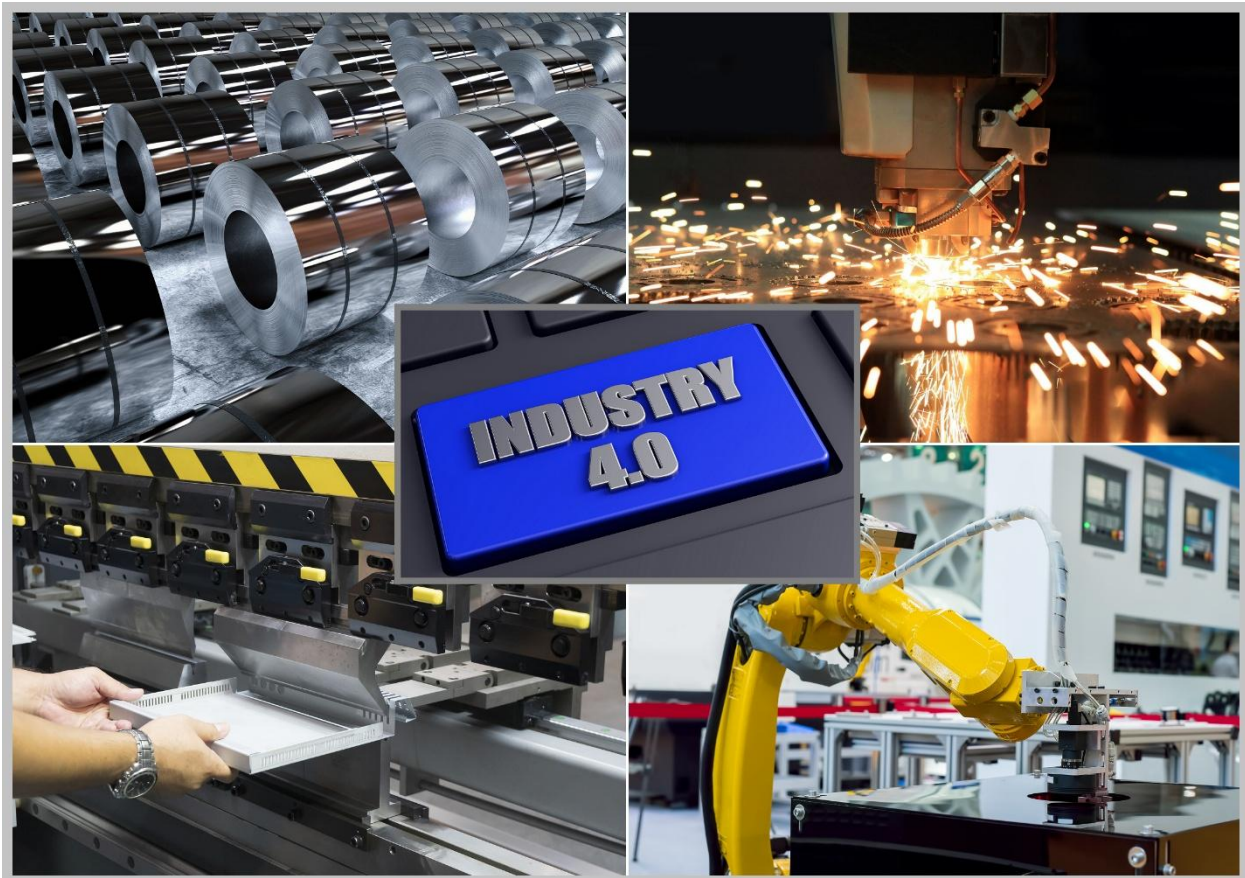




Global Edge® Engineering Assistant

Software Installation Guide (Windows 11)

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Section 1 (Software Installation Guide)

Global Edge® Engineering Assistant includes various software modules and components that need to be installed.

Software Installation Outline

The following outlines the installation sections for the *Global Edge® Engineering Assistant*:

-  **Section 1.1: IBM Informix Dynamic Server Database Software Installation**
 - [1.1.01 – Install IBM Informix Dynamic Server Version 14.10](#) – (Refer to Page 4)
-  **Section 1.2: Create Database / Load Data**
 - [1.2.01 – Create LDC Database](#) – (Refer to Page 27)
 - [1.2.02 – Create Database Tables](#) – (Refer to Page 31)
 - [1.2.03 – Load Standard / Default Data](#) – (Refer to Page 34)
-  **Section 1.3: Install / Configure ODBC Driver Software**
 - [1.3.01 – Install IBM Informix ODBC Driver Version 4.50](#) – (Refer to Page 39)
 - [1.3.02 – ODBC Driver Setup](#) – (Refer to Page 44)
-  **Section 1.4: Install Global Edge Software**
 - [1.4.01 – Install Genero Run-Time Software](#) – (Refer to Page 49)
 - [1.4.02 – Install Genero Desktop Client Software](#) – (Refer to Page 55)
 - [1.4.02 – Install Engineering Assistant Software Module](#) – (Refer to Page 68)
 - [1.4.03 – Install SolidWorks CAD Interface Software Module](#) – (Refer to Page 69)

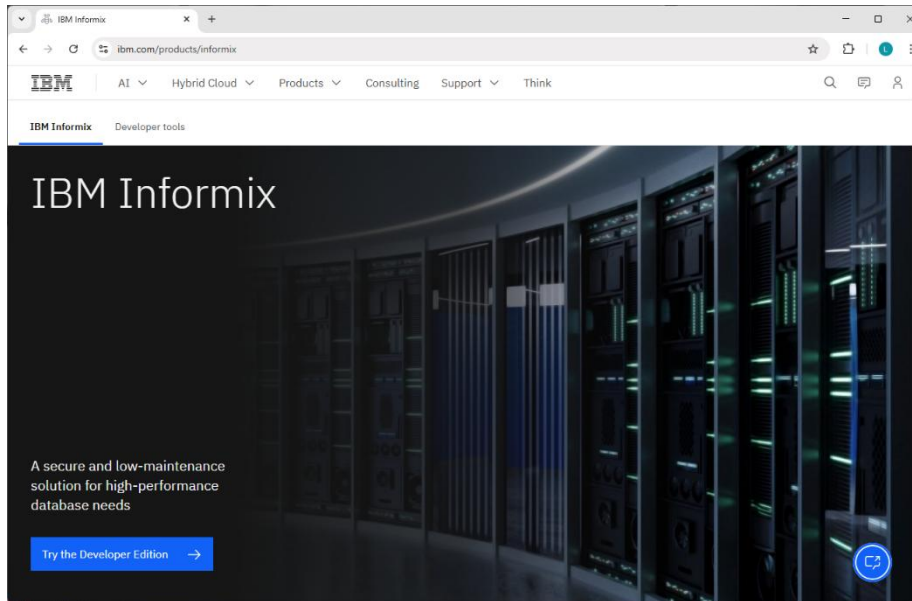
Section 1.1: IBM Informix Dynamic Server Database Software Installation

The following procedures are for installing the **IBM-Informix Dynamic Server** software (Version 14.10):

1.1.01 – Install IBM Informix Dynamic Server Version 14.10

1. Access the “**IBM Informix**” website with the below URL which will display the following webpage. Select “**Try the Developer Edition**” option:

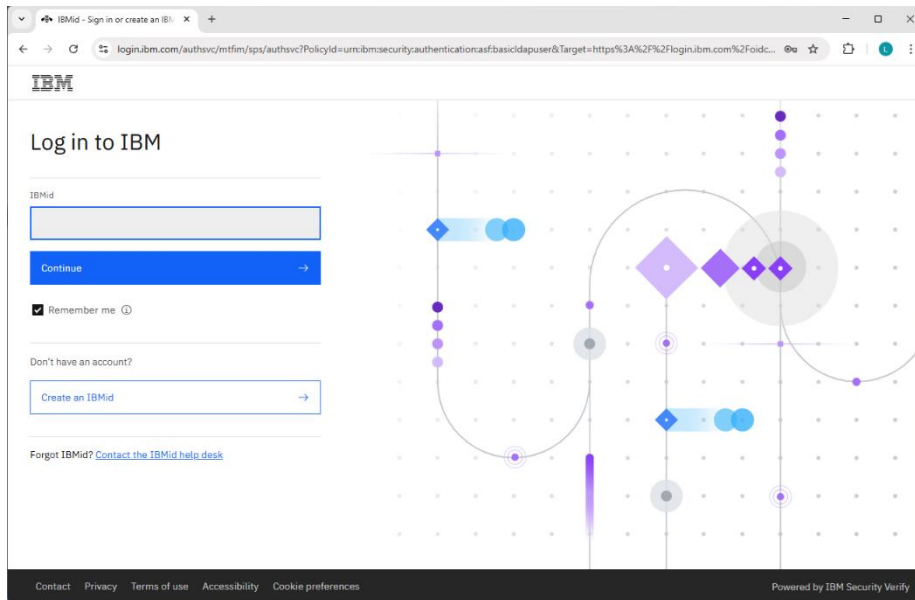
<https://www.ibm.com/products/informix>



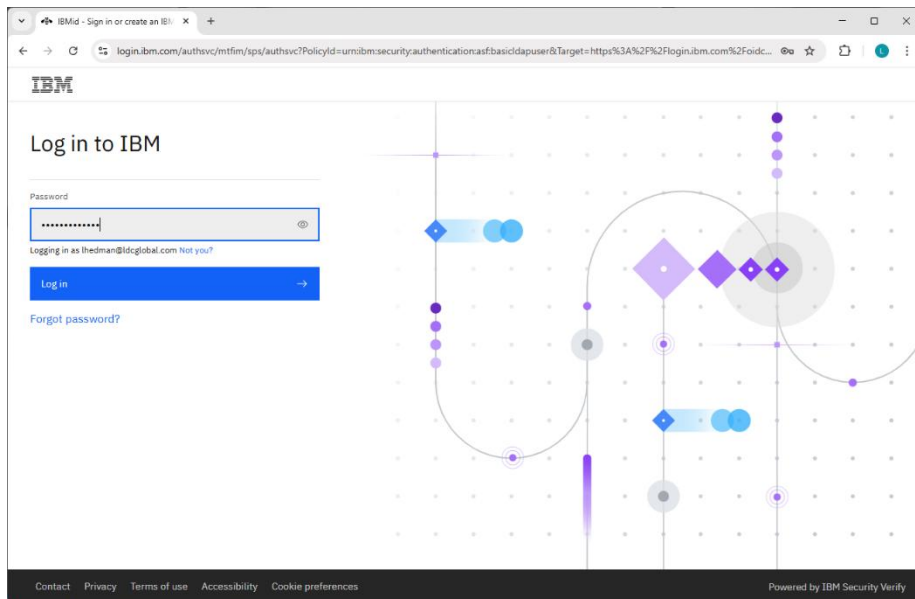
2. This will display the following webpage where you will then need to register your company with IBM by completing the following information:

A screenshot of the IBM Informix Developer Edition registration page. The page is titled 'Download IBM Informix Developer Edition' and lists highlights such as 'Core limit: 4 cores', 'Memory limit: 16 GB', and 'Storage limit: 8 GB'. On the right side, there is a 'Business Contact Information' section with fields for 'Business email', 'Password', 'First name', 'Last name', 'Country or region of residence' (set to 'United States of America'), and 'State or province (optional)' (set to 'Wisconsin'). A 'Next' button is located at the bottom of the form.

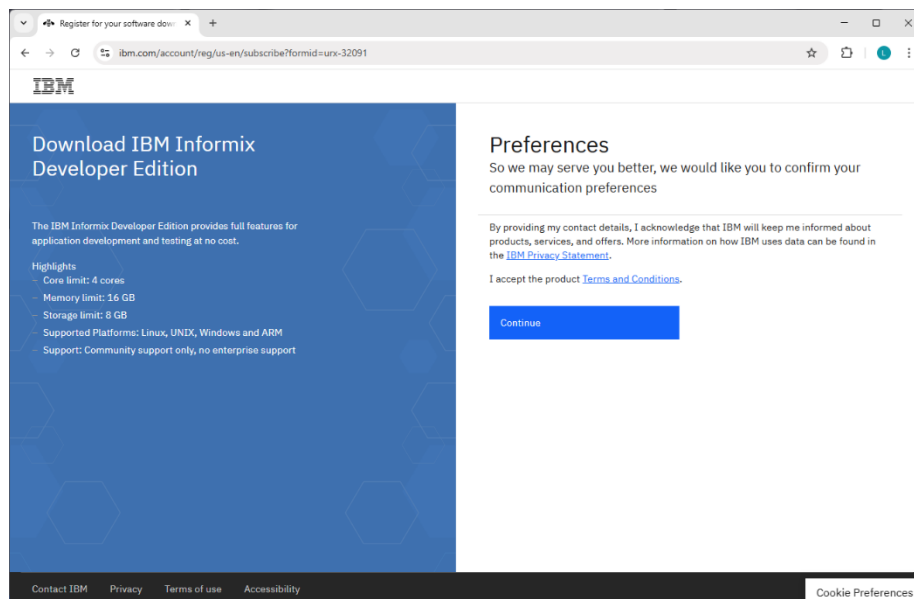
3. Once you are registered, select **“Log in”** which will display the following webpage:



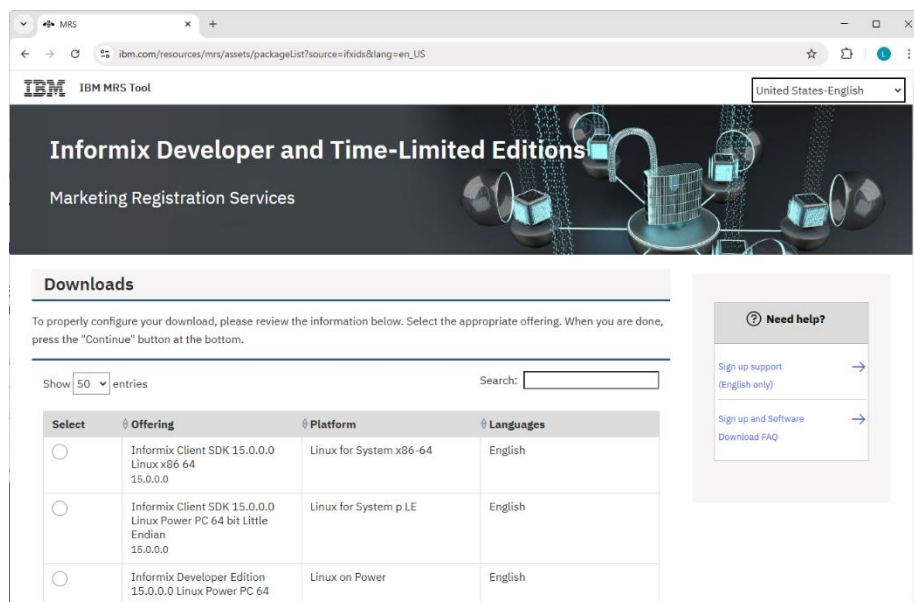
4. Enter **“Password”** on the following webpage:



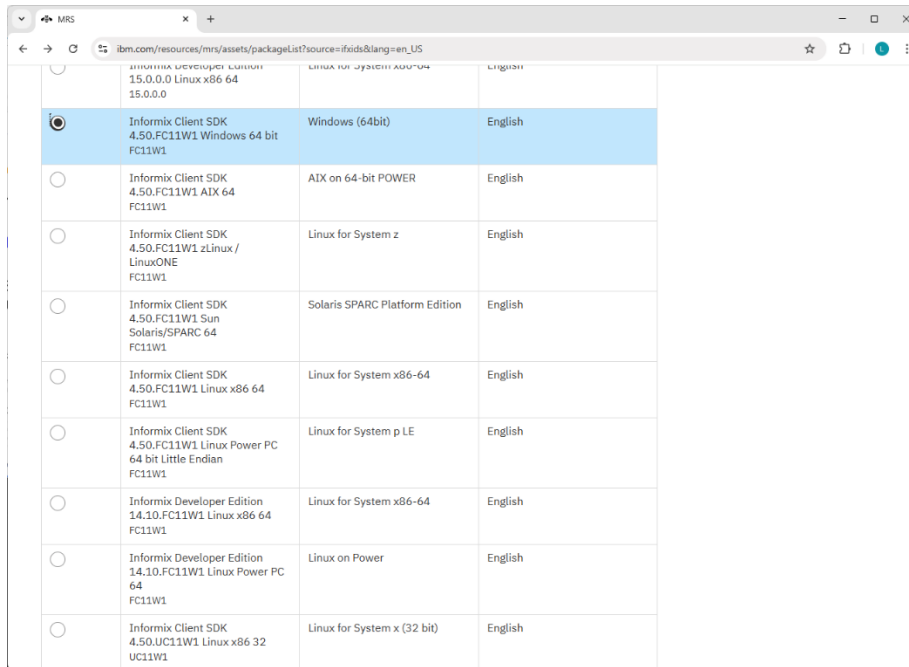
5. This will display the following webpage, then select **“Continue”** to continue to the next webpage:



6. This will display the **“Downloads”** page. Select option to **“Show 50 entries”**:

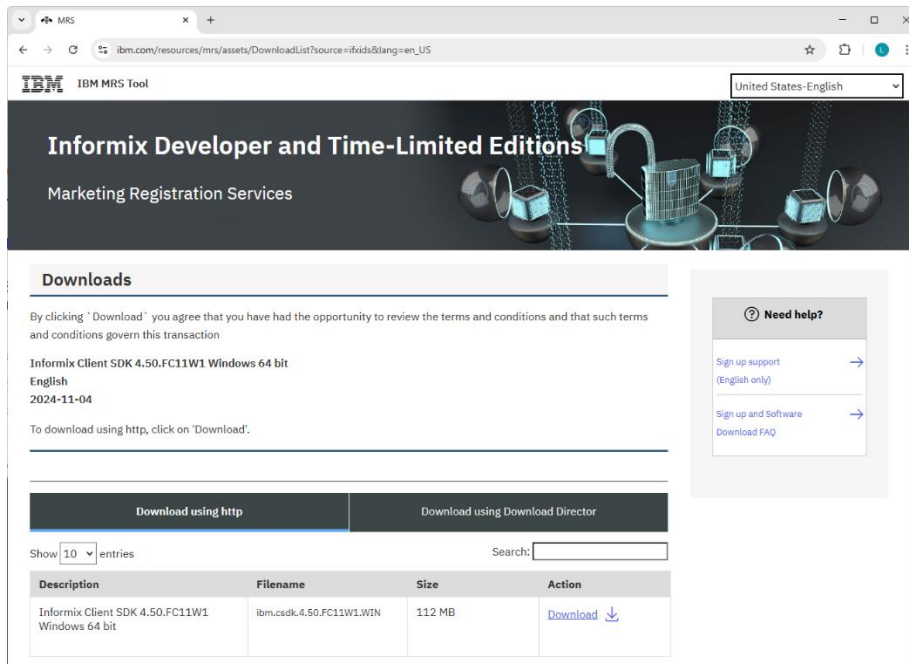


7. Scroll down and select **“Informix Client SDK 4.50.FC11W1 Windows 64 bit FC11W1”**, followed by **“Continue”** to proceed with the software download process:



	Product Name	Platform	Language
☒	Informix Client SDK 4.50.FC11W1 Windows 64 bit FC11W1	Windows (64bit)	English
☐	Informix Client SDK 4.50.FC11W1 AIX 64 FC11W1	AIX on 64-bit POWER	English
☐	Informix Client SDK 4.50.FC11W1 zLinux / LinuxONE FC11W1	Linux for System z	English
☐	Informix Client SDK 4.50.FC11W1 Sun Solaris/SPARC 64 FC11W1	Solaris/SPARC Platform Edition	English
☐	Informix Client SDK 4.50.FC11W1 Linux x86 64 FC11W1	Linux for System x86-64	English
☐	Informix Client SDK 4.50.FC11W1 Linux Power PC 64 bit Little Endian FC11W1	Linux for System p LE	English
☐	Informix Developer Edition 14.10.FC11W1 Linux x86 64 FC11W1	Linux for System x86-64	English
☐	Informix Developer Edition 14.10.FC11W1 Linux Power PC 64 FC11W1	Linux on Power	English
☐	Informix Client SDK 4.50.FC11W1 Linux x86 32 UC11W1	Linux for System x (32 bit)	English

8. This will display to following screen and select **“Download”** to start the download process:



IBM MRS Tool United States-English

Informix Developer and Time-Limited Editions

Marketing Registration Services

Downloads

By clicking "Download" you agree that you have had the opportunity to review the terms and conditions and that such terms and conditions govern this transaction.

Informix Client SDK 4.50.FC11W1 Windows 64 bit
English
2024-11-04

To download using http, click on 'Download'.

[Download using http](#) [Download using Download Director](#)

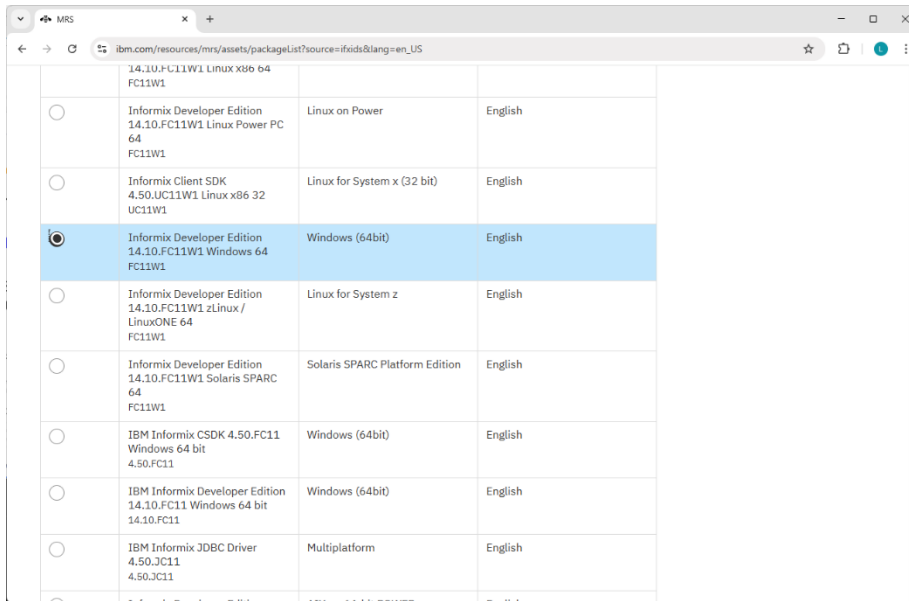
Show 10 entries Search:

Description	Filename	Size	Action
Informix Client SDK 4.50.FC11W1 Windows 64 bit	ibm.csdk.4.50.FC11W1.WIN	112 MB	Download

Need help?

