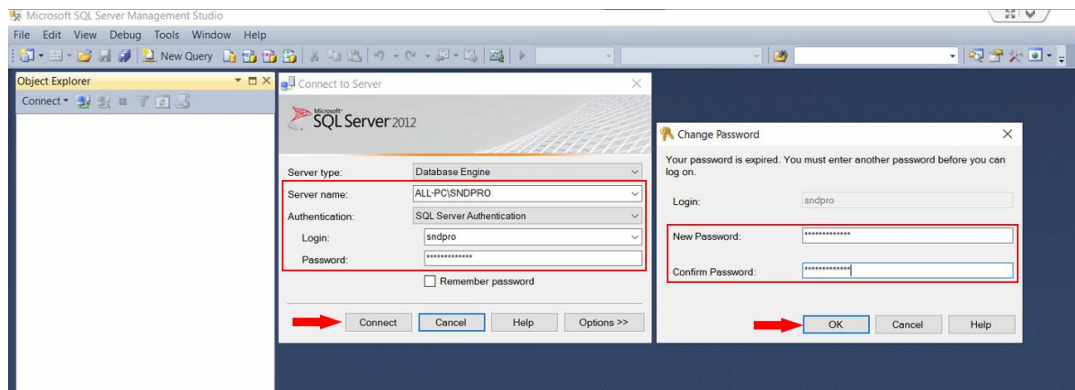
CREATING A NEW DATABASE (Centegy_SNDPRO_UGL) –based on country spec

1. Under **sa**, Right-click on Database → New Database
2. Type **Centegy_SNDPRO_UGL** in the database name box → OK
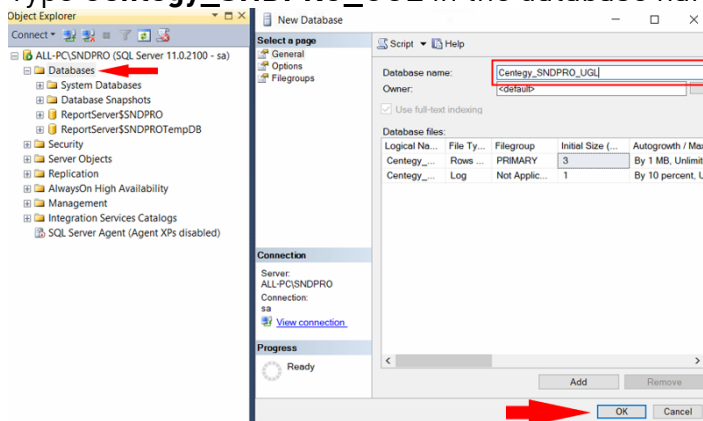
CREATING A NEW DATABASE (Centegy_SNDPRO_Log)

1. Under **sa**, Right-click on Database → New Database
2. Type **Centegy_SNDPRO_Log** in the database name box → OK
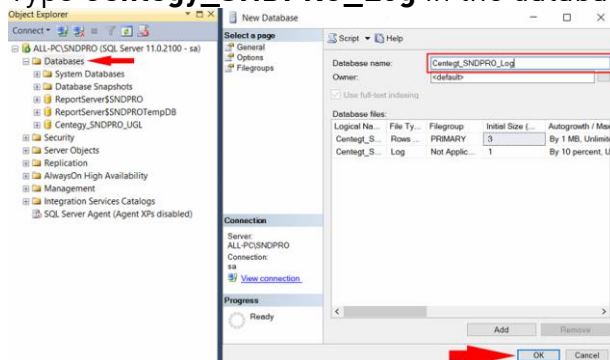
ATTACHING DB ON CENTEGY_SNDPRO_UGL–based on country spec