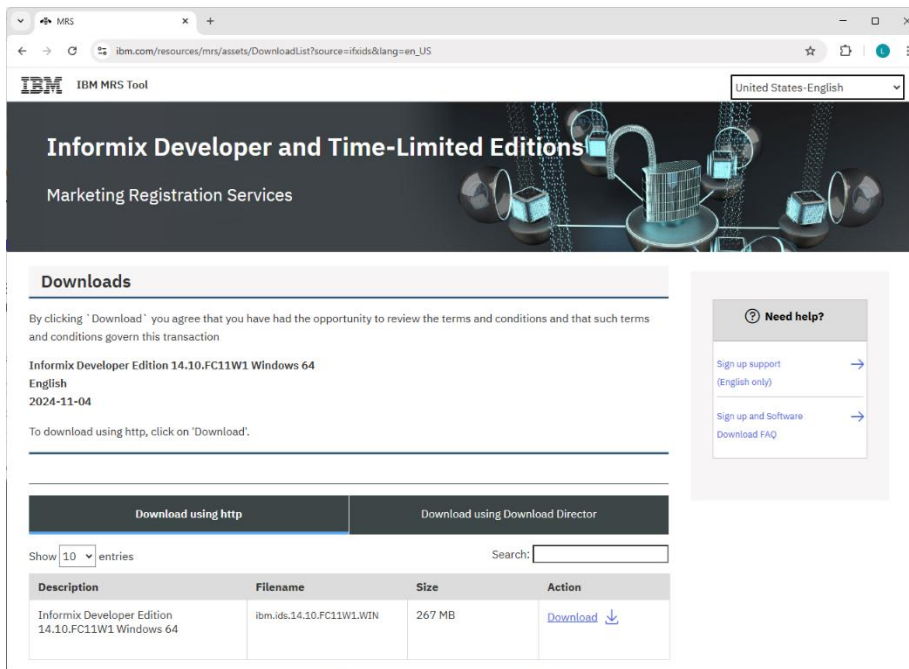
- [Sign up support \(English only\)](#)
- [Sign up and Software Download FAQ](#)

9. Repeat Step 7 and select **“Informix Developer Edition 14.10.FC11W1 Windows 64 bit FC11W1”**, followed by **“Continue”** to proceed with the software download process:



	Package Name	Platform	Language
☐	14.10.FC11W1 Linux x86 64 FC11W1		
☐	Informix Developer Edition 14.10.FC11W1 Linux Power PC 64 FC11W1	Linux on Power	English
☐	Informix Client SDK 4.50.UC11W1 Linux x86 32 UC11W1	Linux for System x (32 bit)	English
☒	Informix Developer Edition 14.10.FC11W1 Windows 64 FC11W1	Windows (64bit)	English
☐	Informix Developer Edition 14.10.FC11W1 zLinux / LinuxONE 64 FC11W1	Linux for System z	English
☐	Informix Developer Edition 14.10.FC11W1 Solaris SPARC 64 FC11W1	Solaris SPARC Platform Edition	English
☐	IBM Informix CSDK 4.50.FC11 Windows 64 bit 4.50.FC11	Windows (64bit)	English
☐	IBM Informix Developer Edition 14.10.FC11 Windows 64 bit 14.10.FC11	Windows (64bit)	English
☐	IBM Informix JDBC Driver 4.50.JC11 4.50.JC11	Multiplatform	English

10. This will display to following screen and select **“Download”** to start the download process:



IBM MRS Tool United States-English

Informix Developer and Time-Limited Editions

Marketing Registration Services

Downloads

By clicking 'Download' you agree that you have had the opportunity to review the terms and conditions and that such terms and conditions govern this transaction

Informix Developer Edition 14.10.FC11W1 Windows 64
English
2024-11-04

To download using http, click on 'Download'.

[Download using http](#) [Download using Download Director](#)

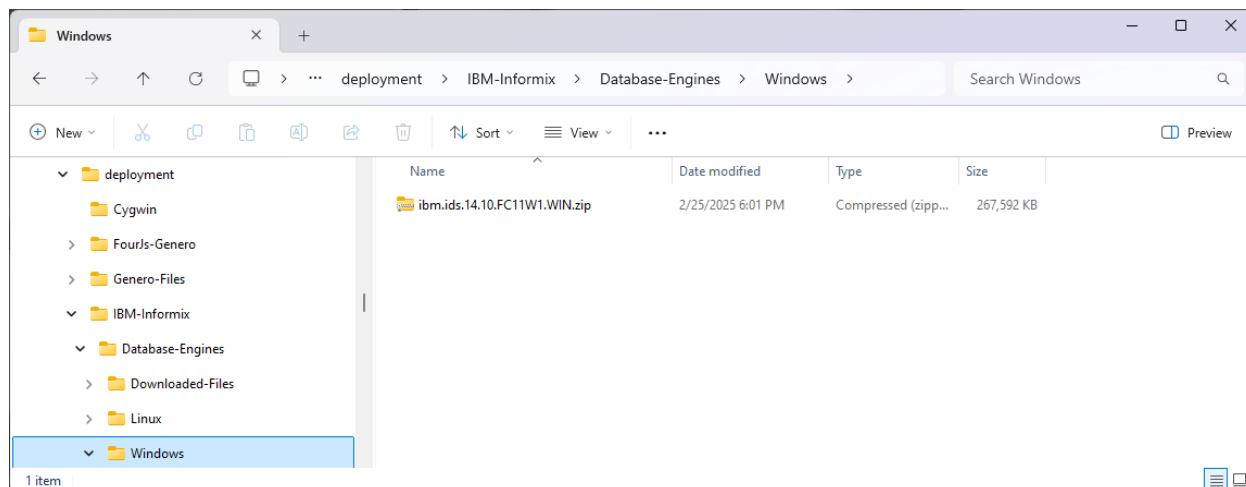
Show 10 entries Search:

Description	Filename	Size	Action
Informix Developer Edition 14.10.FC11W1 Windows 64	ibm.ids.14.10.FC11W1.WIN	267 MB	Download

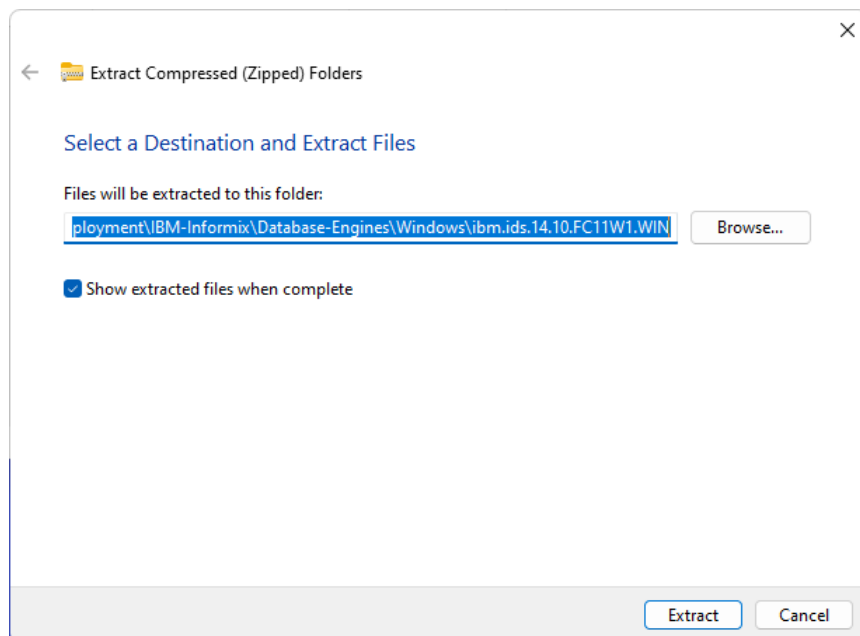
Need help?

- [Sign up support \(English only\)](#)
- [Sign up and Software Download FAQ](#)

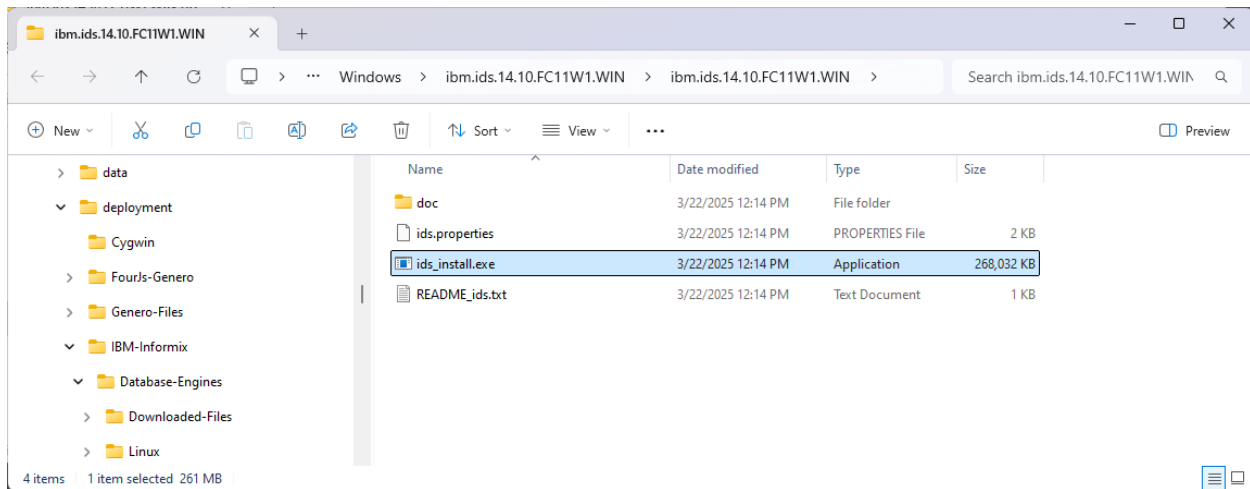
11. Once the download of the ***“ibm.ids.14.10.FC11W1.WIN.zip”*** file is complete, place the file in the following folder:
“GlobalEdge > deployment > IBM-Informix > Database-Engines > Windows > ibm.ids.14.10.FC11W1.WIN.zip”



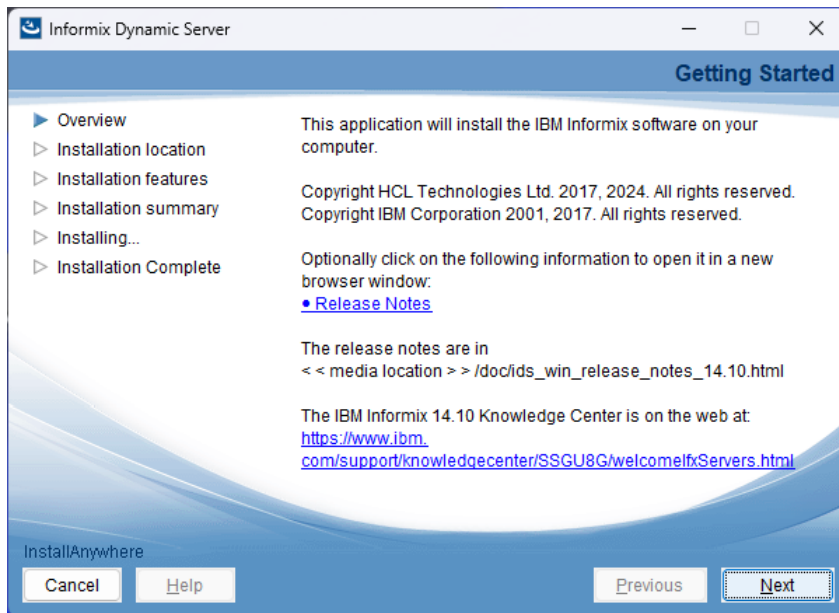
12. The next step is to extract the contents of the ***“ibm.ids.14.10.FC11W1.WIN.zip”*** file to the following folder:



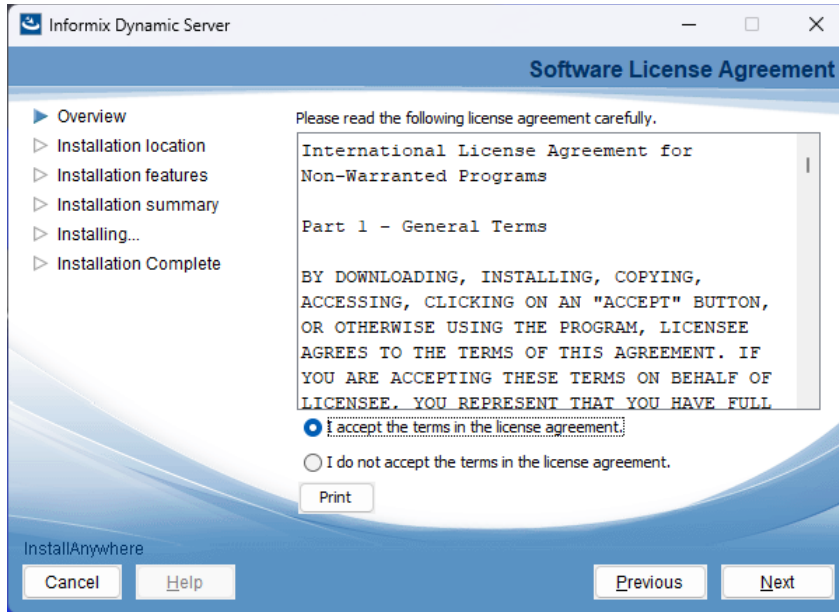
13. Once the file extraction process is complete, double click on **“ids_install.exe”** to initiate the software installation process the following is displayed:



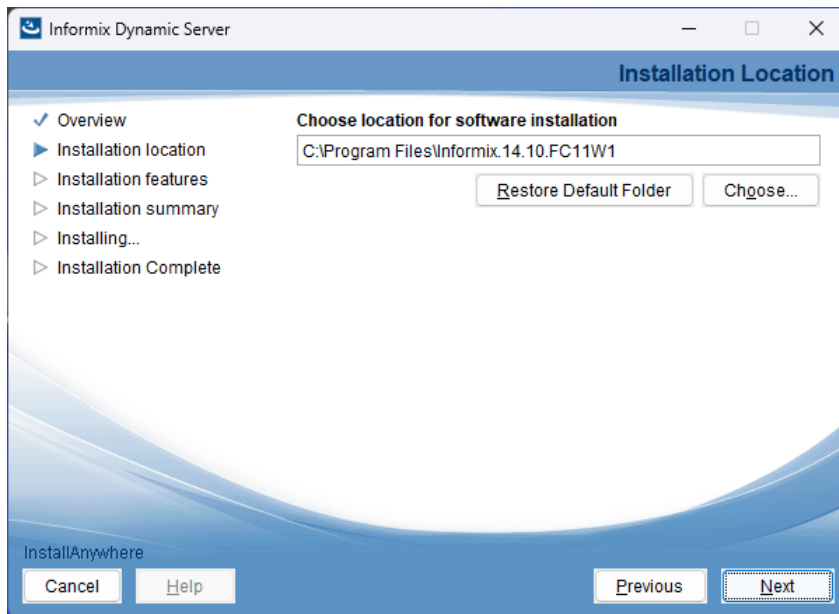
14. This will display the following screen:



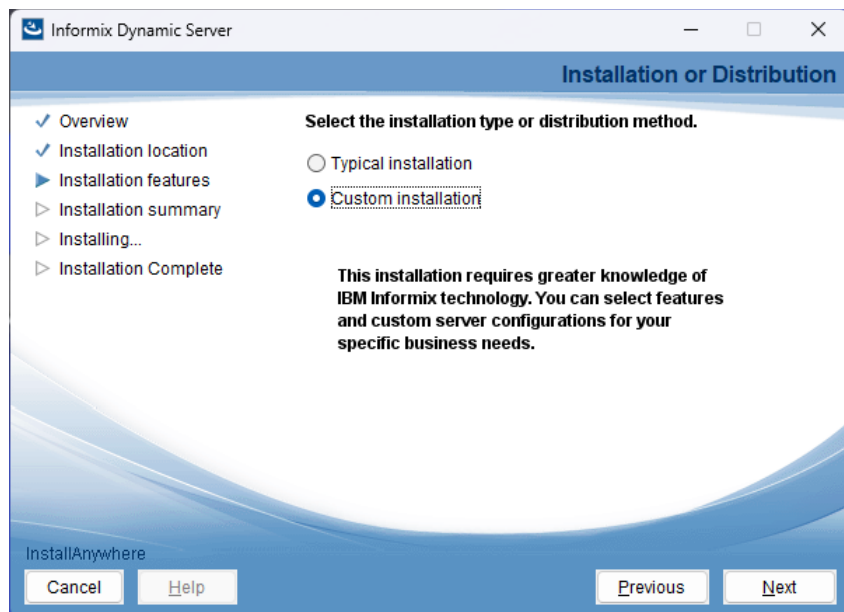
15. Select **“Next”** option to display the following screen:



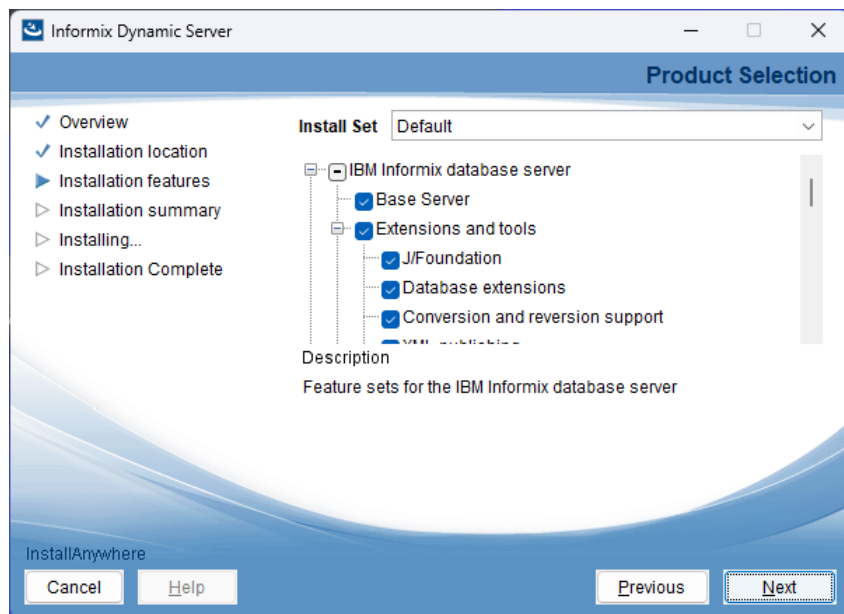
16. Select **“Next”** option after selecting **“I accept the terms in the license agreement”**, which will then display the following screen:



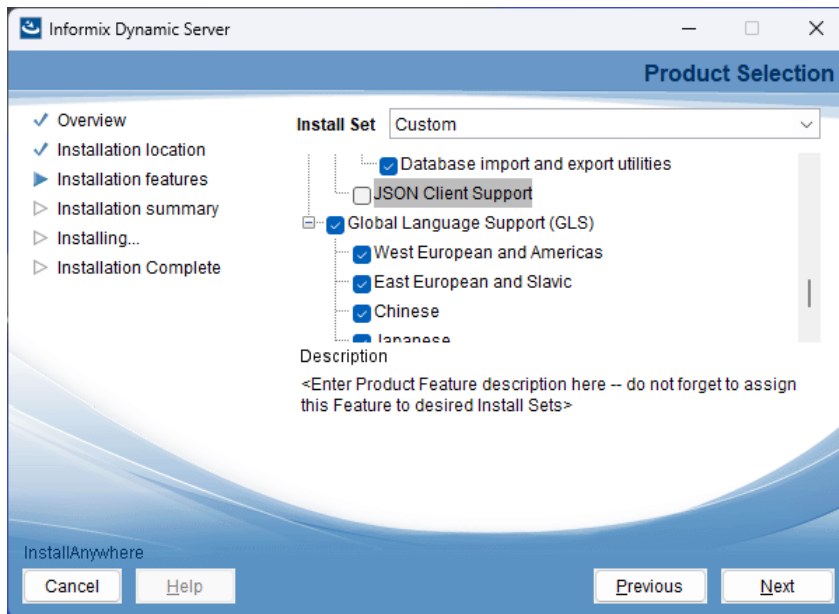
17. Accept the location for software installation and select **“Next”** option to display the following screen:



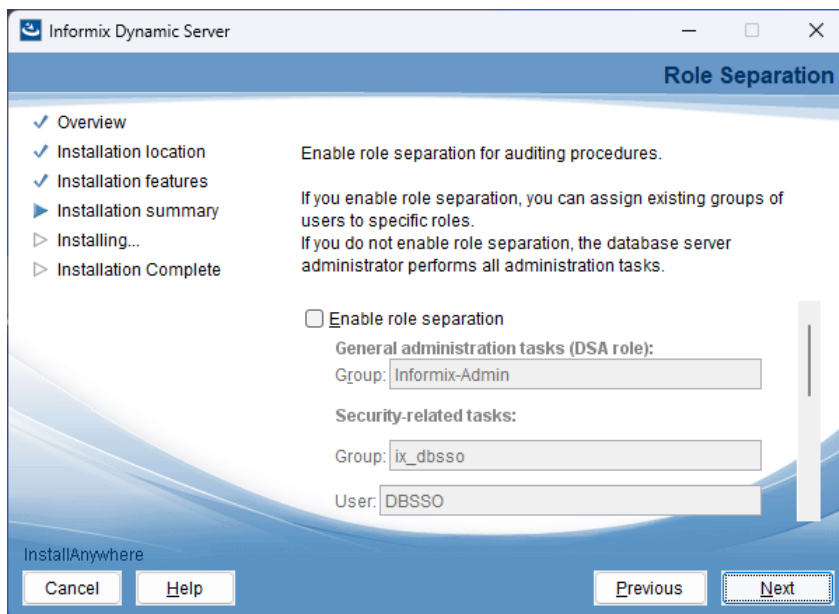
18. Select **“Custom installation”** followed by **“Next”** option to display the following screen:



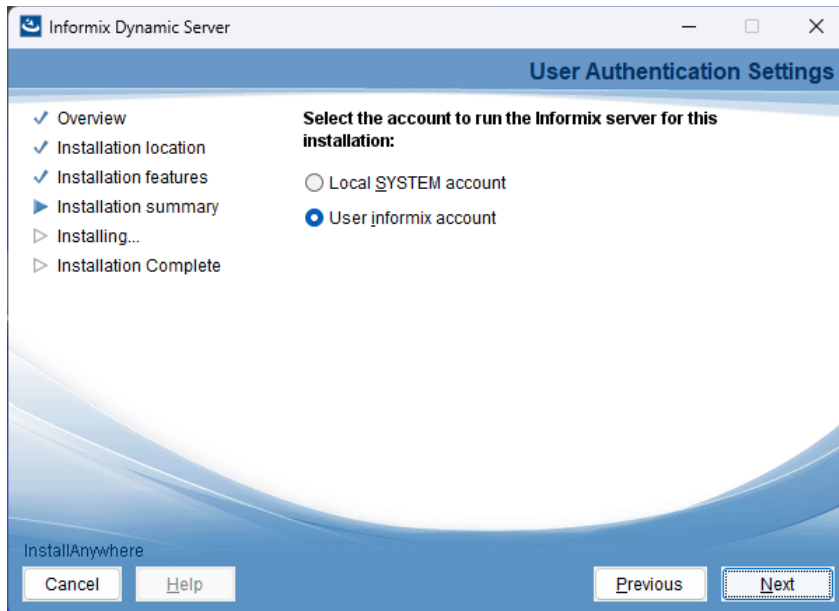
19. Scroll down to the **“Administrative utilities”** and unselect the **“JSON Client Support”** option, then select the **“Next”** option:



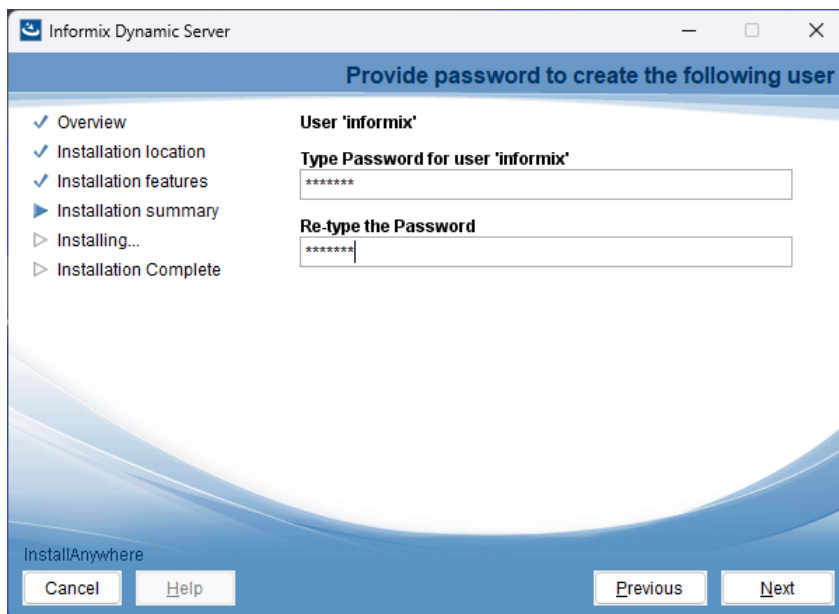
20. Accept the default values on the screen below and select the **“Next”** option:



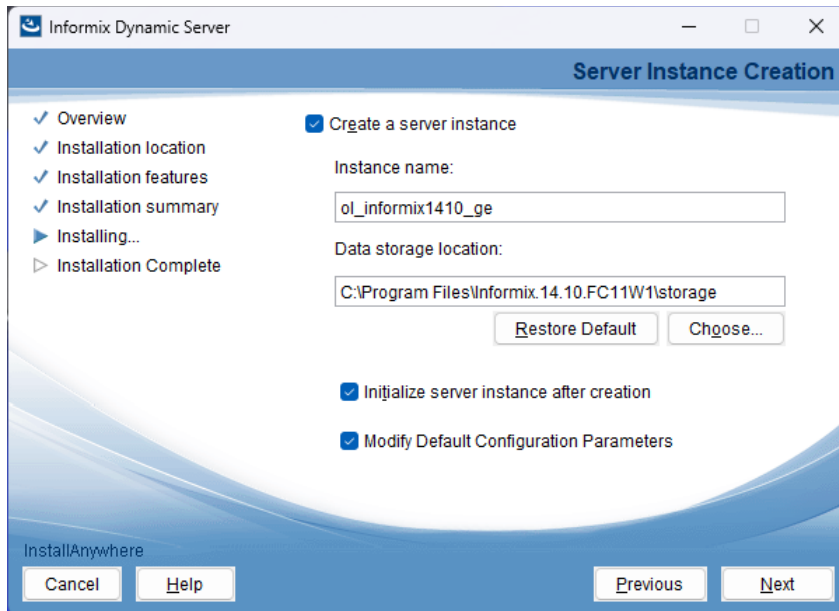
21. Select **“User Informix account”** option on following screen, then select the **“Next”** option:



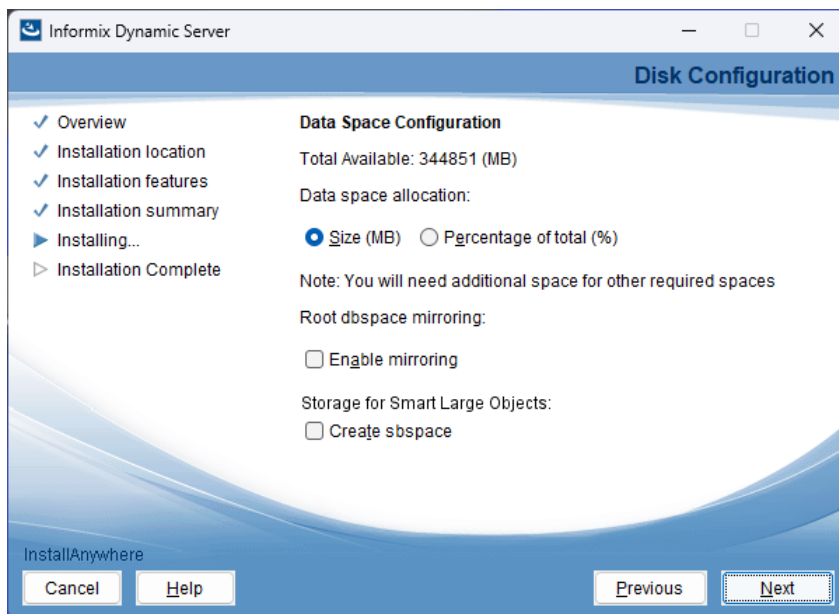
22. Enter a Password (**“infdlc#”**) for the **“informix”** user that will be automatically created during the installation process:



23. Select **“Next”** and check the following check boxes on the screen below:



24. The next screen will prompt you to enter **“Data space allocation:”**. We recommend entering 8192 (MB) data space allocation, then select **“Next”** option to proceed:



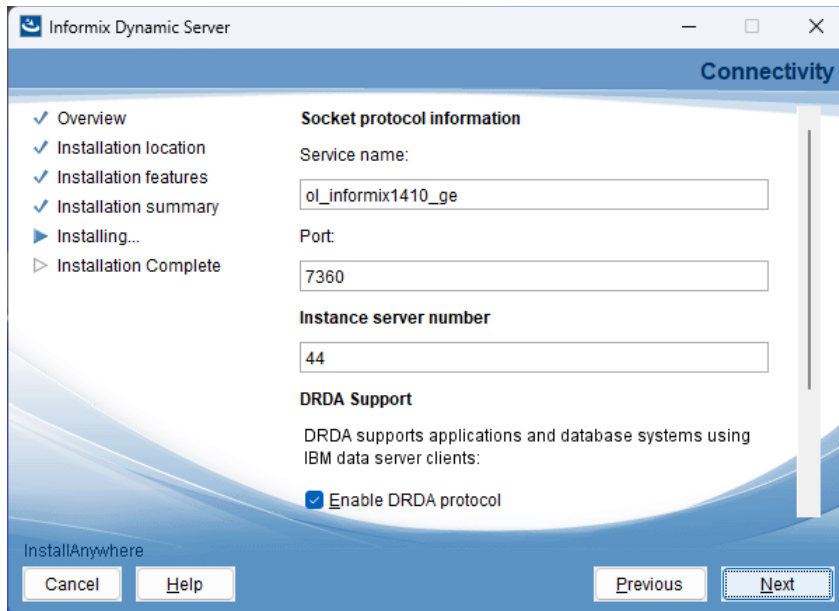
25. Select **“Next”** and the following screen will prompt you to enter **“Allocate processors to the database server:”**. We recommend entering **“2 Processors”**. You are also prompted allocating memory to the database server which we recommend **“4096 (MB)”** data server memory, then select **“Next”** option to proceed:

The screenshot shows the 'System Resources Usage' window of the Informix Dynamic Server installer. On the left, a navigation pane lists steps: Overview, Installation location, Installation features, Installation summary, Installing... (selected), and Installation Complete. The main area is divided into two sections: 'Processors' and 'Memory'. Under 'Processors', it states 'Total available processors: 8' and 'Allocate processors to the database server:'. There are two radio buttons: 'Number' (selected) and 'Percentage of total (%)'. Below is a text box containing the number '2'. Under 'Memory', it states 'Total available memory: 16159 (MB)' and 'Allocate memory to the database server:'. There are two radio buttons: 'Size (MB)' (selected) and 'Percentage of total (%)'. Below is a text box containing the value '4096'. At the bottom, there are buttons for 'Cancel', 'Help', 'Previous', and 'Next'. The 'Next' button is highlighted.

26. Select **“Next”** and enter the following values on the following screen:

The screenshot shows the 'Database Server Usage' window of the Informix Dynamic Server installer. On the left, the same navigation pane is visible. The main area is divided into two sections: 'Workload type' and 'Maximum number of concurrent users'. Under 'Workload type', there are two radio buttons: 'Online transaction processing (OLTP)' (selected) and 'Data warehousing (DSS)'. Under 'Maximum number of concurrent users', there is a text box containing the number '2'. Below this, there is another text box containing the number '2' for 'Maximum number of decision support users'. At the bottom, there is a section 'Transaction logging supported by application(s)?' with two radio buttons: 'Yes' (selected) and 'No'. At the bottom of the window, there are buttons for 'Cancel', 'Help', 'Previous', and 'Next'. The 'Next' button is highlighted.

27. Select “**Next**” and accept the following values on the following screen:



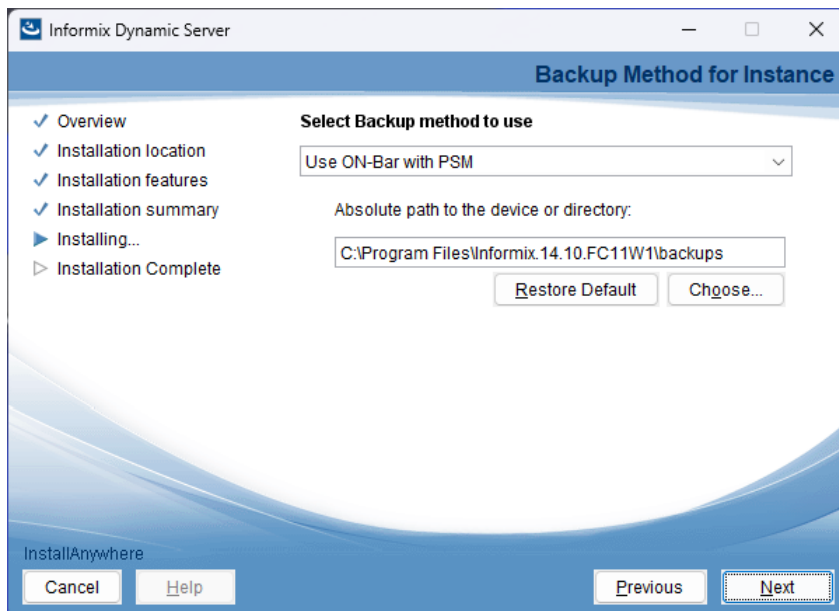
The screenshot shows the 'Connectivity' screen of the Informix Dynamic Server installation wizard. On the left, a navigation pane lists steps: Overview, Installation location, Installation features, Installation summary, Installing... (selected), and Installation Complete. The main area is titled 'Connectivity' and contains the following fields and options:

- Socket protocol information**
 - Service name:
 - Port:
- Instance server number**
 -
- DRDA Support**
 - DRDA supports applications and database systems using IBM data server clients:
 - ☒ Enable DRDA protocol

At the bottom, there are buttons for 'Cancel', 'Help', 'Previous', and 'Next'. The 'Next' button is highlighted with a dashed border.

Service Name: ol_ids1410_ge
Port – Lars PC: 20195 – CAD PC: 6731
Instance server number – Lars PC: 0 – CAD PC: 76

28. Select “**Next**” and accept the following values on the following screen:

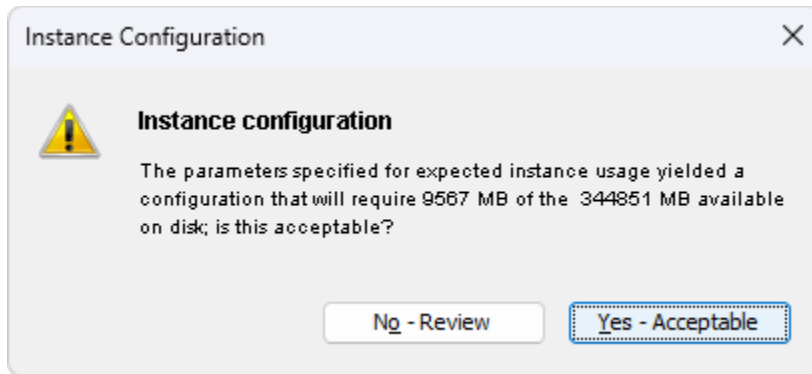


The screenshot shows the 'Backup Method for Instance' screen of the Informix Dynamic Server installation wizard. On the left, the navigation pane is the same as in the previous screen. The main area is titled 'Backup Method for Instance' and contains the following fields and options:

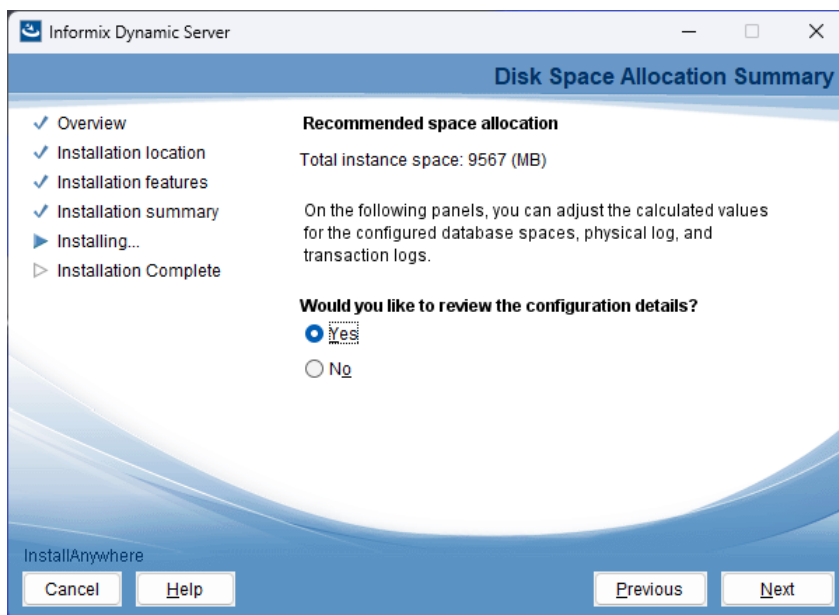
- Select Backup method to use**
 -
- Absolute path to the device or directory:**
 -
 -

At the bottom, there are buttons for 'Cancel', 'Help', 'Previous', and 'Next'. The 'Next' button is highlighted with a dashed border.

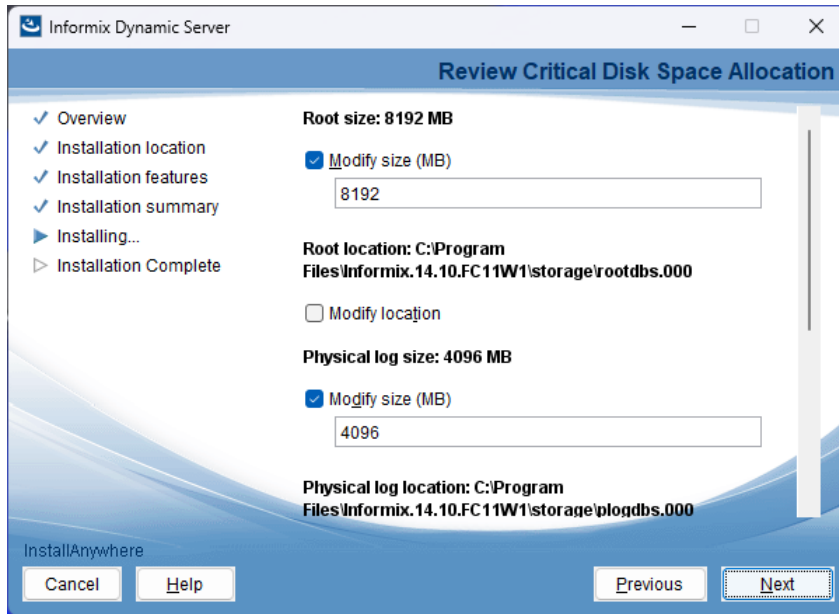
29. The next screen will prompt to confirm **“Instance configuration”** and select **“Yes - Acceptable”** to proceed:



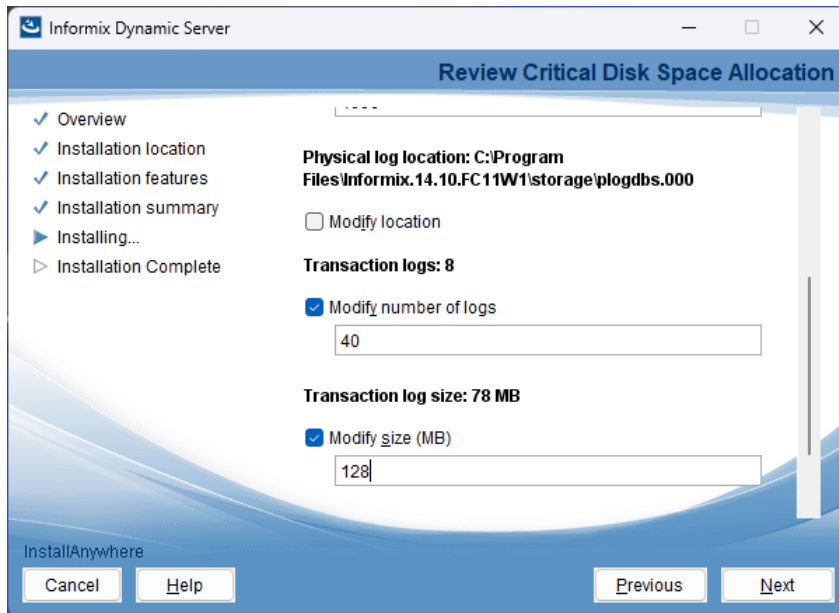
30. The next screen will prompt to confirm **“Configuration Details”** and select **“Yes”** followed by **“Next”** to proceed:



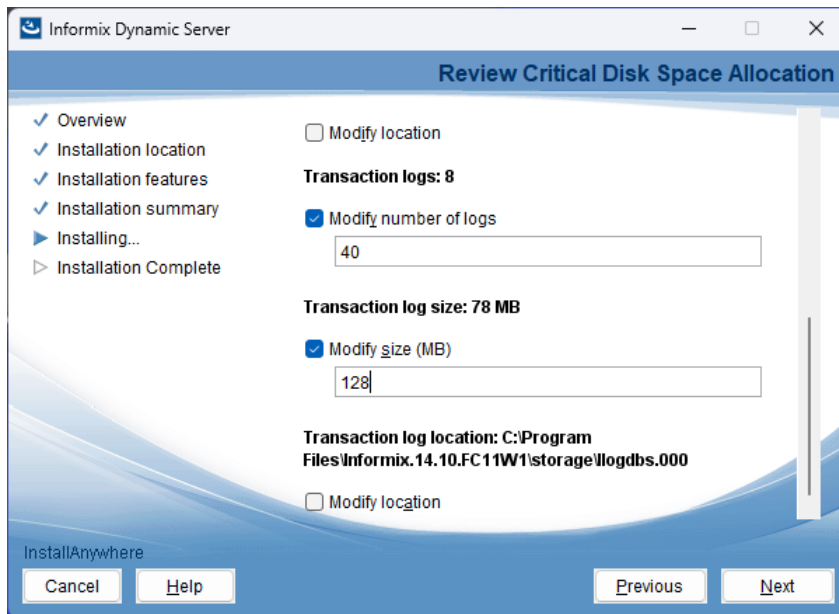
31. Check to modify the **“Root size”** option and enter **“4680 (MB)”** and check to modify the **“Physical log size”** option and enter **“2048 (MB)”** on the below screen:



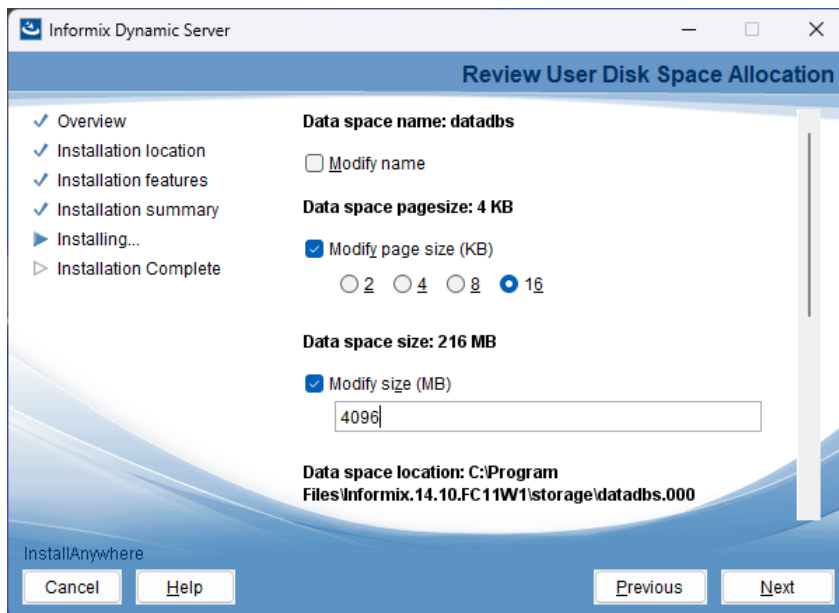
32. Scroll down and check to modify the **“Transaction logs: 8”** option and enter **“40 Number of Logs”** on the below screen:



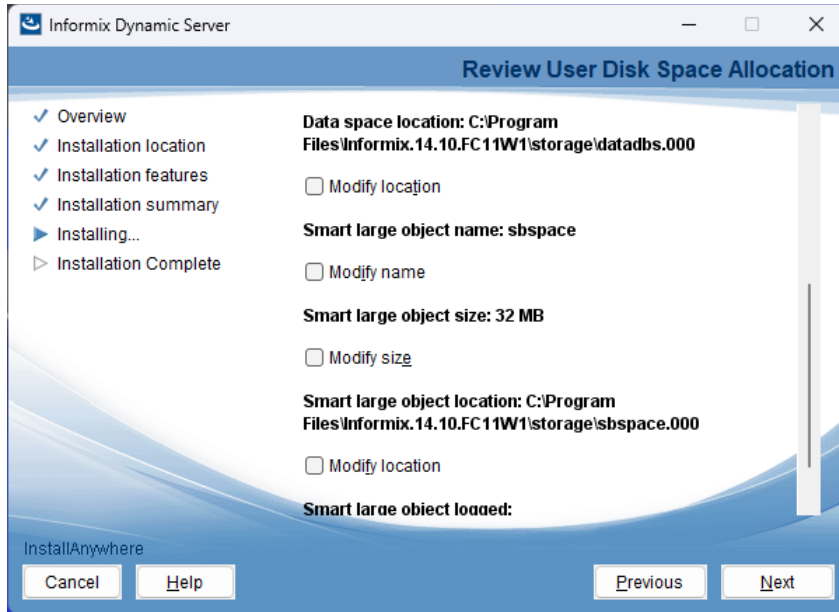
33. Scroll further down and check to modify the **“Transaction log size: 70 MB”** option and enter **“128 (MB)”** on the below screen:



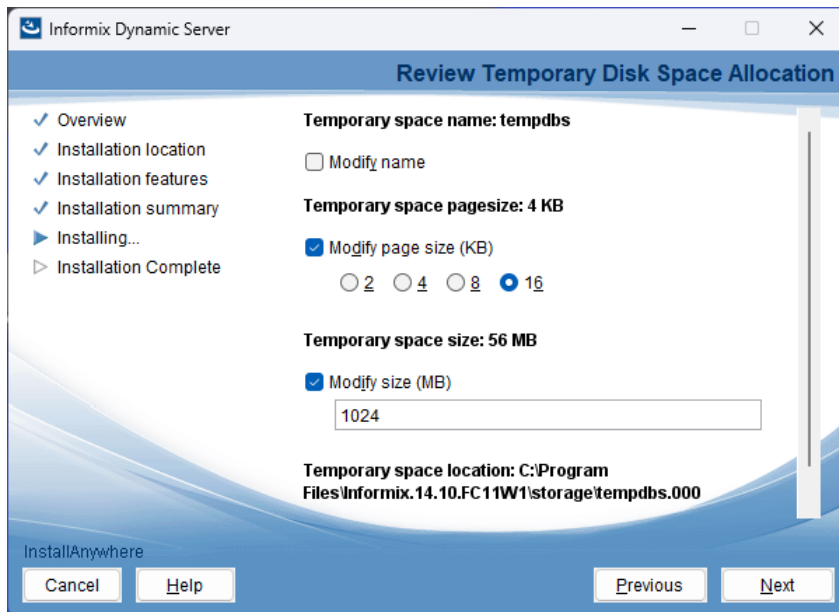
34. Select **“Next”** option and check to modify the **“Data space pagesize: 4 KB”** option and select **“16 (KB)”** and check to modify the **“Data space size: 216 MB”** option and enter **“4096 (MB)”** on the below screen:



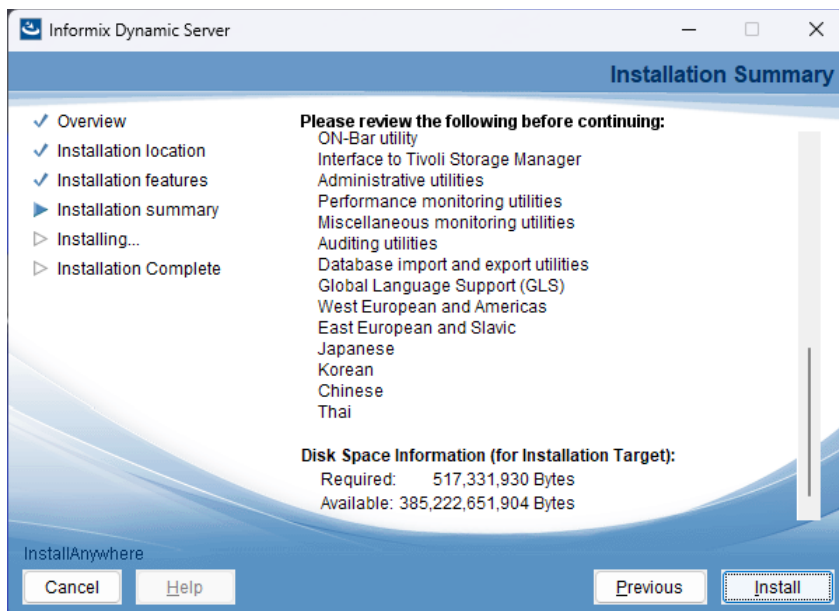
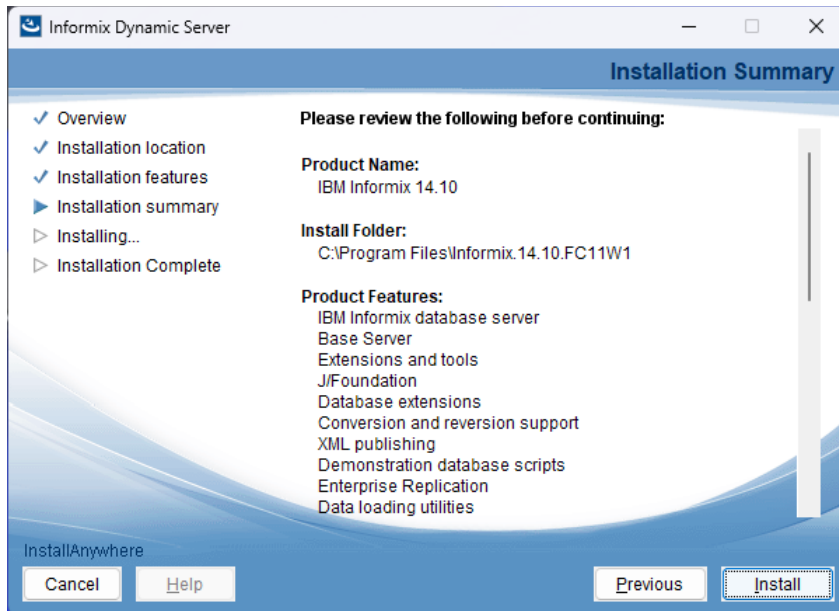
35. Select **“Next”** option on the below screen:



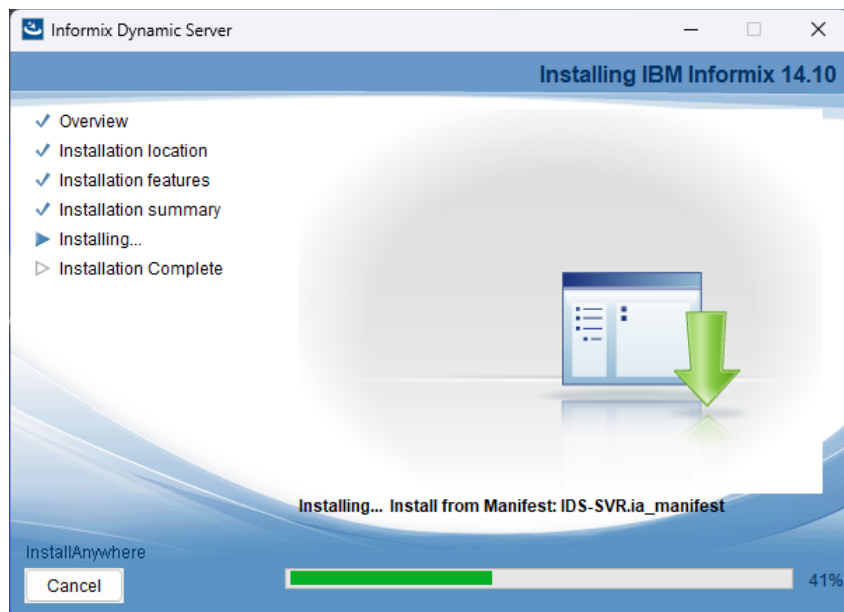
36. Check to modify the **“Temporary space pagesize: 4 KB”** option and select **“16 (KB)”** on the below screen:



37. The next screen will display the **“Installation Summary”** and select **“Install”** to proceed:



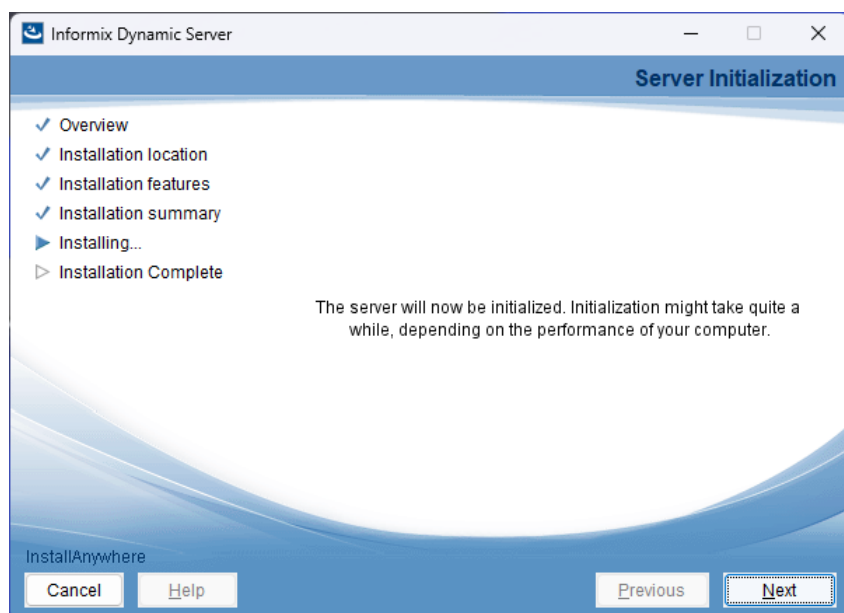
38. As the software installation process takes place, the following progress bar is displayed:



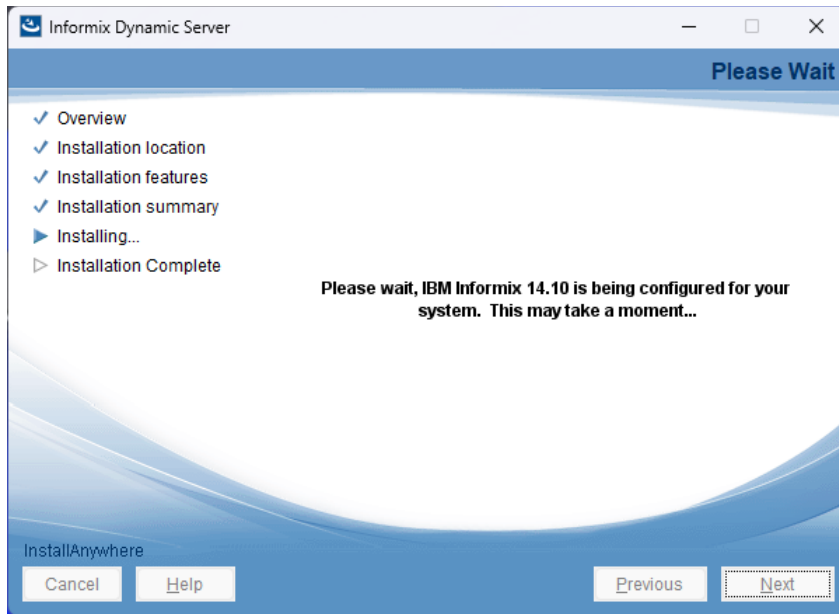
39. As the software installation process continues, the following message is displayed:



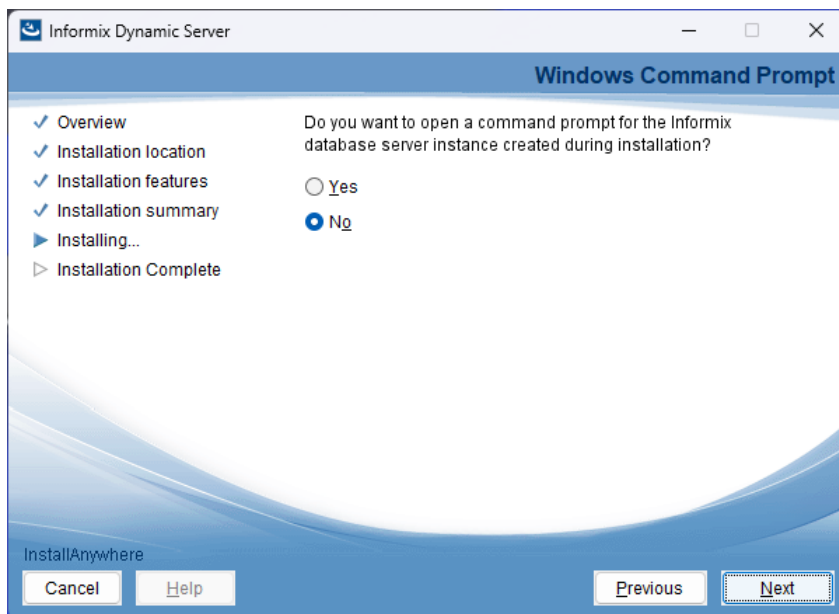
40. As the software installation process takes place, select **“Next”** once the following is displayed:



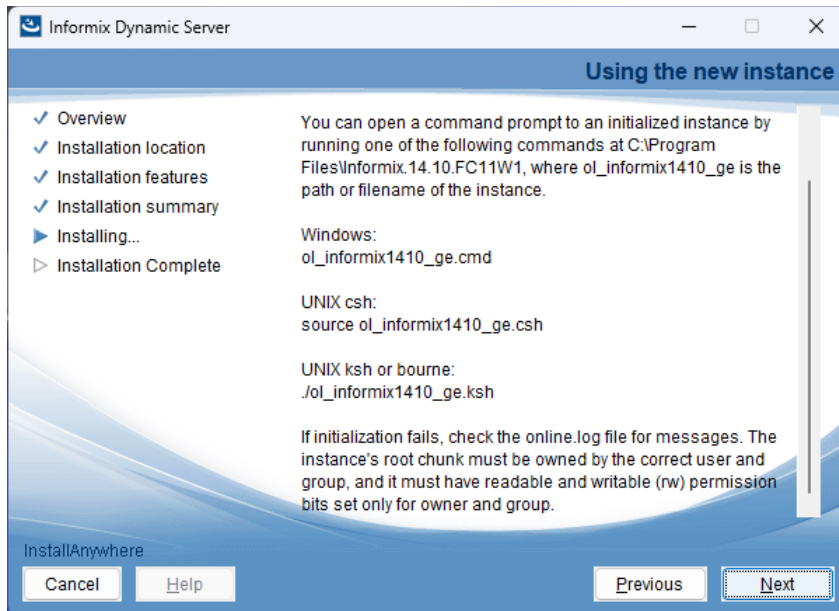
41. As the software installation process progresses, the following message is displayed:



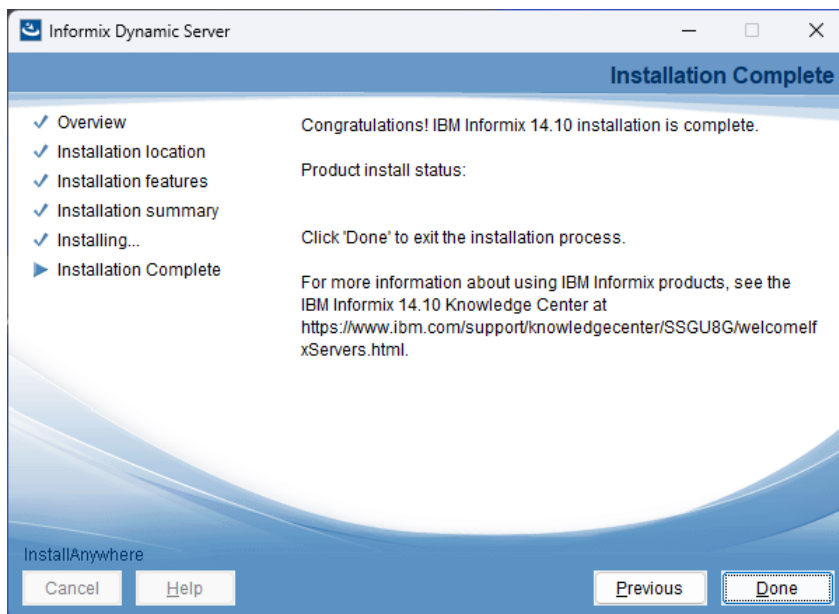
42. The following screen is displayed during the software installation process. Select **“No”** followed by the **“Next”** option to proceed:



43. The following screen is displayed during the software installation process. Select the **“Next”** option to proceed:



44. Once the software installation process is complete, the following screen is displayed. Select the **“Done”** option to complete the software installation process:



1.1.02 – IBM Informix Dynamic Server Version 14.10 (Installation Parameters)

	ibm.ids.14.10.FC11W1.WIN	
Line-01	Choose location for software installation:	C:\Program Files\Informix.14.10FC11W1
Line-02	Installation Type:	Custom installation
Line-03	Enable role separation for auditing procedures.	
Line-04	General administration tasks (DSA role) - Group:	Informix-Admin
Line-05	Security related tasks - Group:	ix_dbso
Line-06	Security related tasks - User:	DBSSO
Line-07	User Informix - Password:	infdc#
Line-08	Create a server instance:	selected
Line-09	Instance name:	ol_informix1410_ge
Line-10	Data storage location:	C:\Program Files\Informix.14.10FC11W1\storage
Line-11	Data Space Configuration:	8192 MB
Line-12	Processors - Total available processors: 8	
Line-13	Allocate processors to the database server - Number:	2
Line-14	Memory	
Line-15	Allocate memory to the database server - Size (MB):	4096
Line-16	Workload type	
Line-17	Maximum number of concurrent users:	2
Line-18	Maximum number of decision support users:	2
Line-19	Socket protocol information	
Line-20	Service name:	ol_informix1410_ge
Line-21	Port:	7360
Line-22	Instance server number:	44
Line-23	Select Backup method to use:	Use ON-Bar with PSM
Line-24	Absolute path to the device or directory:	C:\Program Files\Informix.14.10FC11W1\backups
Line-25	Recommended space allocation - Total instance space:	9567 (MB)
Line-26	Root size: 8192 MB - Modify size (MB):	8192
Line-27	Root location:	C:\Program Files\Informix.14.10FC11W1\storage\rootdbs.000
Line-28	Physical log size: 4096 MB - Modify size (MB):	4096
Line-29	Transaction Logs: 8 - Modify number of logs:	40
Line-30	Transaction log size: 78 MB - Modify size (MB):	128
Line-31	Transaction log location:	C:\Program Files\Informix.14.10FC11W1\storage\logdbs.000
Line-32	Data space pagesize: 4 KB - Modify page size (KB):	16
Line-33	Data space location:	C:\Program Files\Informix.14.10FC11W1\storage\datadbs.000
Line-34	Smart large object location:	C:\Program Files\Informix.14.10FC11W1\storage\sbspace.000
Line-35	Modify page size (KB):	16
Line-36	Modify size (MB):	1024
Line-37	Temporary space location:	C:\Program Files\Informix.14.10FC11W1\storage\tempdbs.000

Remove Services

Open Command Prompt Administrator

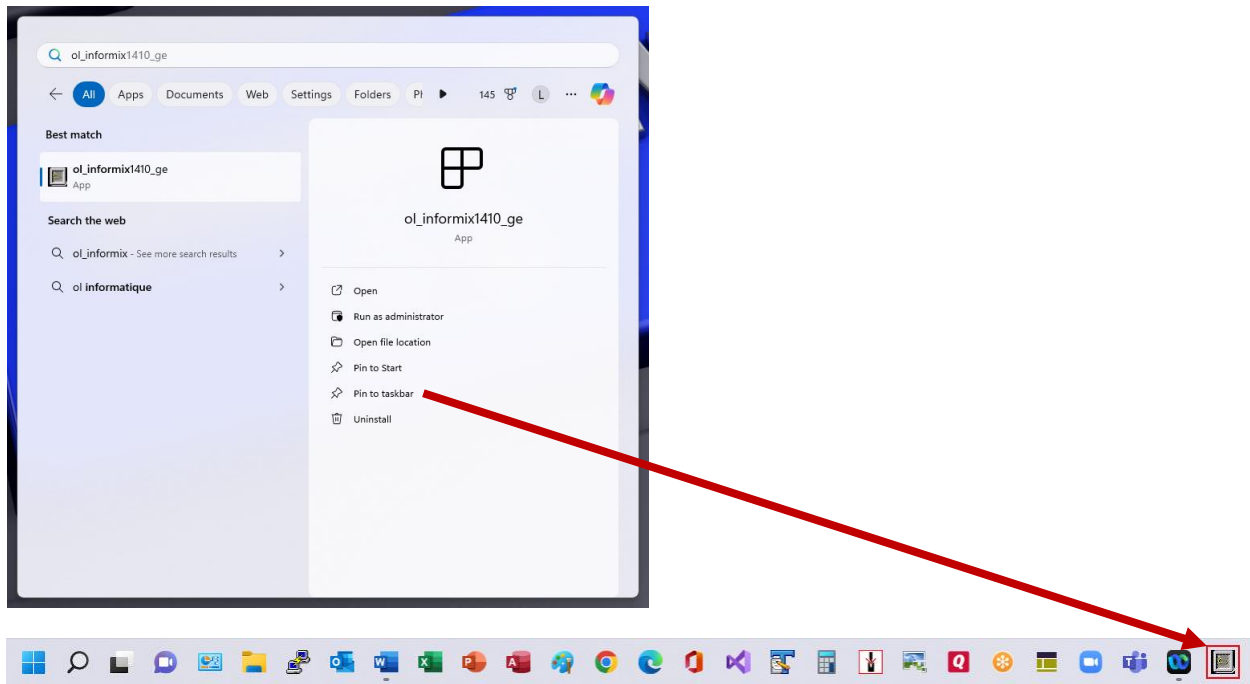
List Services File: ***“sc queryex type=service state=all”***Command to Delete Service after viewing name of service: ***“sc delete <service name>”*** [Enter]

Section 1.2: Create Database / Load Data

Below are the procedures for creating the “**LDC Database**” and loading foundational setup data.

1.2.01 – Create LDC Database

1. The first step is to open the Informix Database that was installed in the previous section. Click on the “**ol_informix1410_ge**” followed by pinning it the Windows Taskbar:

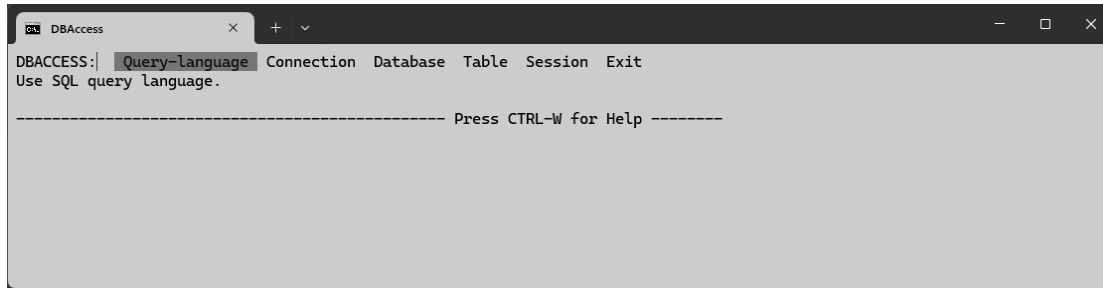


2. Click on the “**ol_informix1410_ge**” Windows Taskbar to display the following window:

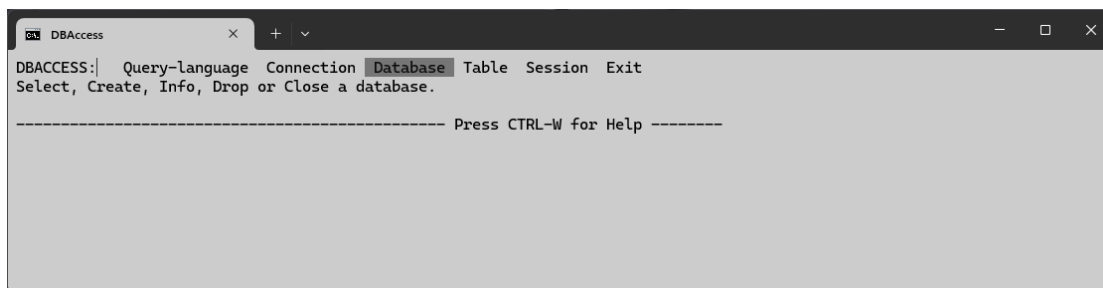
```
ol_informix1410_ge
C:\Program Files\Informix.14.10.FC11W1>set INFORMIXDIR=C:\PROGRA~1\INFORM~1.FC1
C:\Program Files\Informix.14.10.FC11W1>set REGMACHINE=\DESKTOP-CNG0U19
C:\Program Files\Informix.14.10.FC11W1>set INFORMIXSERVER=ol_informix1410_ge
C:\Program Files\Informix.14.10.FC11W1>set ONCONFIG=onconfig.ol_informix1410_ge
C:\Program Files\Informix.14.10.FC11W1>set INFORMIXSQLHOSTS=C:\Program Files\Informix.14.10.FC11W1\etc\sqlhosts.ol_infor
mix1410_ge
C:\Program Files\Informix.14.10.FC11W1>set GL_USEGLU=1
C:\Program Files\Informix.14.10.FC11W1>set PATH=C:\PROGRA~1\INFORM~1.FC1\bin;C:\Program Files\Informix.4.50.FC11W1\bin;C
:\Program Files\Informix.14.10.FC11W1\bin;C:\Program Files (x86)\Common Files\Oracle\Java\javapath;C:\Program Files (x8
6)\Common Files\Oracle\Java\javapath;C:\Program Files (x86)\NVIDIA Corporation\PhysX\Common;C:\Program Files (x86)\VMwar
e\VMware Workstation\bin;C:\Program Files\ibm\gsk8\lib64;C:\Program Files\ibm\gsk8\bin;C:\Windows\system32;C:\Windows;C
:\Windows\System32\Wbem;C:\Windows\System32\WindowsPowerShell\v1.0\;C:\Windows\System32\OpenSSH\;C:\Program Files (x86)\
Intel\Intel(R) Management Engine Components\DAL;C:\Program Files\Intel\Intel(R) Management Engine Components\DAL;C:\Prog
ram Files (x86)\Windows Kits\8.1\Windows Performance Toolkit\;C:\Program Files\Intel\WiFi\bin\;C:\Program Files\Comm
on Files\Intel\WirelessCommon\;C:\WINDOWS\system32;C:\WINDOWS;C:\WINDOWS\System32\Wbem;C:\WINDOWS\System32\WindowsPowerShell
\v1.0\;C:\WINDOWS\System32\OpenSSH\;C:\Program Files\Putty\;C:\WINDOWS\system32;C:\WINDOWS;C:\WINDOWS\System32\Wbem;C:\W
INDOWS\System32\WindowsPowerShell\v1.0\;C:\WINDOWS\System32\OpenSSH\;C:\Program Files\dotnet\;C:\Program Files (x86)\Com
mon Files\Roxio Shared\DLLShared\;C:\Users\lars-dell-Laptop\AppData\Local\Microsoft\WindowsApps;C:\Users\lars-dell-Lapto
p\dotnet\tools
C:\Program Files\Informix.14.10.FC11W1>dbaccess|
```

C:Windows > Start Menu > Programs > Informix.14.10.FC11W1

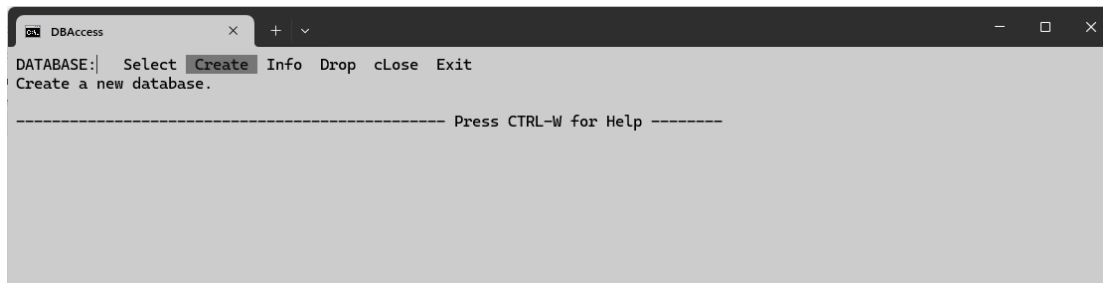
3. Enter **“dbaccess”** to display the following screen window and menu options:



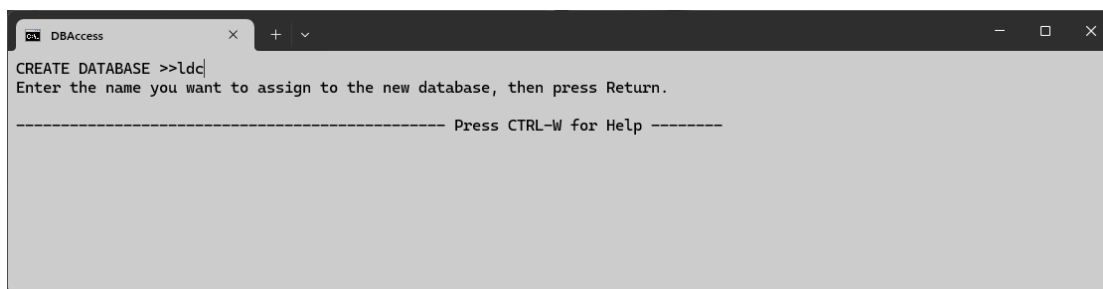
4. Select **“Database”** option:



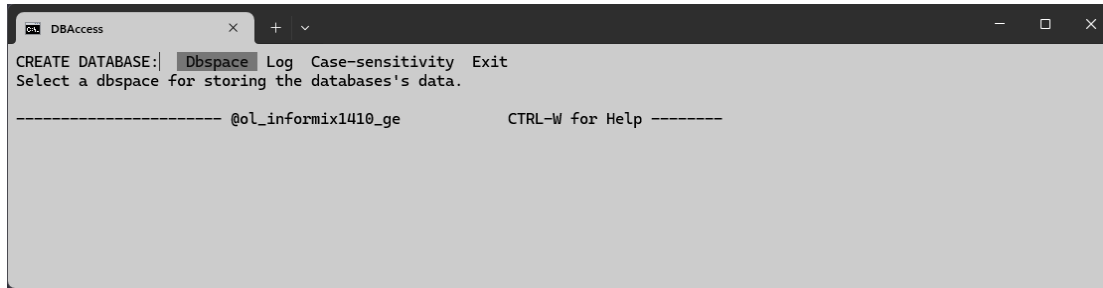
5. Select **“Create”** option:



6. Enter **“ldc”** to name the database:



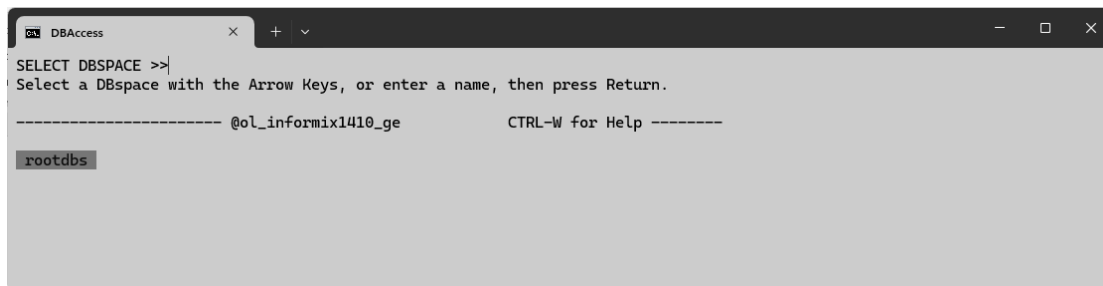
7. Select “**Dbospace**” option:



```
DBAccess
CREATE DATABASE:| Dbospace Log Case-sensitivity Exit
Select a dbospace for storing the databases's data.

----- @ol_informix1410_ge          CTRL-W for Help -----
```

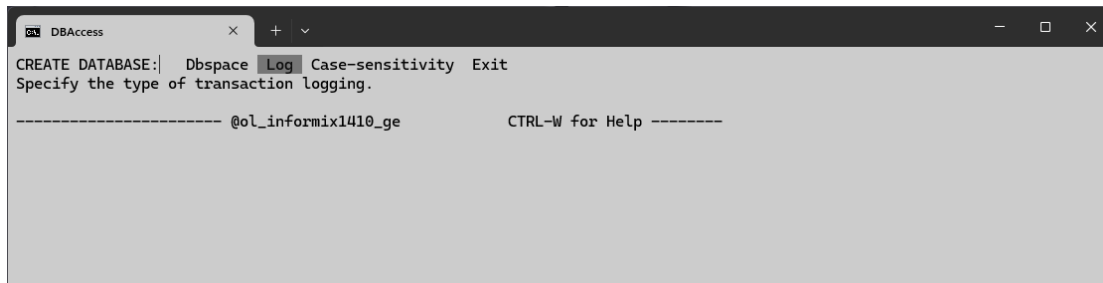
8. Select “**rootdbs**” Dbspace:



```
DBAccess
SELECT DBSPACE >>|
Select a DBspace with the Arrow Keys, or enter a name, then press Return.

----- @ol_informix1410_ge          CTRL-W for Help -----
rootdbs
```

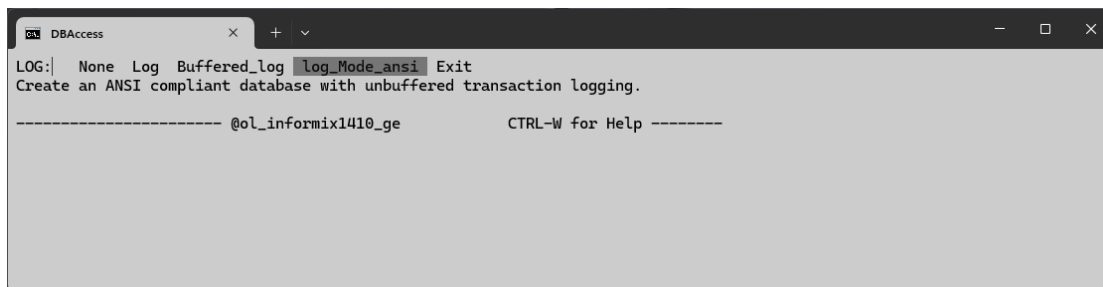
9. Select “**Log**” option:



```
DBAccess
CREATE DATABASE:| Dbospace Log Case-sensitivity Exit
Specify the type of transaction logging.

----- @ol_informix1410_ge          CTRL-W for Help -----
```

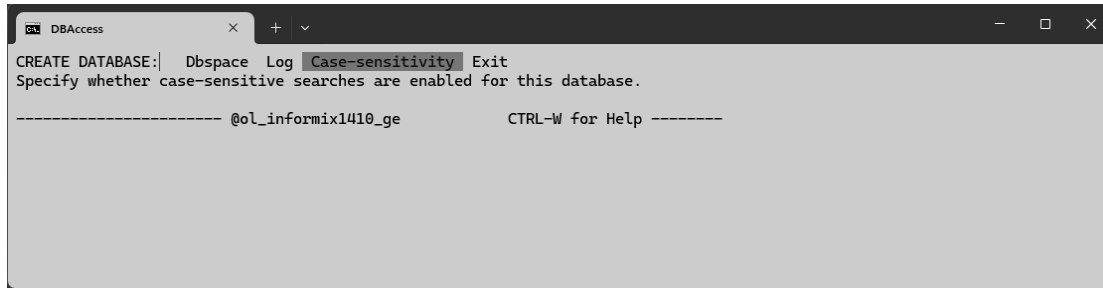
10. Select “**log_Mode_ansi**” option:



```
DBAccess
LOG:| None Log Buffered_log log_Mode_ansi Exit
Create an ANSI compliant database with unbuffered transaction logging.

----- @ol_informix1410_ge          CTRL-W for Help -----
```

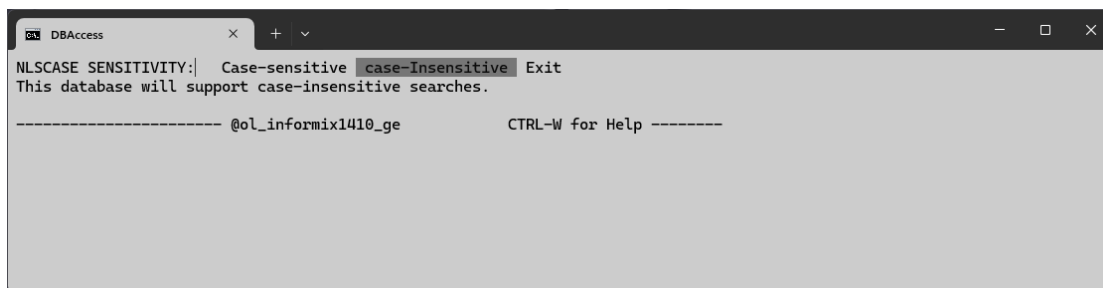
11. Select “**Case-sensitivity**” option:



```
DBAccess
CREATE DATABASE:| Dbospace Log Case-sensitivity Exit
Specify whether case-sensitive searches are enabled for this database.

----- @ol_informix1410_ge          CTRL-W for Help -----
```

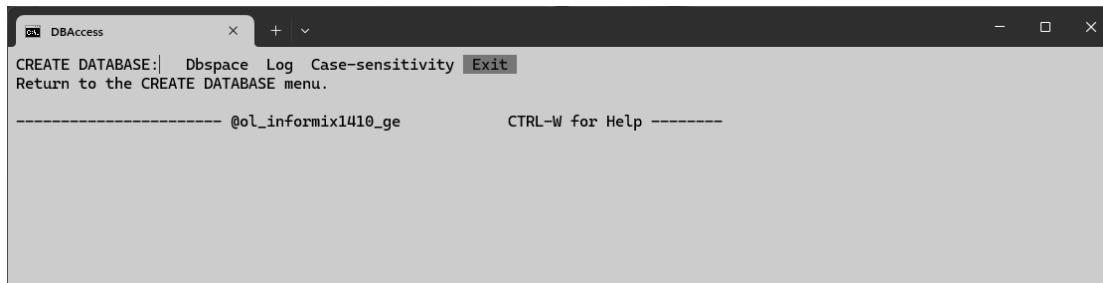
12. Select “**case-Insensitive**” option:



```
DBAccess
NLSCASE SENSITIVITY:| Case-sensitive case-Insensitive Exit
This database will support case-insensitive searches.

----- @ol_informix1410_ge          CTRL-W for Help -----
```

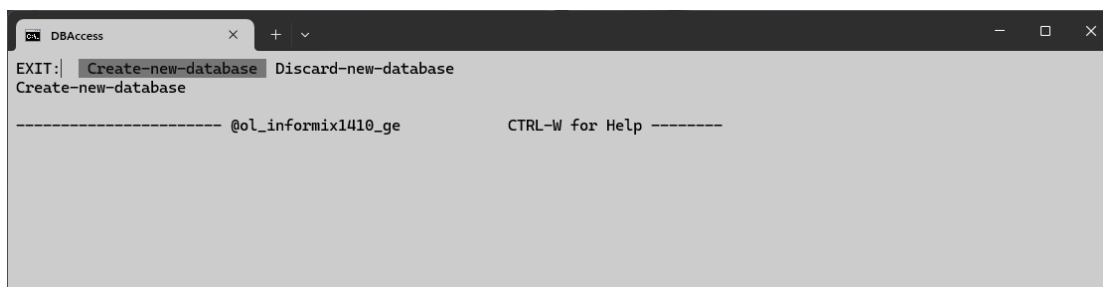
13. Select “**Exit**” option:



```
DBAccess
CREATE DATABASE:| Dbospace Log Case-sensitivity Exit
Return to the CREATE DATABASE menu.

----- @ol_informix1410_ge          CTRL-W for Help -----
```

14. Select “**Create-new-database**” option:



```
DBAccess
EXIT:| Create-new-database Discard-new-database
Create-new-database

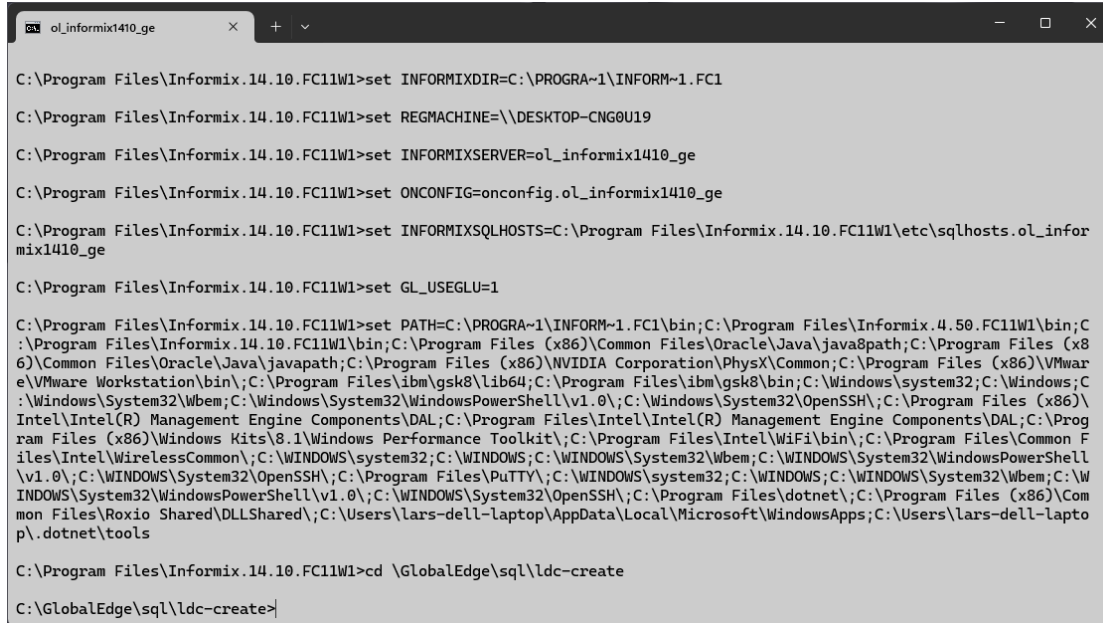
----- @ol_informix1410_ge          CTRL-W for Help -----
```

Last Update: Friday, April 03, 2026

1.2.02 – Create Database Tables

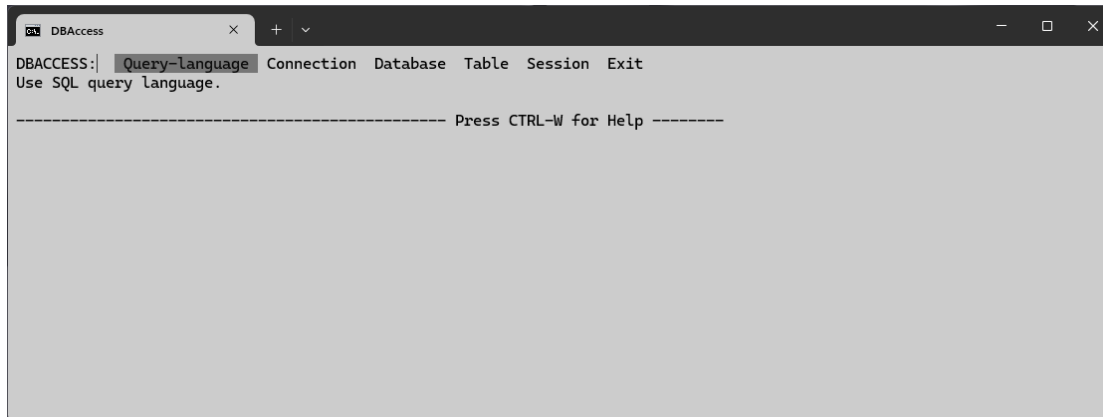
This section is to create the required **Global Edge** database tables.

1. Select Informix Server Icon in the Windows Tool Bar followed by “**cd \GlobalEdge\sql\ldc-create**” to change to the following folder:



```
C:\Program Files\Informix.14.10.FC11W1>set INFORMIXDIR=C:\PROGRA~1\INFORM~1.FC1
C:\Program Files\Informix.14.10.FC11W1>set REGMACHINE=\\DESKTOP-CNG0U19
C:\Program Files\Informix.14.10.FC11W1>set INFORMIXSERVER=ol_informix1410_ge
C:\Program Files\Informix.14.10.FC11W1>set ONCONFIG=onconfig.ol_informix1410_ge
C:\Program Files\Informix.14.10.FC11W1>set INFORMIXSQLHOSTS=C:\Program Files\Informix.14.10.FC11W1\etc\sqlhosts.ol_infor
mix1410_ge
C:\Program Files\Informix.14.10.FC11W1>set GL_USEGLU=1
C:\Program Files\Informix.14.10.FC11W1>set PATH=C:\PROGRA~1\INFORM~1.FC1\bin;C:\Program Files\Informix.4.50.FC11W1\bin;C
:\Program Files\Informix.14.10.FC11W1\bin;C:\Program Files (x86)\Common Files\Oracle\Java\java8path;C:\Program Files (x8
6)\Common Files\Oracle\Java\javapath;C:\Program Files (x86)\NVIDIA Corporation\PhysX\Common;C:\Program Files (x86)\VMwar
e\VMware Workstation\bin;C:\Program Files\ibm\gsk8\lib64;C:\Program Files\ibm\gsk8\bin;C:\Windows\system32;C:\Windows;C
:\Windows\System32\Wbem;C:\Windows\System32\WindowsPowerShell\v1.0;C:\Windows\System32\OpenSSH;C:\Program Files (x86)\
Intel\Intel(R) Management Engine Components\DAL;C:\Program Files\Intel\Intel(R) Management Engine Components\DAL;C:\Prog
ram Files (x86)\Windows Kits\8.1\Windows Performance Toolkit;C:\Program Files\Intel\WiFi\bin;C:\Program Files\Common F
iles\Intel\WirelessCommon;C:\WINDOWS\system32;C:\WINDOWS;C:\WINDOWS\System32\Wbem;C:\WINDOWS\System32\WindowsPowerShell
\v1.0;C:\WINDOWS\System32\OpenSSH;C:\Program Files\PuTTY;C:\WINDOWS\system32;C:\WINDOWS;C:\WINDOWS\System32\Wbem;C:\W
INDOWS\System32\WindowsPowerShell\v1.0;C:\WINDOWS\System32\OpenSSH;C:\Program Files\dotnet;C:\Program Files (x86)\Com
mon Files\Roixio Shared\DLLShared;C:\Users\lars-dell-laptop\AppData\Local\Microsoft\WindowsApps;C:\Users\lars-dell-lapto
p\.dotnet\tools
C:\Program Files\Informix.14.10.FC11W1>cd \GlobalEdge\sql\ldc-create
C:\GlobalEdge\sql\ldc-create>
```

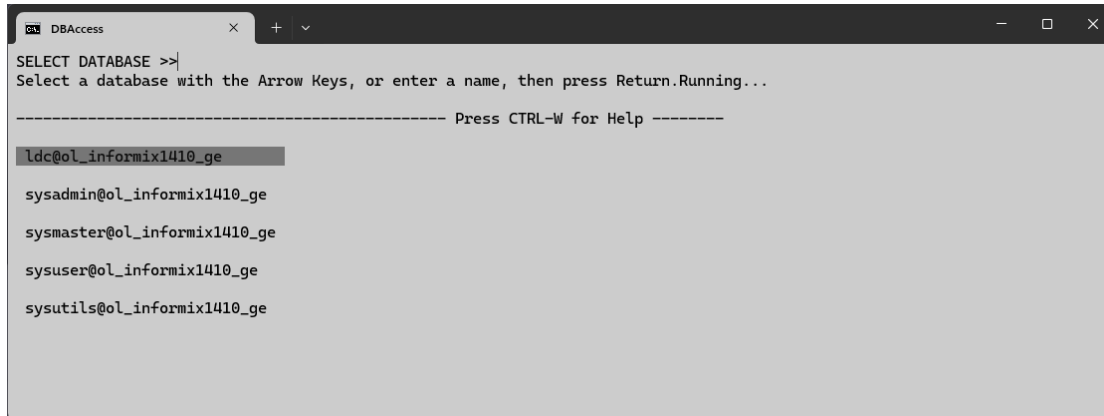
2. Enter “**dbaccess**” to display the following window screen and menu options:



```
DBACCESS:| Query-language Connection Database Table Session Exit
Use SQL query language.

----- Press CTRL-W for Help -----
```

3. Select **“Query-language”** option to display the following and select **“ldc@ol_informix1410_ge”** database:

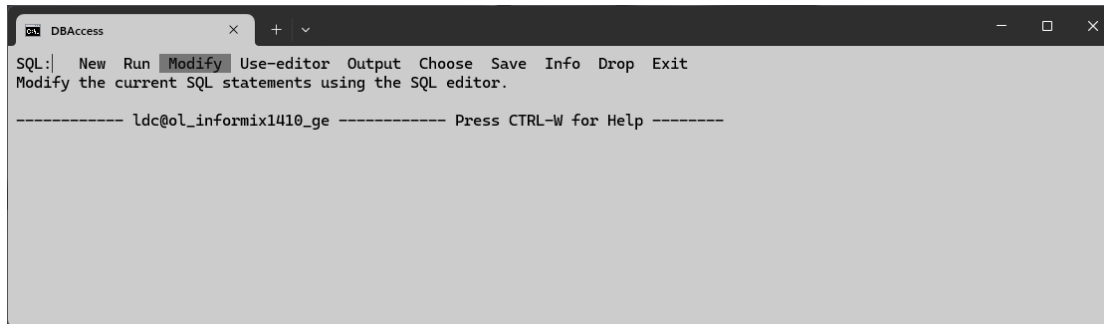


```
DBAccess
SELECT DATABASE >>|
Select a database with the Arrow Keys, or enter a name, then press Return.Running...

----- Press CTRL-W for Help -----

ldc@ol_informix1410_ge
sysadmin@ol_informix1410_ge
sysmaster@ol_informix1410_ge
sysuser@ol_informix1410_ge
sysutils@ol_informix1410_ge
```

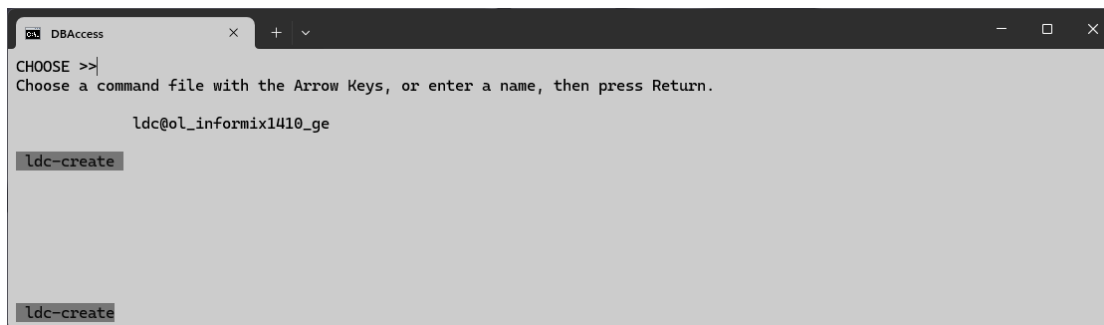
4. Select **“Modify”** option:



```
DBAccess
SQL:| New Run Modify Use-editor Output Choose Save Info Drop Exit
Modify the current SQL statements using the SQL editor.

----- ldc@ol_informix1410_ge ----- Press CTRL-W for Help -----
```

5. Select **“ldc-create”** file:



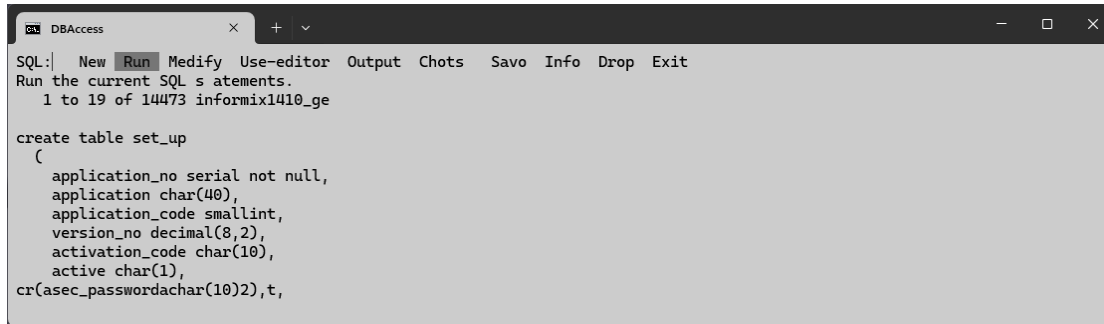
```
DBAccess
CHOOSE >>|
Choose a command file with the Arrow Keys, or enter a name, then press Return.

ldc@ol_informix1410_ge

ldc-create

ldc-create
```

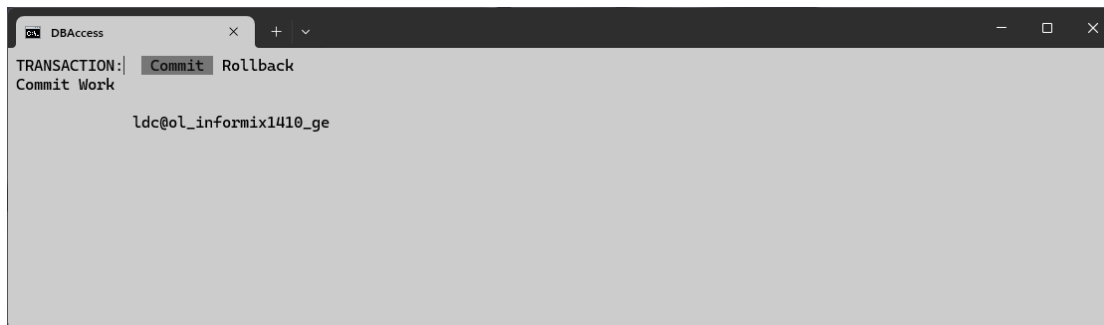
6. Select **“Run”** option to create the database tables for the **Global Edge “ldc”** database:



```
SQL: New Run Modify Use-editor Output Chots Savo Info Drop Exit
Run the current SQL s atements.
1 to 19 of 14473 informix1410_ge

create table set_up
(
    application_no serial not null,
    application char(40),
    application_code smallint,
    version_no decimal(8,2),
    activation_code char(10),
    active char(1),
    cr(asec_passworda char(10)2),t,
```