Open My Computer→ Local Disk → Program Files → Microsoft SQL Server → MSSQLSNDPRO → MSSQL → Open Backup folder and click continue to grant access.
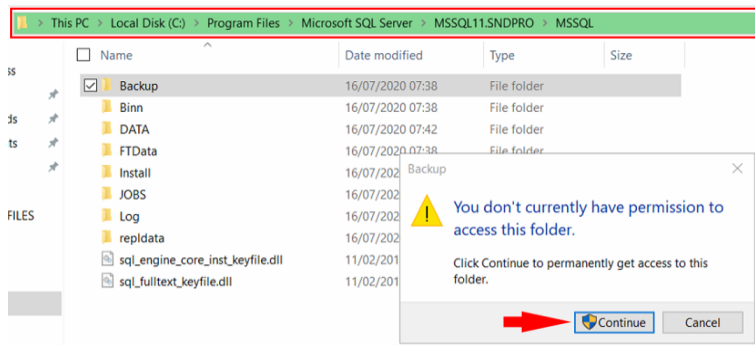
Paste the database as seen below in the backup.
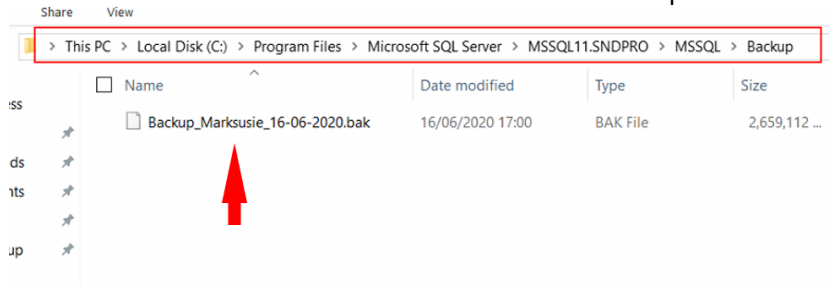
Open SQL → Expand Database → Right-click on Centegy_SNDPRO_UGL → Tasks → Restore → Click on Database.
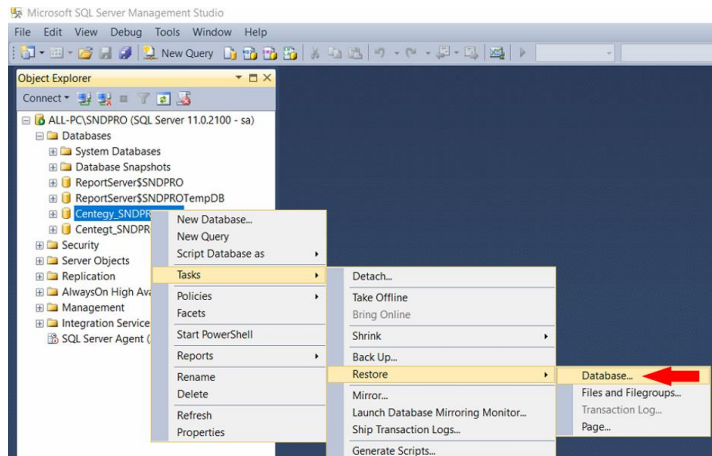
Under **General**, Click **Device option** → **Browse** button → **Add** button → Click **Database from right pane**. Click on **ok** button.

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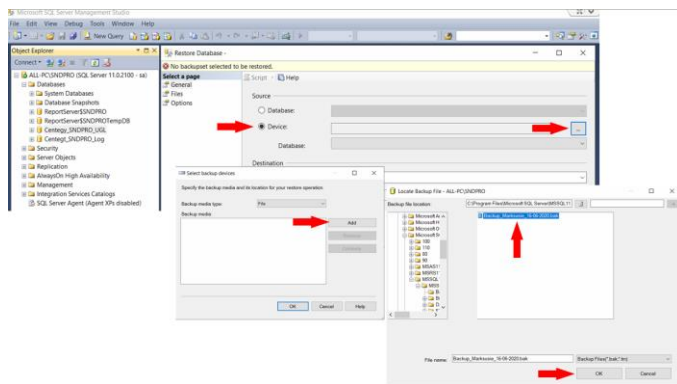
Click on Database as shown in **Red** selected area below. Click on **ok** button.
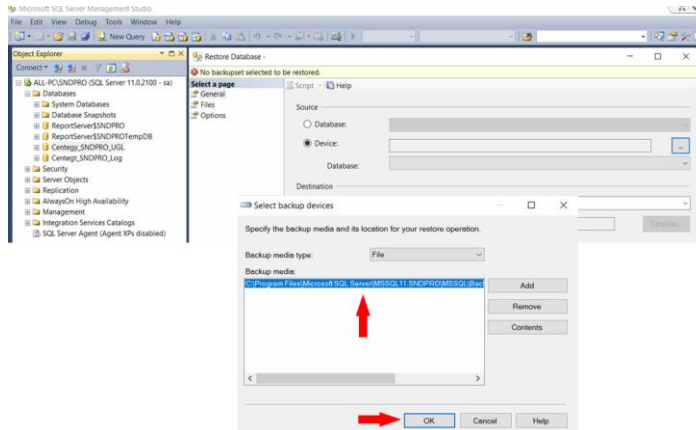
Database appears on the main restore page in selected green portion.
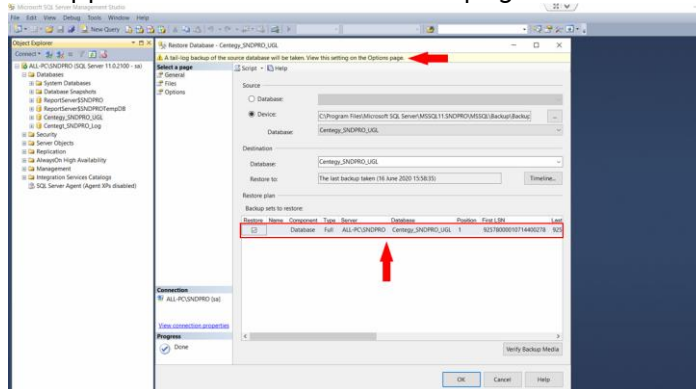
Under **Options**, Checkmark **Overwrite the existing database (WITH REPLACE)**
Uncheck **Take tail-log backup before restoring**.