7. Select **“Exit”** option followed by **“Commit”** option to complete the creation of the database tables:



```
TRANSACTION:| Commit Rollback
Commit Work

ldc@ol_informix1410_ge
```

```
grant connect to informix
grant connect to "lars-dell-laptop"
grant connect to ldc
```

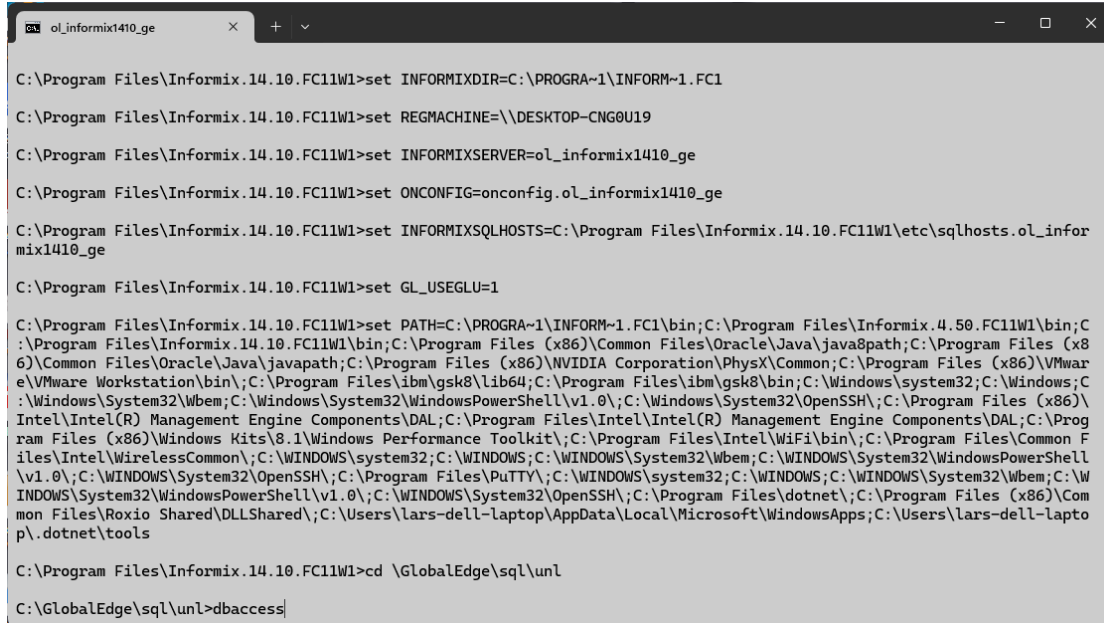
```
grant dba to informix
grant dba to "lars-dell-laptop"
grant dba to ldc
```

Last Update: Friday, April 03, 2026

1.2.03 – Load Standard / Default Data

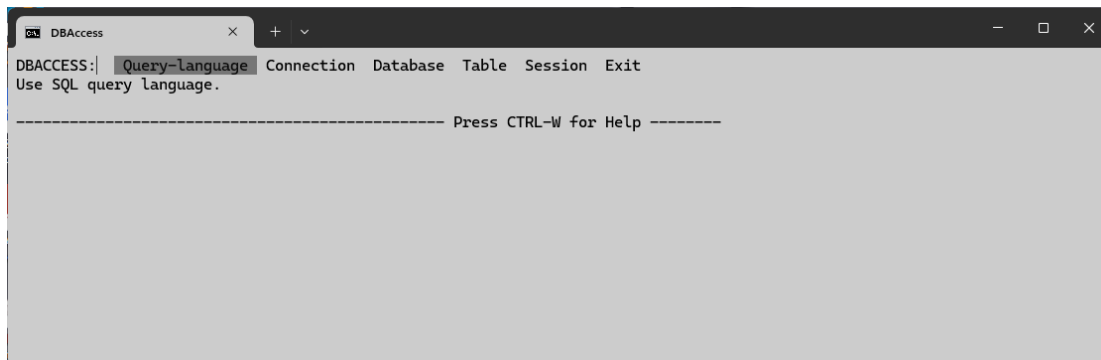
This section is to load Standard / Default into the **Global Edge** database.

1. Select Informix Server Icon in the Windows Tool Bar followed by “**cd \GlobalEdge\sql\unl**” to change to the following folder:



```
C:\Program Files\Informix.14.10.FC11W1>set INFORMIXDIR=C:\PROGRA~1\INFORM~1.FC1
C:\Program Files\Informix.14.10.FC11W1>set REGMACHINE=\\DESKTOP-CNG0U19
C:\Program Files\Informix.14.10.FC11W1>set INFORMIXSERVER=ol_informix1410_ge
C:\Program Files\Informix.14.10.FC11W1>set ONCONFIG=onconfig.ol_informix1410_ge
C:\Program Files\Informix.14.10.FC11W1>set INFORMIXSQLHOSTS=C:\Program Files\Informix.14.10.FC11W1\etc\sqlhosts.ol_infor
mix1410_ge
C:\Program Files\Informix.14.10.FC11W1>set GL_USEGLU=1
C:\Program Files\Informix.14.10.FC11W1>set PATH=C:\PROGRA~1\INFORM~1.FC1\bin;C:\Program Files\Informix.4.50.FC11W1\bin;C
:\Program Files\Informix.14.10.FC11W1\bin;C:\Program Files (x86)\Common Files\Oracle\Java\java8path;C:\Program Files (x8
6)\Common Files\Oracle\Java\javapath;C:\Program Files (x86)\NVIDIA Corporation\PhysX\Common;C:\Program Files (x86)\VMwar
e\VMware Workstation\bin;C:\Program Files\ibm\gsk8\lib64;C:\Program Files\ibm\gsk8\bin;C:\Windows\system32;C:\Windows;C
:\Windows\System32\Wbem;C:\Windows\System32\WindowsPowerShell\v1.0;C:\Windows\System32\OpenSSH;C:\Program Files (x86)\
Intel\Intel(R) Management Engine Components\DAL;C:\Program Files\Intel\Intel(R) Management Engine Components\DAL;C:\Prog
ram Files (x86)\Windows Kits\8.1\Windows Performance Toolkit;C:\Program Files\Intel\WiFi\bin;C:\Program Files\Common F
iles\Intel\WirelessCommon;C:\WINDOWS\system32;C:\WINDOWS;C:\WINDOWS\System32\Wbem;C:\WINDOWS\System32\WindowsPowerShell
\v1.0;C:\WINDOWS\System32\OpenSSH;C:\Program Files\PuTTY;C:\WINDOWS\system32;C:\WINDOWS;C:\WINDOWS\System32\Wbem;C:\W
INDOWS\System32\WindowsPowerShell\v1.0;C:\WINDOWS\System32\OpenSSH;C:\Program Files\dotnet;C:\Program Files (x86)\Com
mon Files\Roxio Shared\DLLShared;C:\Users\lars-dell-laptop\AppData\Local\Microsoft\WindowsApps;C:\Users\lars-dell-lapto
p\.dotnet\tools
C:\Program Files\Informix.14.10.FC11W1>cd \GlobalEdge\sql\unl
C:\GlobalEdge\sql\unl>dbaccess|
```

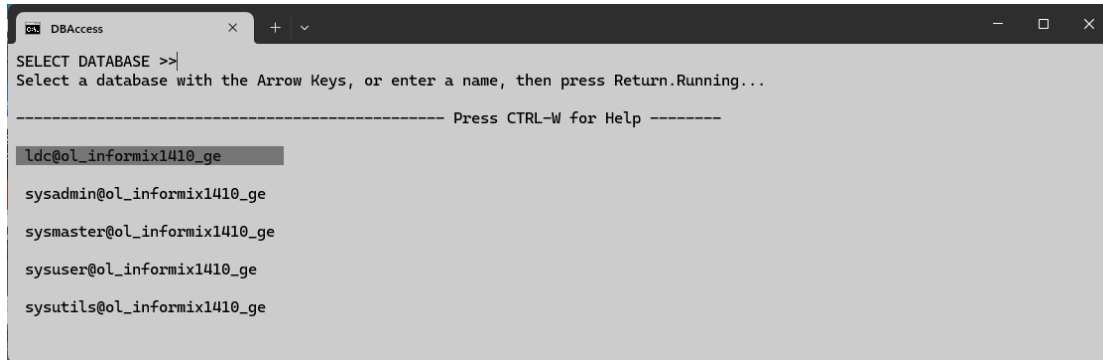
2. Select “**Query-language**” option:



```
DBACCESS:| Query-language Connection Database Table Session Exit
Use SQL query language.

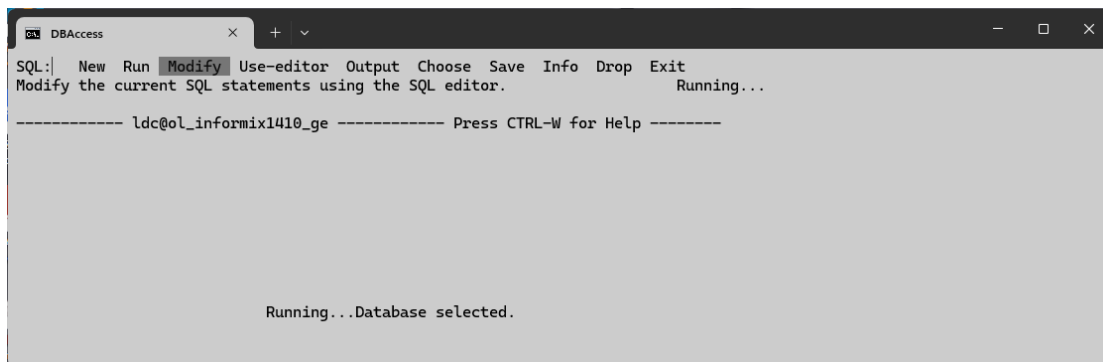
----- Press CTRL-W for Help -----
```

3. Select “ldc@ol_informix1410_ge” database:



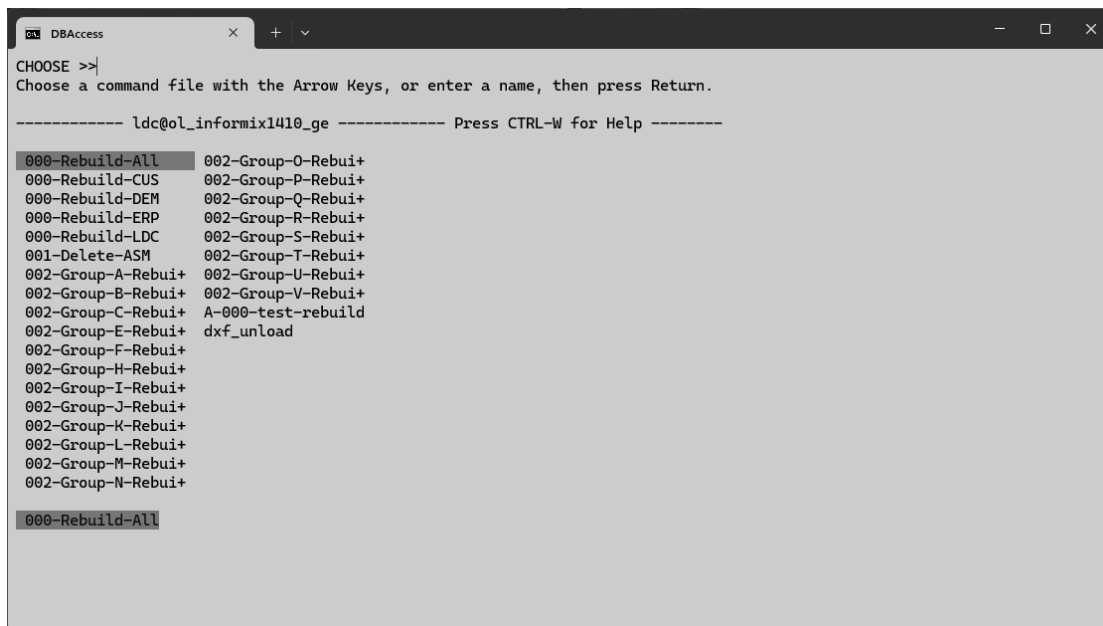
The screenshot shows a terminal window titled "DBAccess". The prompt is "SELECT DATABASE >>". Below the prompt, it says "Select a database with the Arrow Keys, or enter a name, then press Return. Running...". A list of databases is displayed: "ldc@ol_informix1410_ge", "sysadmin@ol_informix1410_ge", "sysmaster@ol_informix1410_ge", "sysuser@ol_informix1410_ge", and "sysutils@ol_informix1410_ge". The first option, "ldc@ol_informix1410_ge", is highlighted with a grey bar.

4. Select “Modify” option:



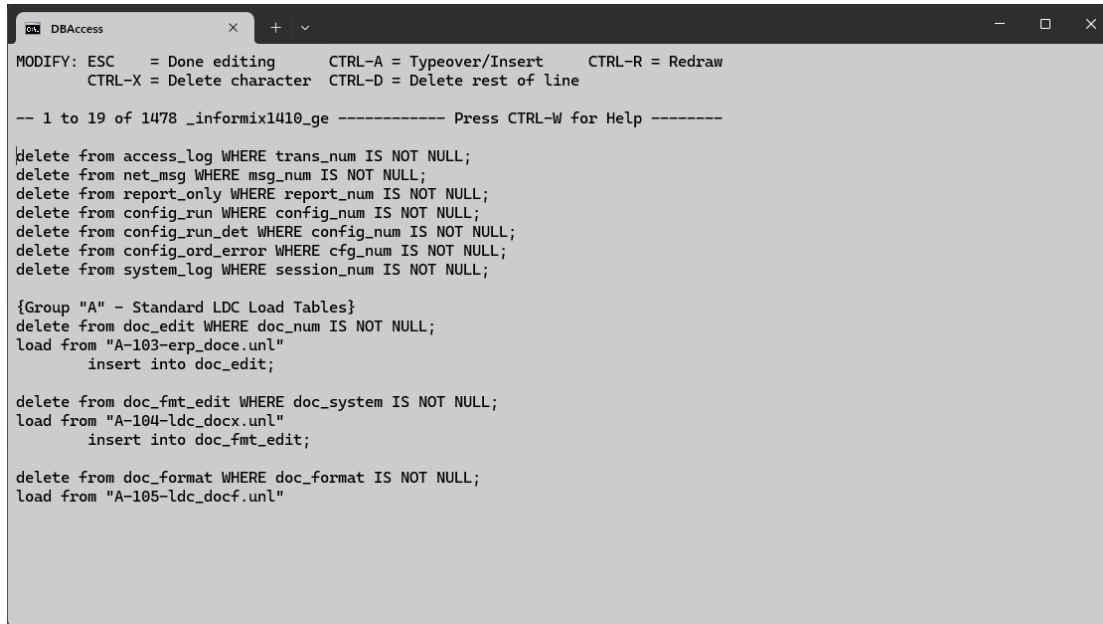
The screenshot shows the same terminal window. The prompt is "SQL: New Run Modify Use-editor Output Choose Save Info Drop Exit". Below the prompt, it says "Modify the current SQL statements using the SQL editor. Running...". The "Modify" option is highlighted with a grey bar. Below the list of databases, it says "Running...Database selected."

5. Select “000-Rebuild-All” file:



The screenshot shows the same terminal window. The prompt is "CHOOSE >>". Below the prompt, it says "Choose a command file with the Arrow Keys, or enter a name, then press Return.". A list of files is displayed: "000-Rebuild-All", "000-Rebuild-CUS", "000-Rebuild-DEM", "000-Rebuild-ERP", "000-Rebuild-LDC", "001-Delete-ASM", "002-Group-A-Rebui+", "002-Group-B-Rebui+", "002-Group-C-Rebui+", "002-Group-E-Rebui+", "002-Group-F-Rebui+", "002-Group-H-Rebui+", "002-Group-I-Rebui+", "002-Group-J-Rebui+", "002-Group-K-Rebui+", "002-Group-L-Rebui+", "002-Group-M-Rebui+", "002-Group-N-Rebui+", "002-Group-O-Rebui+", "002-Group-P-Rebui+", "002-Group-Q-Rebui+", "002-Group-R-Rebui+", "002-Group-S-Rebui+", "002-Group-T-Rebui+", "002-Group-U-Rebui+", "002-Group-V-Rebui+", "A-000-test-rebuild", and "dxf_unload". The first option, "000-Rebuild-All", is highlighted with a grey bar.

6. Select “**Esc**” key followed by “**Run**” option:



```
DBAccess
MODIFY: ESC = Done editing      CTRL-A = Typeover/Insert    CTRL-R = Redraw
        CTRL-X = Delete character  CTRL-D = Delete rest of line

-- 1 to 19 of 1478 _informix1410_ge ----- Press CTRL-W for Help -----

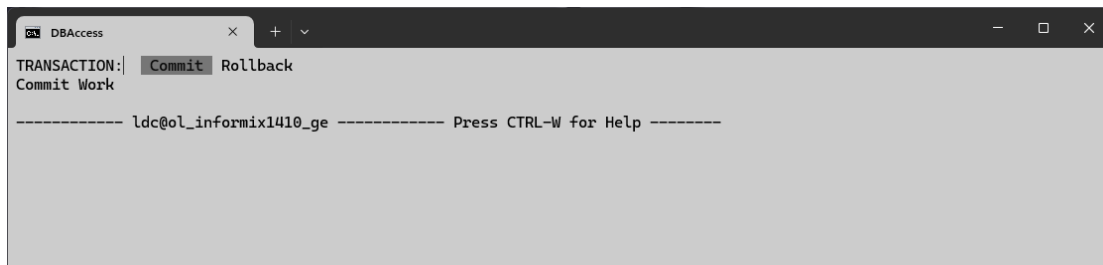
delete from access_log WHERE trans_num IS NOT NULL;
delete from net_msg WHERE msg_num IS NOT NULL;
delete from report_only WHERE report_num IS NOT NULL;
delete from config_run WHERE config_num IS NOT NULL;
delete from config_run_det WHERE config_num IS NOT NULL;
delete from config_ord_error WHERE cfig_num IS NOT NULL;
delete from system_log WHERE session_num IS NOT NULL;

{Group "A" - Standard LDC Load Tables}
delete from doc_edit WHERE doc_num IS NOT NULL;
load from "A-103-erp_doce.unl"
    insert into doc_edit;

delete from doc_fmt_edit WHERE doc_system IS NOT NULL;
load from "A-104-ldc_docx.unl"
    insert into doc_fmt_edit;

delete from doc_format WHERE doc_format IS NOT NULL;
load from "A-105-ldc_docf.unl"
```

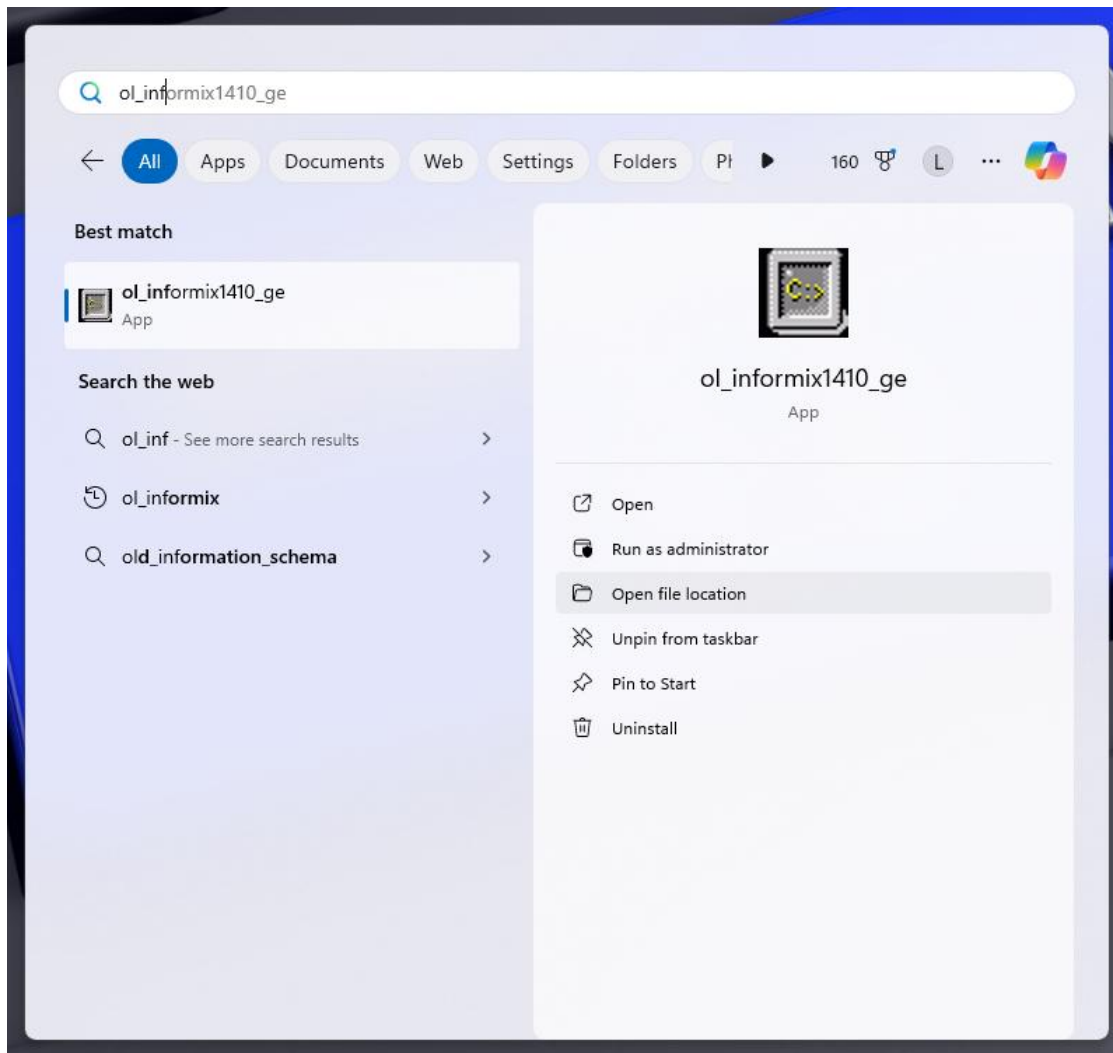
7. When exiting, select “**Commit**” option:



```
DBAccess
TRANSACTION:| Commit Rollback
Commit Work

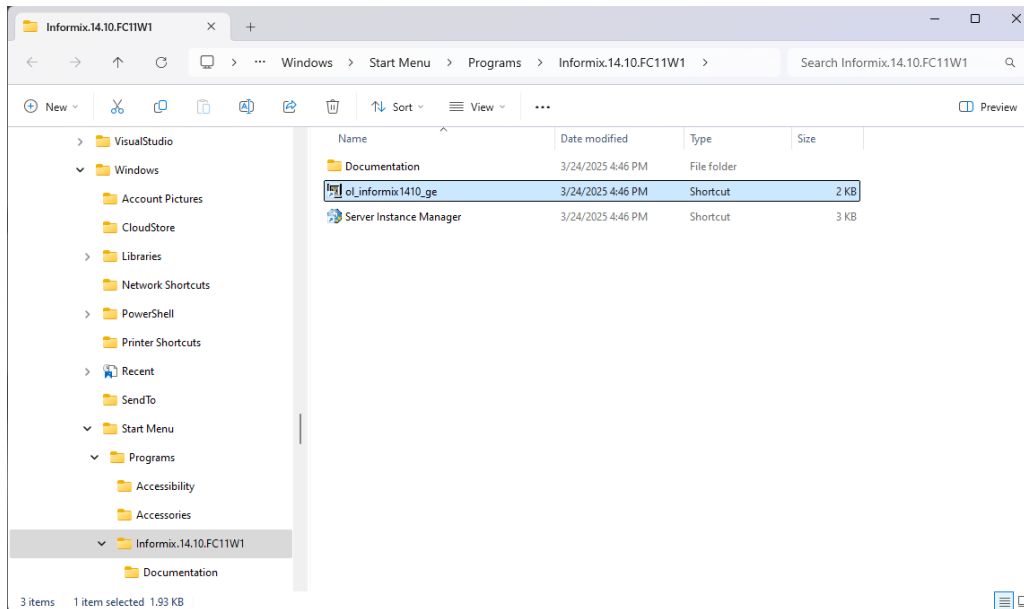
----- ldc@ol_informix1410_ge ----- Press CTRL-W for Help -----
```

8. To create a shortcut for the Informix Server database, search for the “**ol_informix1410_ge**” application and select “**Open file location**”:

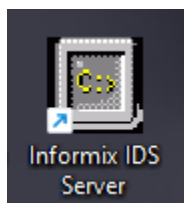
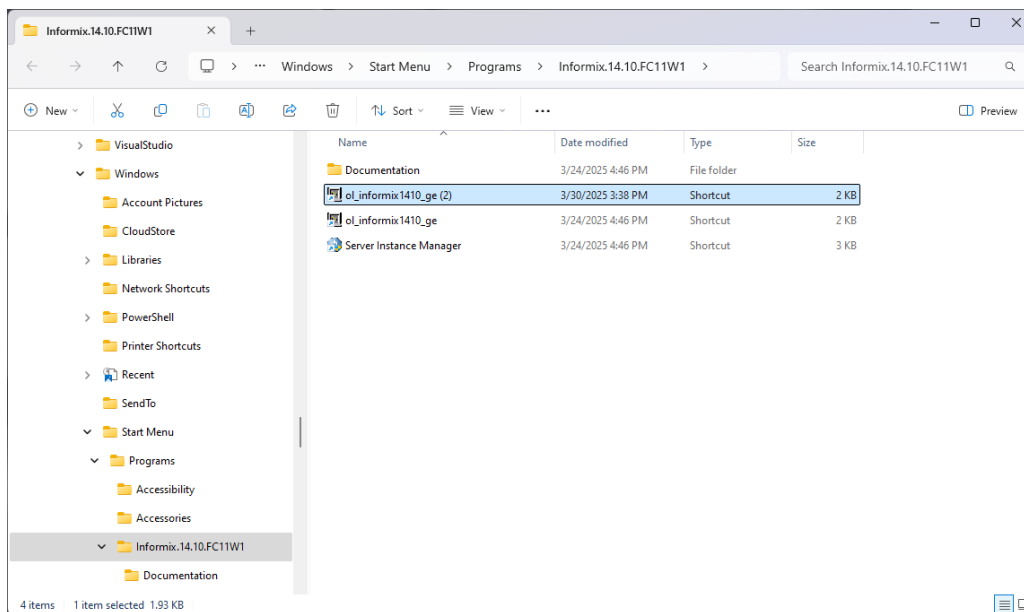


C:\Users > (Computer Name) > AppData > Roaming > Microsoft > Windows > Start Menu > Programs > Informix.14.10.FC11W1

9. Right-Click on “**ol_informix1410_ge**” application and select “**Create shortcut**”.



10. Highlight “**ol_informix1410_ge (2)**” and drag it to the Desktop and rename to “**Informix IDS Server**”.



Section 1.3: Install / Configure ODBC Driver Software

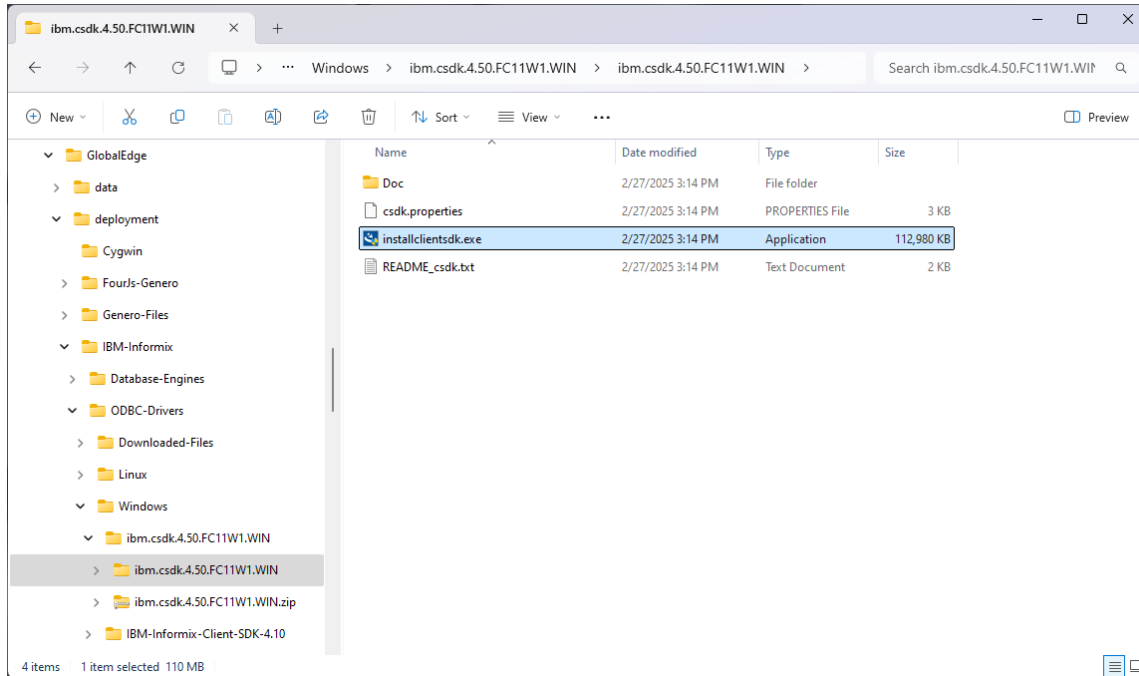
Below are the following procedures for installing the **IBM-Informix ODBC Driver** software (Version 4.50):

1.3.01 – Install IBM Informix ODBC Driver Version 4.50

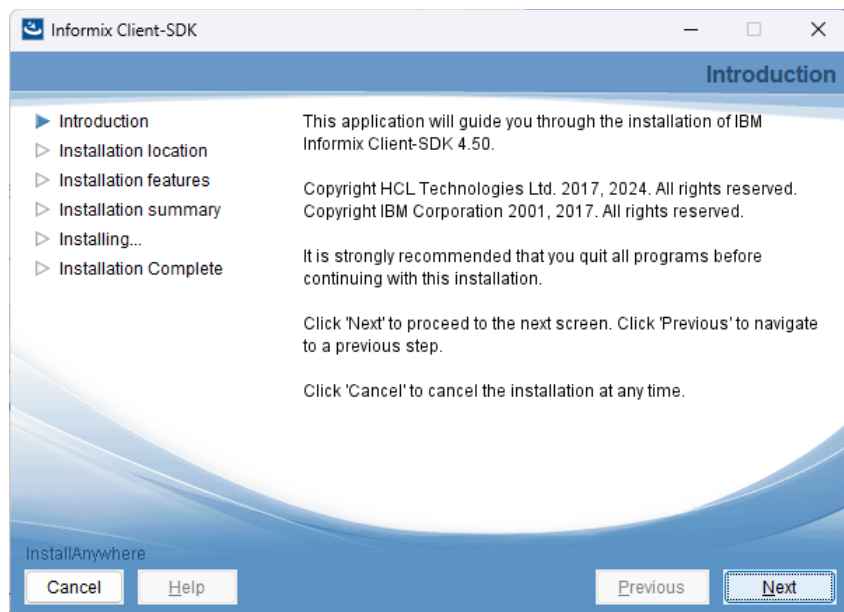
1. Access the following folder:

“GlobalEdge > deployment > IBM-Informix > ODBC-Drivers > Windows > ibm.csdk.4.50.FC11W1.WIN”

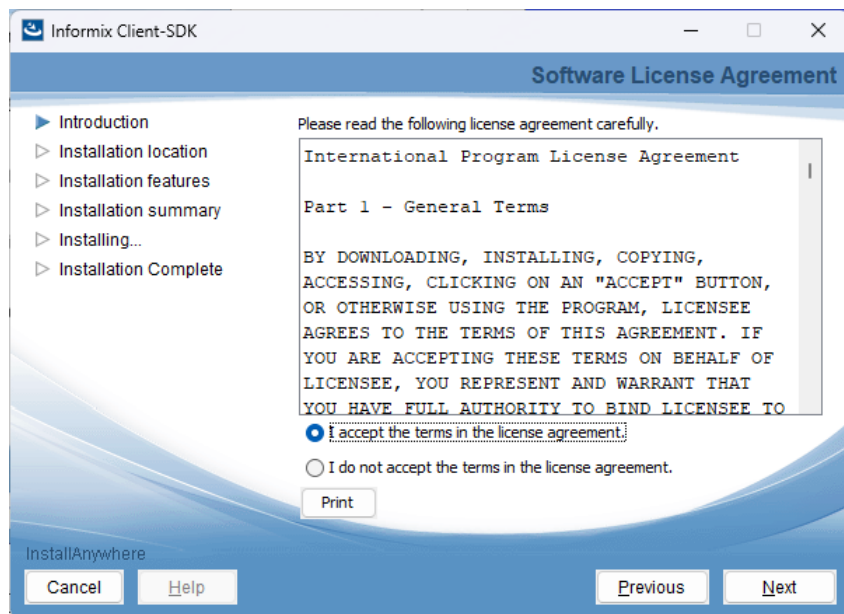
2. Double click on **“installclientsdk.exe”**:



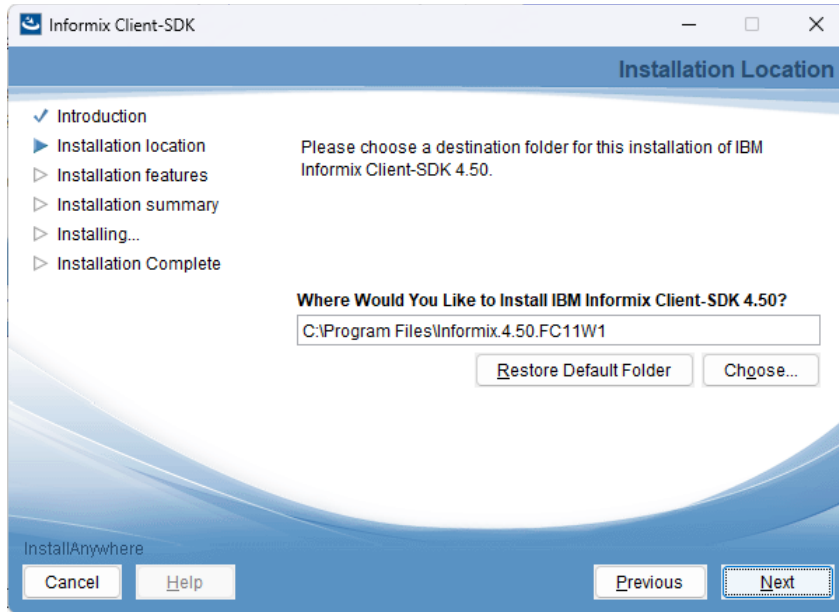
3. Select **“Next”** option on below screen:



4. Select **“I accept the terms in the license agreement”**, then select **“Next”** option on below screen:



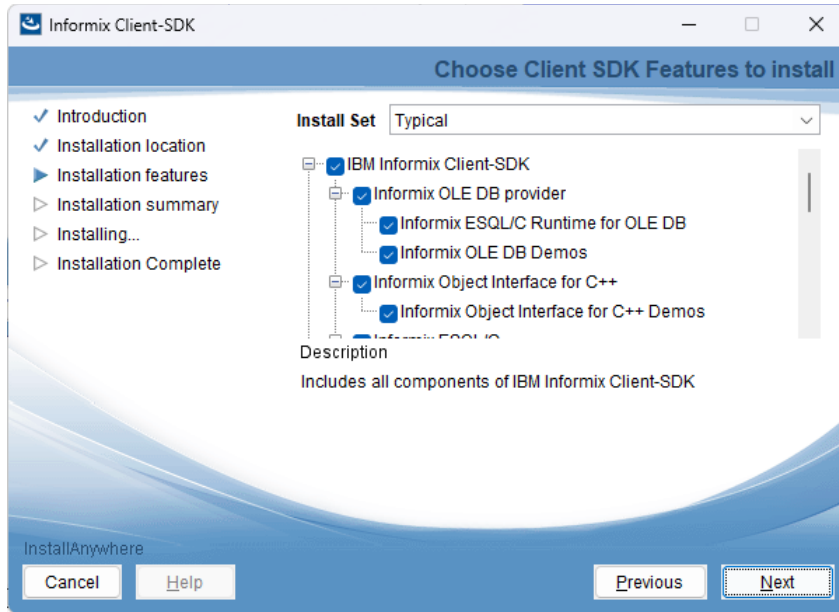
5. Select **“Next”** option on following screen the choose a destination folder listed below:



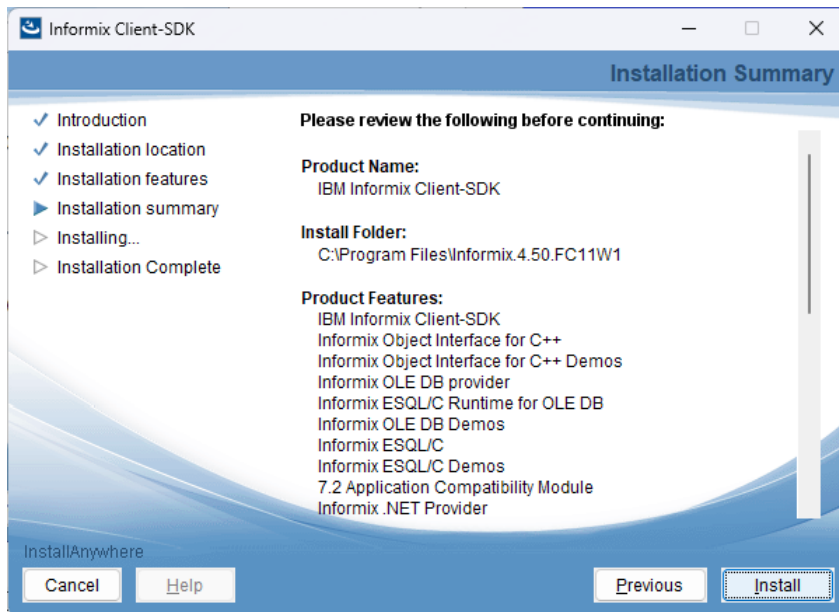
6. Select **“Next”** option on following screen for a **“Typical”** software installation:



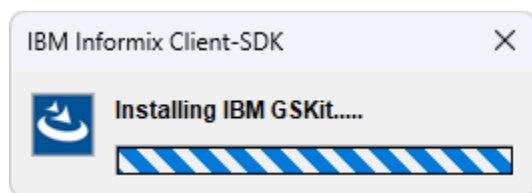
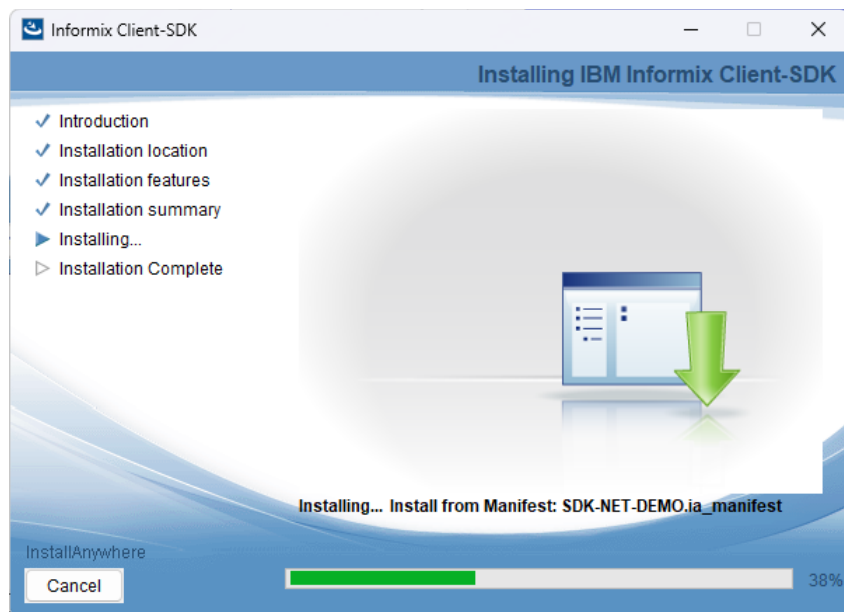
7. Select **“Next”** option on following screen for a **“Typical”** software installation:



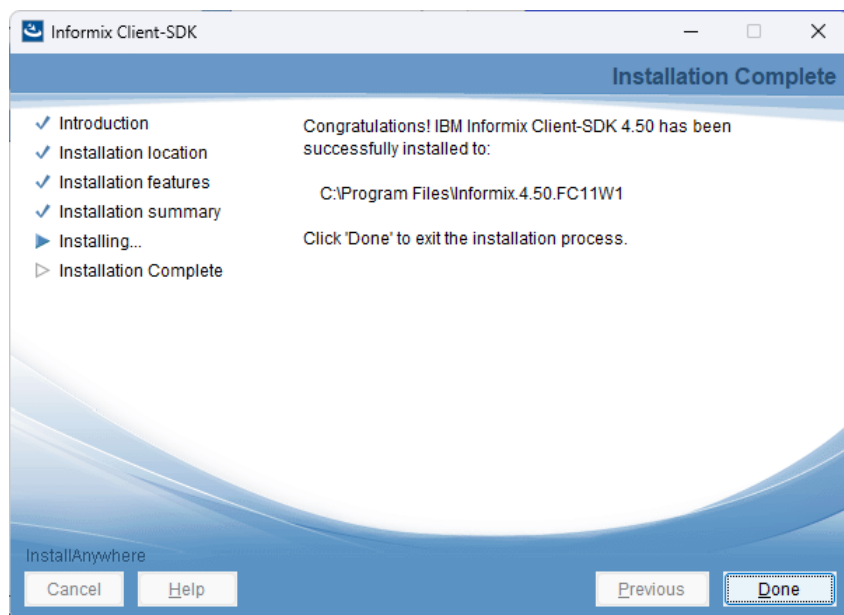
8. The following screen will display as the IBM Informix Client SDK software is installed:



9. Select the **“Install”** which will then display the following screen as the installation process takes place:

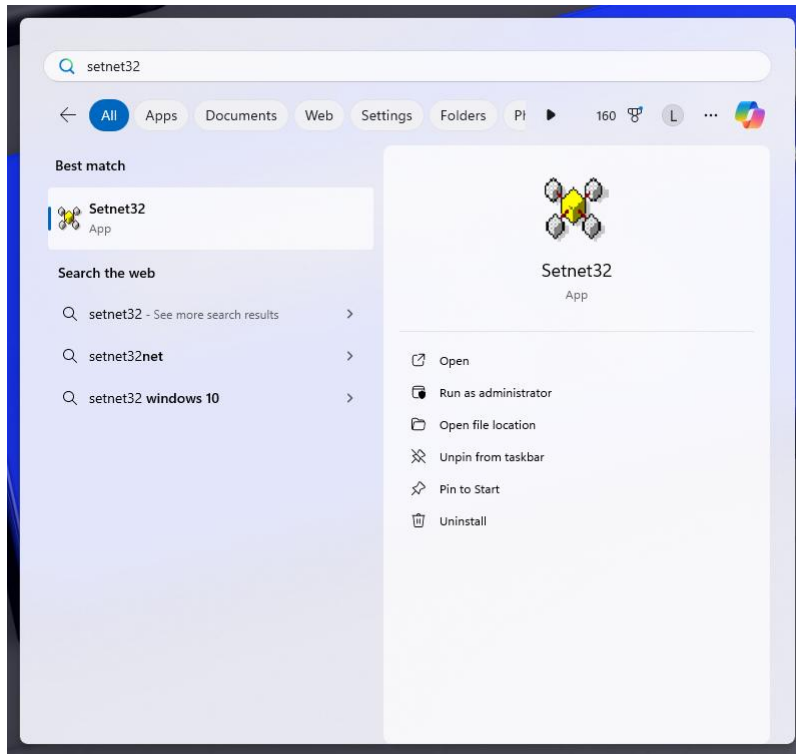


10. Once the software installation is complete, the following screen is displayed:

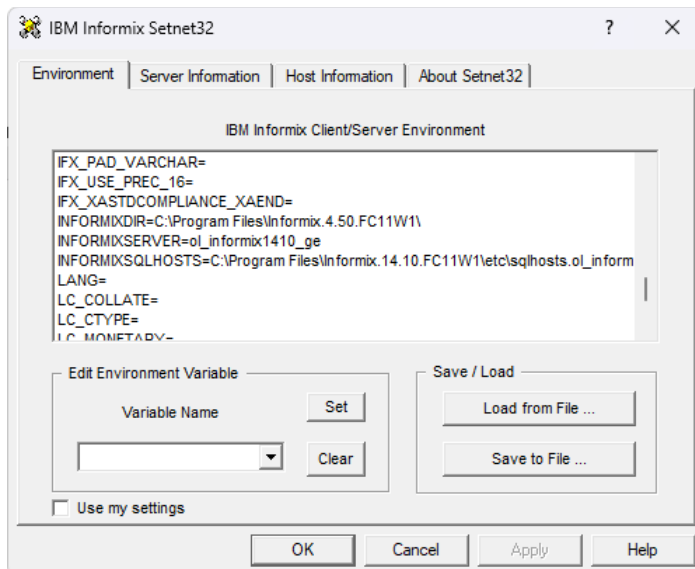


1.3.02 – ODBC Driver Setup

1. Access the “**Setnet32**” software application:



2. This will display the following IBM Informix Setnet32 “**Environment**” tab:



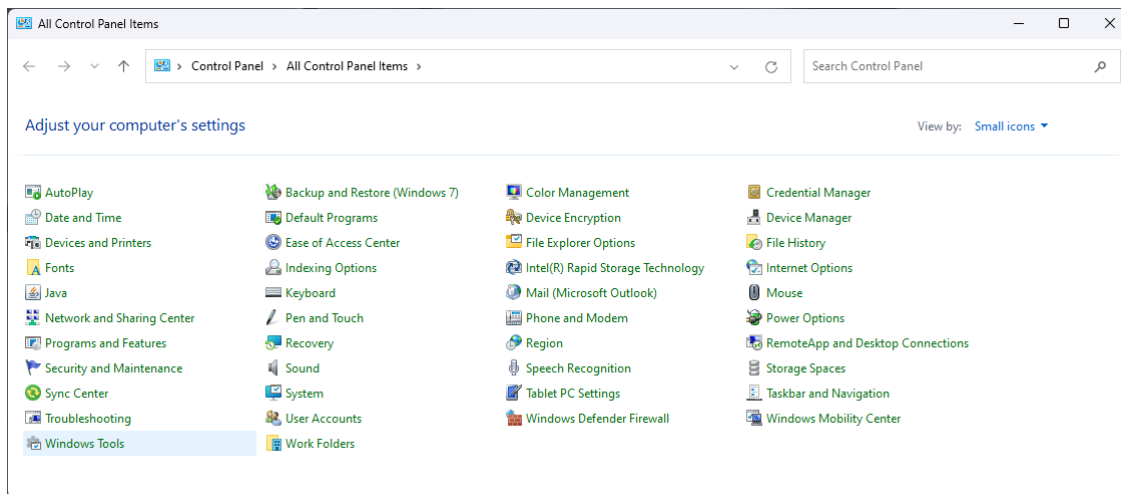
3. This will display the following IBM Informix Setnet32 **“Server Information”** tab:

The screenshot shows the 'Server Information' tab of the IBM Informix Setnet32 application. The window has a title bar with the IBM logo and the text 'IBM Informix Setnet32'. Below the title bar are four tabs: 'Environment', 'Server Information' (which is selected), 'Host Information', and 'About Setnet32'. The main area contains several fields: 'IBM Informix Server' with a dropdown menu showing 'ol_informix1410_ge', 'HostName' with a dropdown menu showing '*DESKTOP-CNG0U19', 'Protocolname' with a dropdown menu showing 'onsoc tcp', 'Service Name' with a text field containing 'ol_informix1410_ge', and 'Options' with an empty text field. Below these fields are two buttons: 'Make Default Server' and 'Delete Server'. At the bottom of the window are four buttons: 'OK', 'Cancel', 'Apply', and 'Help'.