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Click on **ok** button.
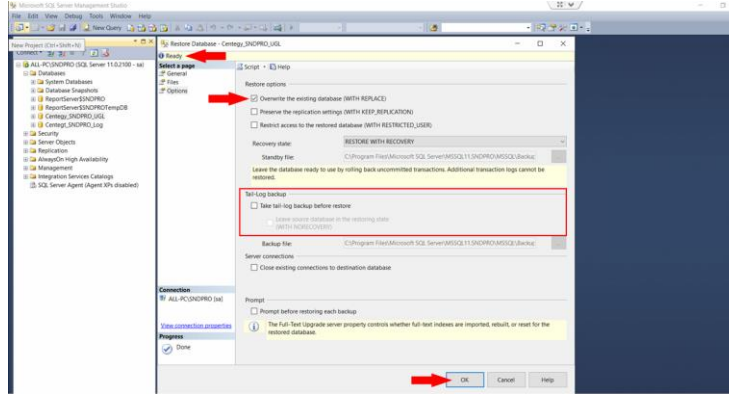
Database restoration in progress and must complete successfully as seen below.
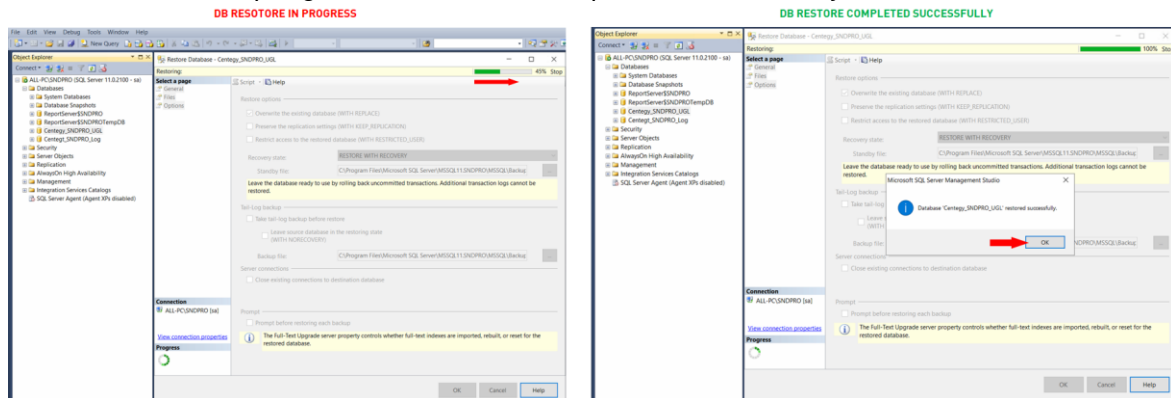
RESTORING LOG DATABASE ON CENTEGY_SNDPRO_LOG

Right-click on Centegy_SNDPRO_Log from Database in SQL
Point to Tasks → Restore → Database
Under General, Select Device option → Browse button → Add button and choose Centegy Database and Log → select log.bak and click on ok button.
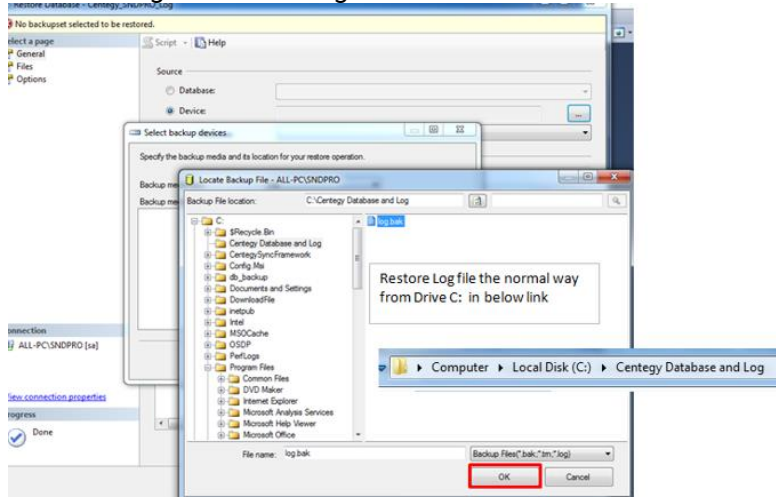
Under **Options**, **Checkmark Overwrite the existing database (WITH REPLACE)**

Uncheck **Take tail-log backup before restore**.

Click on **ok** button.

Log database restoration must be completed successfully. Click ok button.

MAKING SNDPRO OWNER ON CENTEGY_SNDPRO_UGL

Login into sa → Expand Database → Right-click on Centegy_SNDPRO_UGL → Click on Properties → Click on Files from the top left → Click on option browse button aside Owner → Click Browse → Scroll down and checkmark [sndpro] → OK → OK → OK

Very important to be done

TO DISCONNECT AND RECONNECT DATABASE

Click on disconnect icon on standard bar and click on connect icon on standard bar to check if you can re-login. Enter password.

Very important

On KDs system after login, sa and sndpro at backend and completing all necessary setups, remember to uncheck **Remember Password** checkbox for both sa and sndpro.

CREATING VIRTUAL DIRECTORY
Setting Administrator Password. (My Computer)

Right-click on My Computer → Manage → Expand Local Users and Groups → Click on Users →Double-click on Administrator → Uncheck the **Account is disabled** box → OK

Right-click on Administrator → Set Password → Click on Proceed → Enter password (**123456**) and confirm → Click on OK and OK again → Close

Creating Application Pool

Start →type **inetmgr** in search box and press enter.

Expand computer name → Right-click on Application Pool → Add Application Pool

Type sndpro in the name box → Under .NET CLR version, select **.NET CLR Version v2.0.50727** → Click and select Classic in the Managed Pipeline Mode → OK

Click on Application Pool → Right-click on sndpro →Advanced Settings → Click to select **True** in Enable 32-bit Application

In **Process Mode**, Select Identity → Click on the Browse button → Under Built-in account, select **ApplicationPoolIdentity**.

Click on OK →OK.

Right-click on **DefaultAppPool** on top of sndpro → Click on Basic Settings → Under .NET CLR version, select **.NET CLR Version v2.0.50727** → OK

Click on Application Pool → Right-click on sndpro →Advanced Settings → Click to select **True** in Enable 32-bit Application

In **Process Mode**, Select Identity → Click on the Browse button → Under Built-in account, select **ApplicationPoolIdentity**. Click on OK →OK.

Virtual Directory for sndpro

Expand PC name and Site→ Right-click on Default Website → Select Add Virtual Directory → Type **sndpro** in alias text box → At Physical Path, click the browse button
On drive C: open OSDP folder → Applications folder → Select **Backoffice** folder → OK →OK
Right-click on sndpro → **Convert to Application**→ click on **select** button
Under Application Pool, click the dropdown arrow and select sndpro → OK →OK

GIVEN RIGHT TO SNDPRO
Expand the Default Website → Right-click on sndpro → Edit Permission → Security → Edit → Add → Type **Everyone**→ OK → Check Full Control → OK →OK

GIVEN RIGHT TO DRIVE C:
NB: Close all running Programs
Start → My Computer → Right-click on drive C: → Properties → Security → Edit → Add → Type Everyone → OK → Checkmark Full Control → OK → Yes → OK

GIVEN RIGHT TO MICROSOFT SQL SERVER
Start → My Computer→ open drive C: → Program Files → Right-click on Microsoft SQL Server → Properties → Security →Edit →Add → Type Everyone → OK → Check Full Control → OK →OK

DEPLOYMENT OF SECURITY FOLDER
Start → My Computer → drive C: → OSDP → Applications → BackOffice → Open Security folder → Right-click on reg_SHMA_snd and run as Administrator → OK

Create Sndpro Folder on Drive C: And Give Right
Start → My Computer → Drive C: → Create a folder call **sndpro**
Right-click sndpro → Properties → Security → Edit → Add → Everyone → OK → Check Full Control → OK →OK

BEFORE ENCRYPTING WEB CONFIG.
Kindly ensure these values point to the addresses as shaded in below in the **web.config** in BackOffice folder.
<add key="domainForReportsBI" value=**"ALL-PC"** />
<add key="ReportServer" value=**"http://ALL-PC/ReportServer_SNDPRO"** />

```
<add key="POPAdditionalFields" value="ADDRESS" />
<add key="domainForReportsBI" value="ALL-PC" />
<add key="UserNameForReportsBI" value="administrator" />
<add key="PasswordForReportsBI" value="123456" />
<add key="ReportServer" value="http://ALL-PC/ReportServer_SNDPRO" />
<add key="TrgAdditionalFields" value="02" />
<add key="OutPut_Medium" value="1" />
<add key="Log_Location" value="D:\APP_LOGS" />
```

Encrypting Web Config

Open Web config from Backoffice with notepad, check and close document

Copy the connection string text from notepad and paste to overwrite the one in Web CONFIG file in BackOffice folder.

Type CMD in the search box at the start menu → Right-click **CMD**→ Run as Administrator → Yes

Type **Cd..**→ Enter **Cd..**→ Enter → Right-click the title bar → Point to Edit and paste → Enter

Type **iisreset** in search box → Right-click on iisreset and run as Administrator

TO BROWSE SNDPRO ON IIS (INTERNET INFORMATION SERVICES)

Start → IIS → Open → Expand PC name → Expand Sites → Expand Default Website → Click on sndpro → Click on **Browse *.80 (http)** at the right pane to open as below.

NB:

After browsing copy the link → go to Options → Paste in address box → Click on OK

DEPLOYMENT OF REPORTS (SND)

Start → My Computer → OSDP → Applications → BackOffice → Right-click SHMA Deployment Utility → Run as Administrator → Yes

Go to Browser →drive C: BackOffice →Open SNDReport → Select All → Open → Click Deploy → OK → Close.

DEPLOYMENT OF FINANCIAL REPORT

Start → Type **%APPDATA%** in search box → Enter → Open Microsoft folder to see if **AddIns** is in.

Copy **MyCustomFunctions** file from DownloadFile folder and paste in **AddIns** folder.

GIVEN RIGHT TO ADDINS FOLDER

Right-click on AddIns → Properties →Security → Edit → Add → Type Everyone →OK→ Check Full Control →OK →OK

Type **regedit** in search box → Enter → Yes → Expand **HKEY_CLASSES_ROOT**→ Click on any folder and type **WOW** to select **WOW6432**→ Expand WOW6432 → Expand **CLSID**

Ctrl + F → type **00024500** and enter to select **00024500-0000-0000-C000-000000000046**

Right-click on **00024500-0000-0000-C000-000000000046**→ **C**lick on Permission→ Add → Everyone → OK → Check Full Control → OK

Drive C: Windows → SysWOW64 → Config → Continue → Systemprofile → Continue → Create a folder call **Desktop**→Right-click on the Desktop folder → Properties → Edit → Add → Everyone → OK → Check Full Control → Close

TO LINK FINANCIAL MODULE TO EXCEL

Open Excel → Office button → Excel Options.

Under Popular, check **show developer tab in the Ribbon**

Under AddIns, click on dropdown arrow and select **Excel Add-Ins**→ click on Go button → Check **MyCustomFunctions**→OK

Click on Developer Tab → Visual Basic → Expand VBAProject → type password (**centegytech**) →OK

Expand Modules → double-click on Module1 → Change the **conn** letter to root letter (**C:**) → Save & close

TO LINK DOWNLOADFILE FOLDER TO BACKOFFICE

Open IIS → Expand to aspnet_client → Right-click on sndpro → Manage Applications → Advanced Settings → Physical Path Credentials → Click Browse button → Enter **administrator** and passcode (123456) → Confirm and click on OK

DEPLOYING MAIN FINANCIAL REPORT FILES

Open OSDP → Applications → Backoffice → Locate and right-click on SHMA Report Deployment Utility → Run as Administrator →Yes → Browse → Financial Reports → Open → Select All → Open → Deploy → Ok and close application.
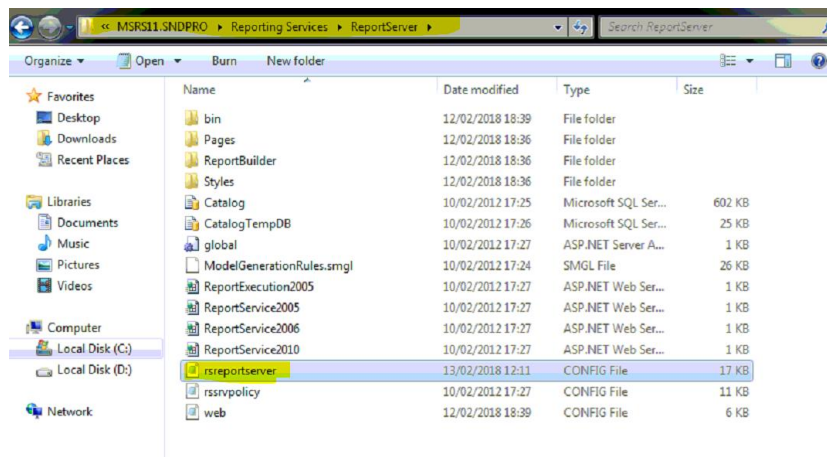
Type **iisreset** in search box →Right-click and Run as Administrator → Yes

CONFIGURING REPORT FUNCTIONALITY IN SQL STANDARD EDITION

Open ReportServer through the below process

C:\ProgramFiles\MicrosoftSQLServer\MSRS11.SNDPRO\Reporting\Services*ReportServer*

Click Continue button.

Open the *ReportServer* file highlighted above and Search *RSWindows* as shown in the search dialogue box

Configure as shown below.

Tag < **RSWindowsNegotiate/**> under <RSWindowsNegotiate/>

<p align="center">***<RSWindowsNTLM/>***</p>

<RSWindowsNegotiate/>
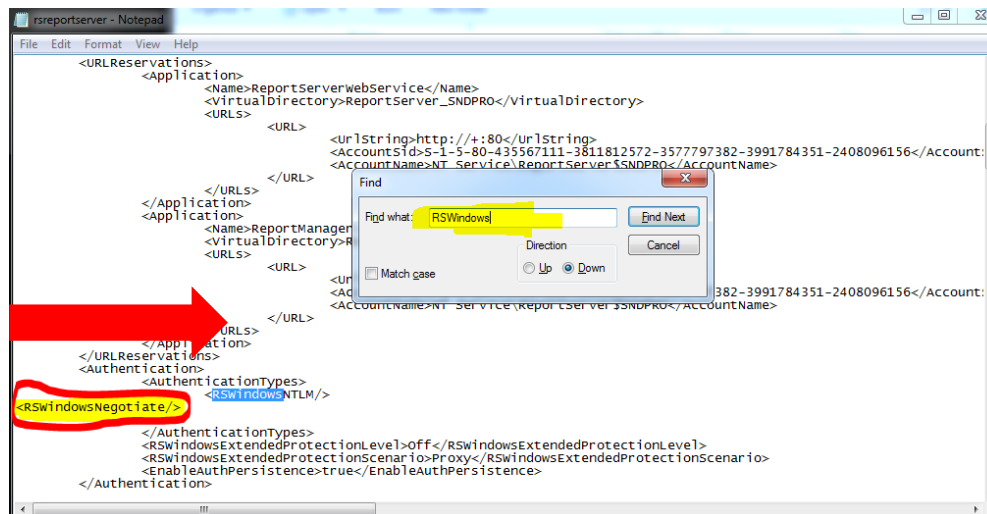
When done save the file and close it. Deploy the reports and then run IISRESET.

REPORT SERVER CONFIURATION SETUP

Click on the Start Menu → Type Reporting Services and Configuration Manager → Click on **Report Services Configuration Manager**

Click **YES** to continue

Click on **Connect** button.

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Click on **Stop** button. After completion click on **Start** button to run successfully.

Click on **Web Service URL**

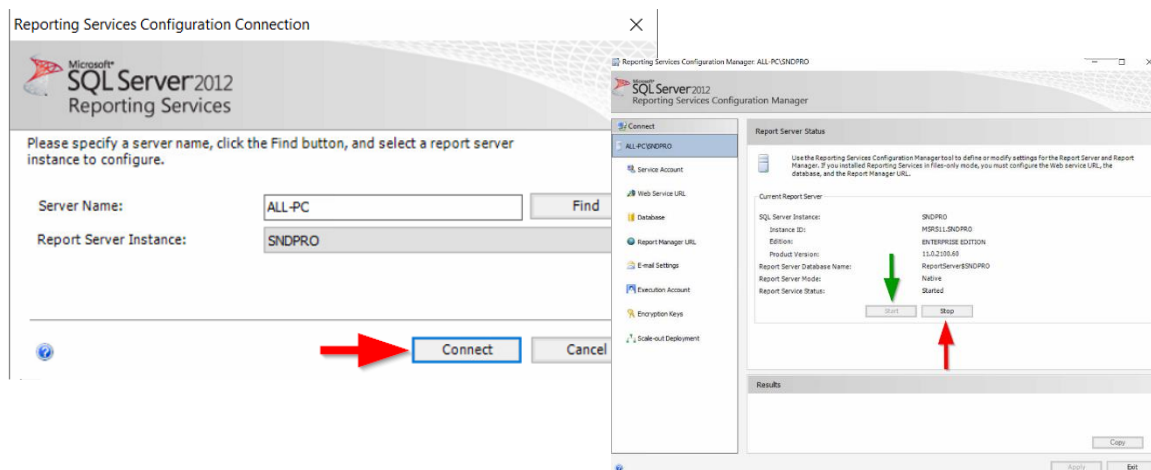Click on the link below **(http://ALL-PC:80/ReportServer SNDPRO)**
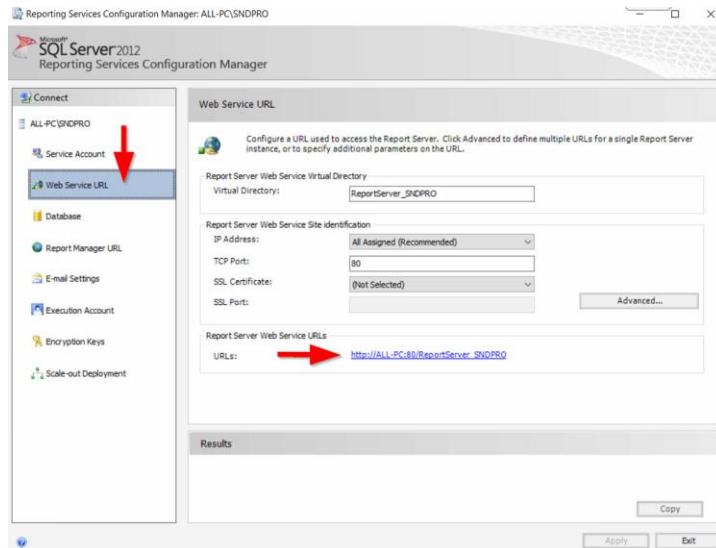
From the dialog box below, enter the details and click on **OK**.

Username: administrator

Password: 123456

Click to select "**Never Remember Password for This Site**" from the dropdown list.

Allow the page to load successfully by seeing the image below.

Click on **SNDReports** spelt in blue to open files.

all-pc/ReportServer_SNDPRO - /SNDReports

[To Parent Directory]
```
        Friday, July 17, 2020 5:23 AM       45372 centegyLogo.png
        Friday, July 17, 2020 5:26 AM      120844 Customer Ledger and Balance Report
        Friday, July 17, 2020 5:23 AM      563330 DSR_settlement_SubReport
        Friday, July 17, 2020 5:23 AM        1260 Green.png
        Friday, July 17, 2020 5:23 AM         861 GreenS.png
        Friday, July 17, 2020 5:23 AM        3583 gridHeaderBG.png
        Friday, July 17, 2020 5:23 AM        1116 gridHeaderBGGray.png
        Friday, July 17, 2020 5:23 AM        1304 gridHeaderGreen.png
        Friday, July 17, 2020 5:23 AM        1257 gridHeaderGreen2.png
        Friday, July 17, 2020 5:23 AM        1410 gridHeaderGreen3.png
        Friday, July 17, 2020 5:23 AM        1219 gridHeaderGreen4.png
        Friday, July 17, 2020 5:23 AM        1507 headerBG.png
        Friday, July 17, 2020 5:26 AM      225670 Incentive Detail Report
        Friday, July 17, 2020 5:23 AM      280238 NGDMS CR 4P Outlet Product Group View
        Friday, July 17, 2020 5:23 AM      854137 NGDMS CR 4P Outlet Summary View
        Friday, July 17, 2020 5:23 AM      251328 NGDMS CR 4P Outlet View
        Friday, July 17, 2020 5:23 AM      259878 NGDMS CR 4P Salesman Summary View
        Friday, July 17, 2020 5:23 AM      305454 NGDMS CR Annual Sales
        Friday, July 17, 2020 5:23 AM      259241 NGDMS CR Average Growth
        Friday, July 17, 2020 5:23 AM      358549 NGDMS CR Daily Sales Summary
        Friday, July 17, 2020 5:23 AM      207835 NGDMS CR DT Coverage IQ View
        Friday, July 17, 2020 5:23 AM      188327 NGDMS CR DT Coverage Month View
```
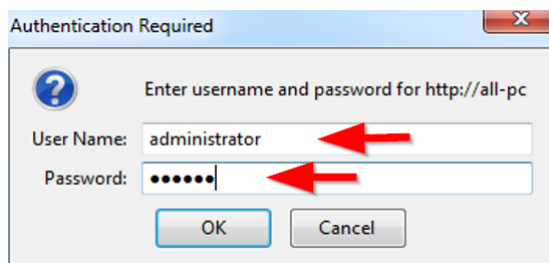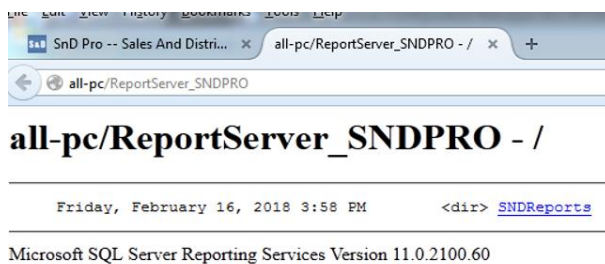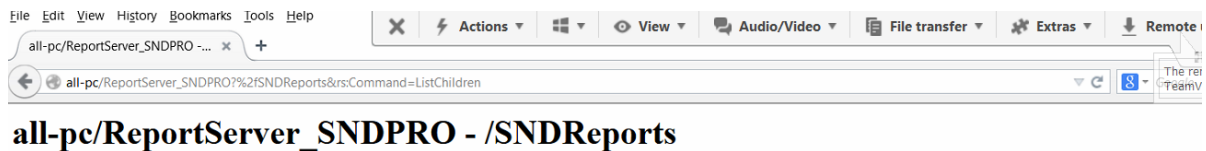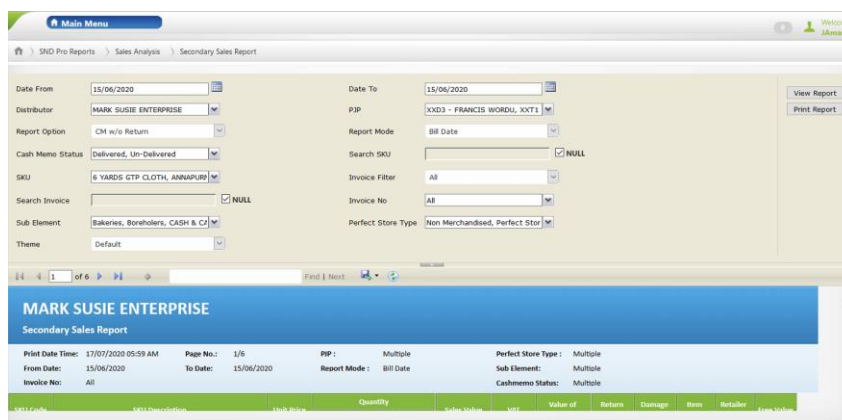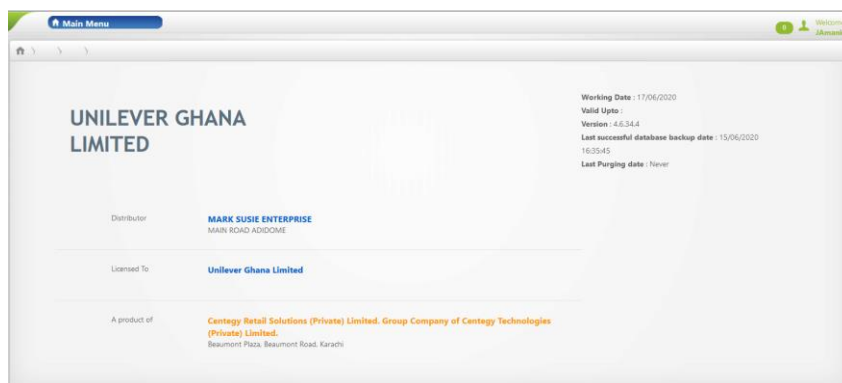
You can close the Report Services Configuration Manager after seeing page.

Now Login to sndpro → Generate any report and see if it is successful or not.

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SETUPS FOR BELOW REMAIN SAME AS CURRENTLY DONE

1. QUICKSYNC
2. INTEGRATOR
3. APPDATE
4. SERVICES

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