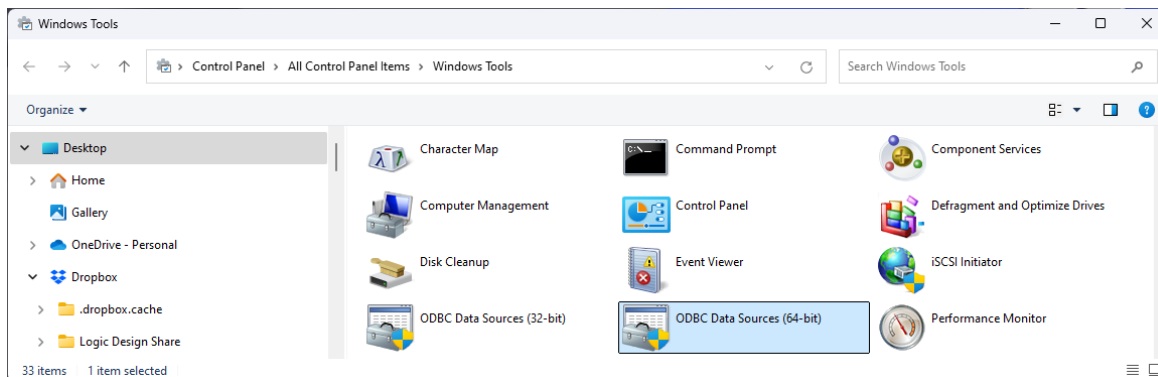
4. This will display the following IBM Informix Setnet32 **“Host Information”** tab:

The screenshot shows the 'Host Information' tab of the IBM Informix Setnet32 application. The window has a title bar with the IBM logo and the text 'IBM Informix Setnet32'. Below the title bar are four tabs: 'Environment', 'Server Information', 'Host Information' (which is selected), and 'About Setnet32'. The main area contains several fields: 'Current Host' with a dropdown menu showing '*DESKTOP-CNG0U19', 'User Name' with a text field containing 'informix', 'Password Option' with a dropdown menu showing 'Password', and 'Password' with an empty text field. Below these fields is a button labeled 'Delete Host'. At the bottom of the window are four buttons: 'OK', 'Cancel', 'Apply', and 'Help'.

5. Access Windows 11 Control Panel:

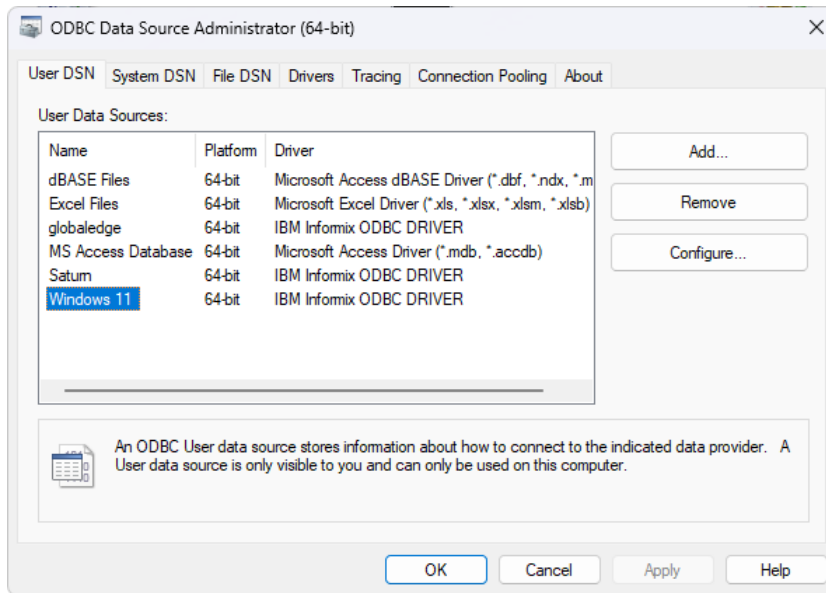


6. Select “**Windows Tools**” to display the following options:

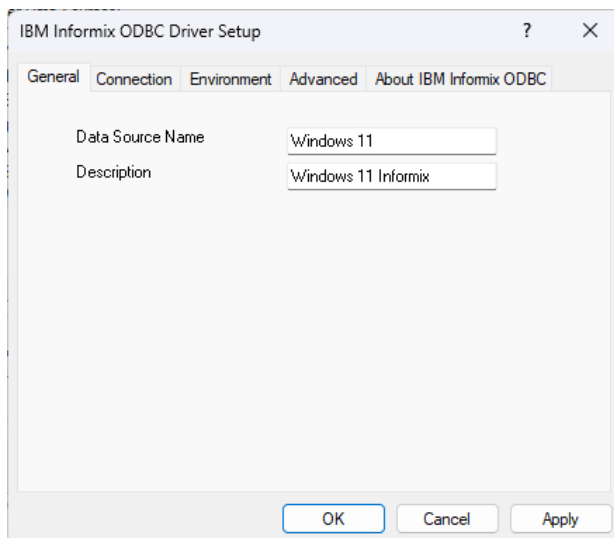


7. Select **“ODBC Data Sources (64-bit)”** to display the following options:

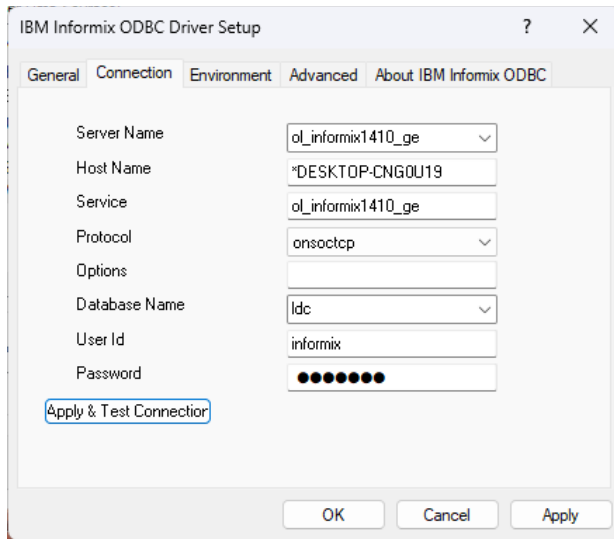
Windows 11



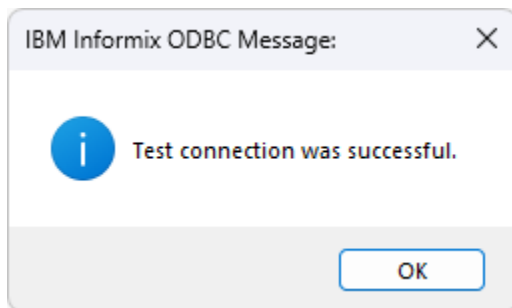
8. Select **“Windows Tools”** option in Windows Control Panel and select **“ODBC Data Sources (64-bit)”** option:



9. Select **“Add or Configure”** option when the following screen is displayed:



10. Select the **“Apply & Test Connection”** option and the following prompt should appear if the ODBC connection is successful:



Section 1.4: Install Global Edge Software

Global Edge® Engineering Assistant includes several software components that includes Four Js Genero Run-Time software, Engineering Assistant Software Module, and SolidWorks CAD Interface Software Module.

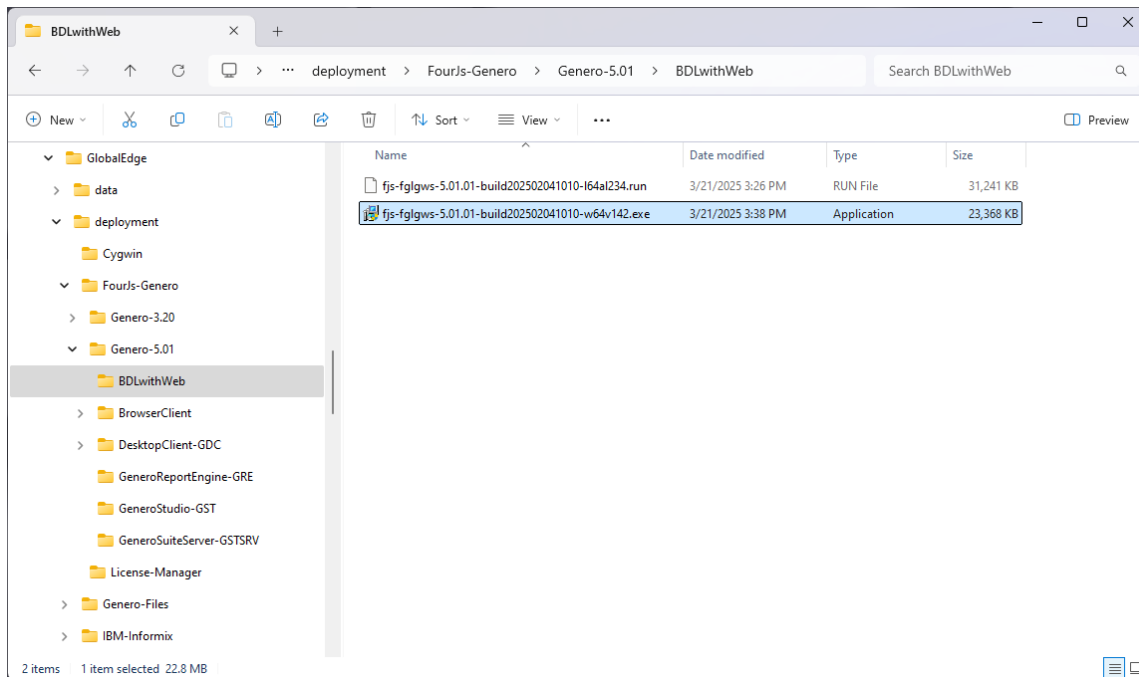
1.4.01 – Install Genero Run-Time Software

Below are the following procedures for installing the **Genero Run-Time** software:

1. Access the following folder:

“GlobalEdge > deployment > FourJs-Genero > Genero-5.01 > BDLwithWeb > fjs-fglgws-5.01.01-build202502041010-w64v142.exe”

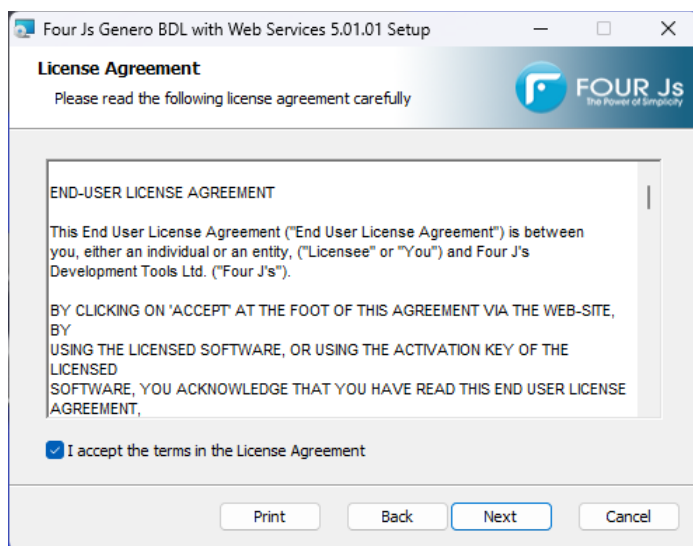
2. Double click on **“fjs-fglgws-5.01.01-build202502041010-w64v142.exe”**:



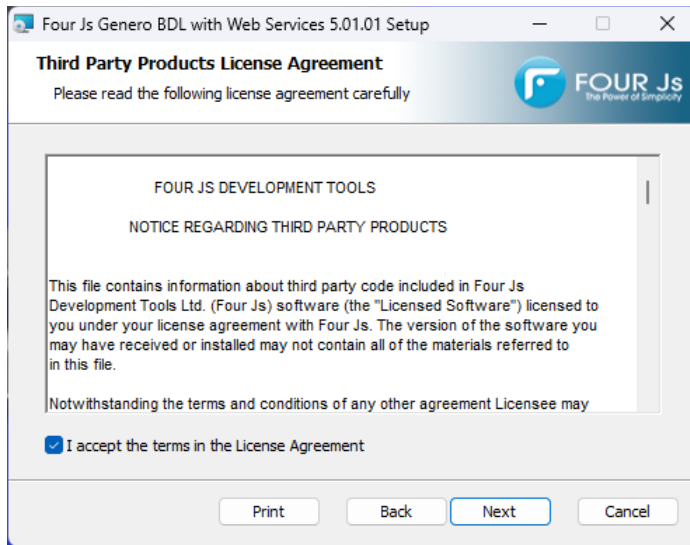
3. Select **“Next”** option on the following screen:



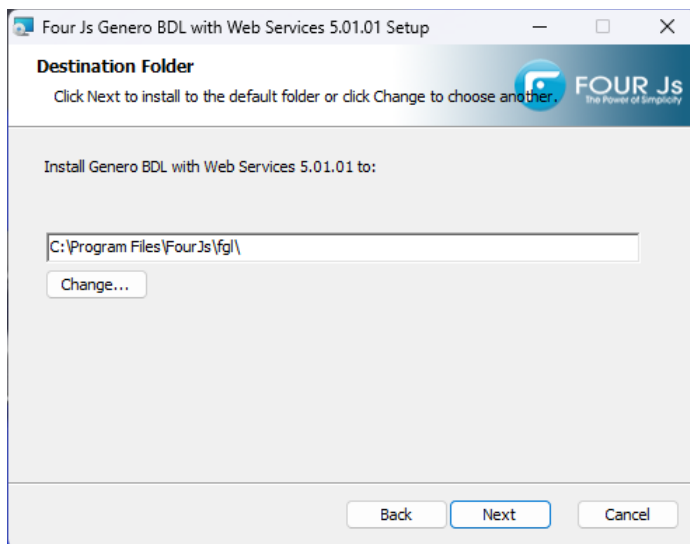
4. Check **“I accept the terms in the License Agreement”** then select **“Next”** on the following screen:



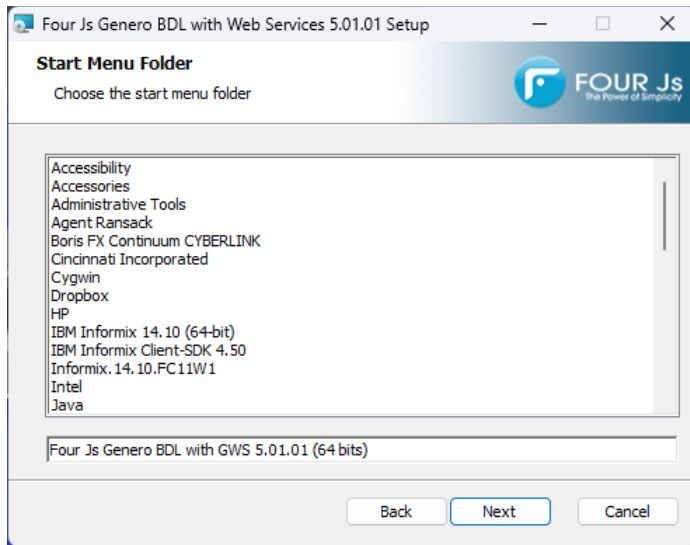
5. Check ***“I accept the terms in the License Agreement”*** then select ***“Next”*** on the following screen:



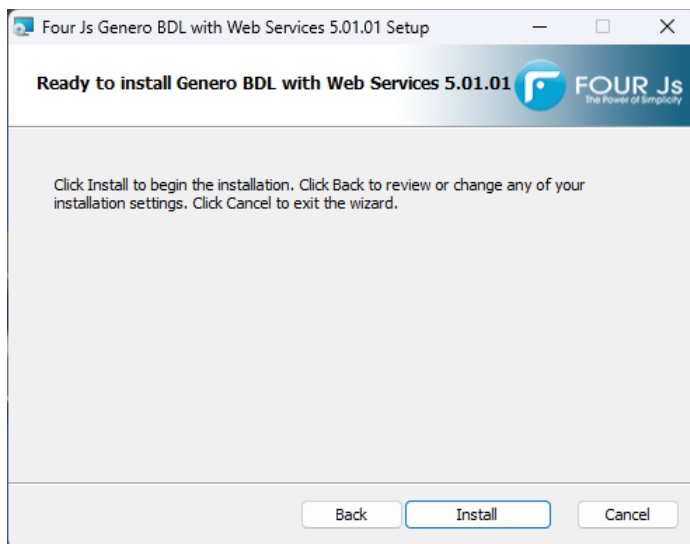
6. Select the ***“Next”*** option for the Destination Folder on the following screen:



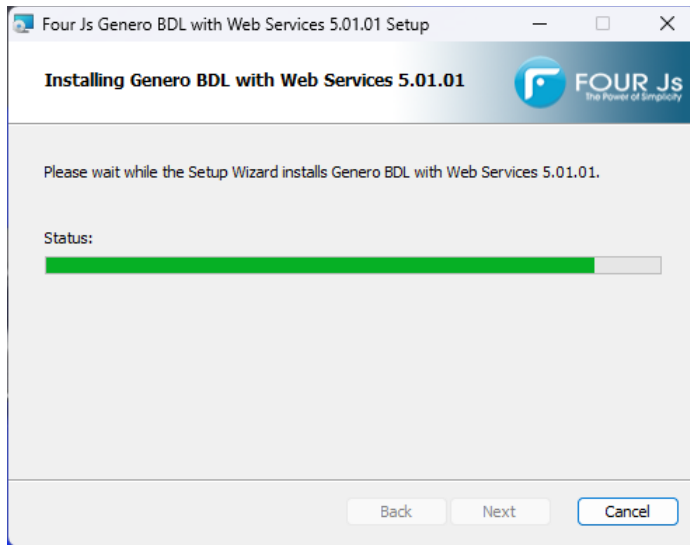
7. Select the **“Next”** option to proceed on the following screen:



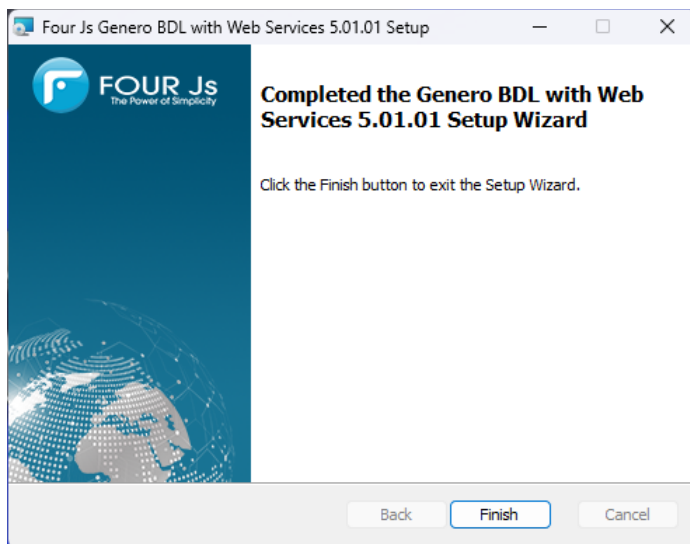
8. Select the **“Install”** option to proceed on the following screen:



9. The following screen is displayed during the software installation process:



10. Select the **"Finish"** option to complete the software installation process:



License Configuration Page

Genero Business Development Language - Version: 6.00.22-202410010945 (w64v142)

License string

License number

License key

Maintenance key

Customer code

No license installed.

☐ Temporary installation

☐ Network proxy settings

When you have completed the requisite fields, the Install license button enables.
Clicking this button installs a temporary license.

To activate the license, you have two options:

- Enter your customer code and click the Activate license button (Internet connection required).
- Manually activate your license:
 - Select the Manual License Activation check box.
 - Click the Four Js Online Registration link.
 - Complete the online registration. If successful, this returns an installation key.
 - Return to the Licensing form and enter the installation key.
 - Click Activate license.

2 User Four Js Genero Run-Time License – Number One - Saturn

License : TAB#CAC007NL

License key: 10XHV08SHCQR

2 User Four Js Genero Run-Time License – Number Two - vmWare

License : TAB#CAC01B1L

License key: 10XHV08SVKWL

Four Js Genero Compiler-Time License

License : TAB#AAF0178G

License key : E66E2T5V2QCS

Product : Four Js Universal Compiler

Type : Development version

Users : 5

```
C:\Program Files\FourJs\fg\bin>fg\Wrt -L TAB#CAC01B1L 10XHV08SVKWL
```

Last Update: Friday, April 03, 2026

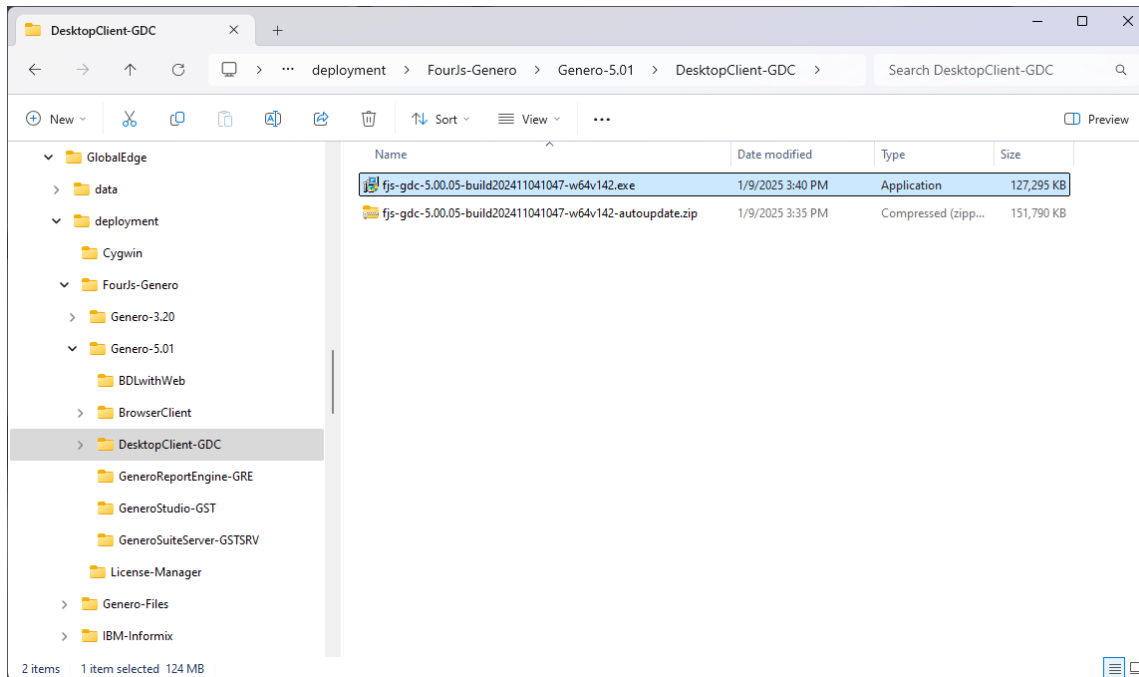
1.4.02 – Install Genero Desktop Client Software

Below are the following procedures for installing the **Genero Desktop Client** software:

1. Access the following folder:

“GlobalEdge > deployment > FourJs-Genero > Genero-5.01 > DesktopClient-GDC > fjs-gdc-5.00.05-build202411041047-w64v142.exe”

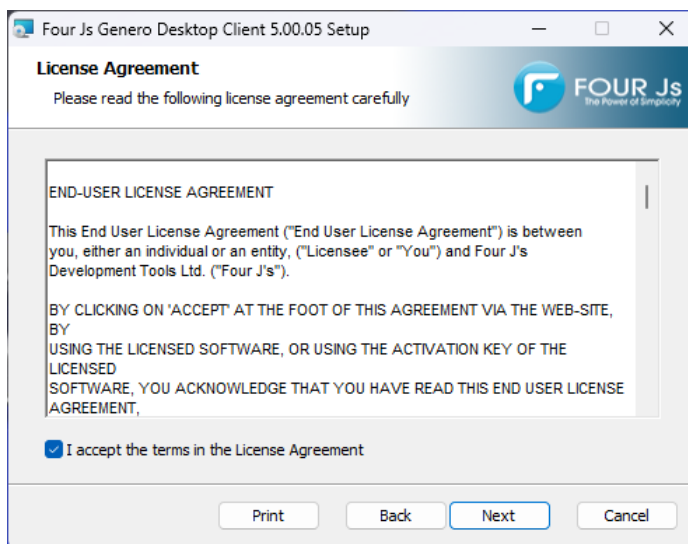
2. Double click on **“fjs-gdc-5.00.05-build202411041047-w64v142.exe”**:



3. The following will appear, then select the **“Next”** option:

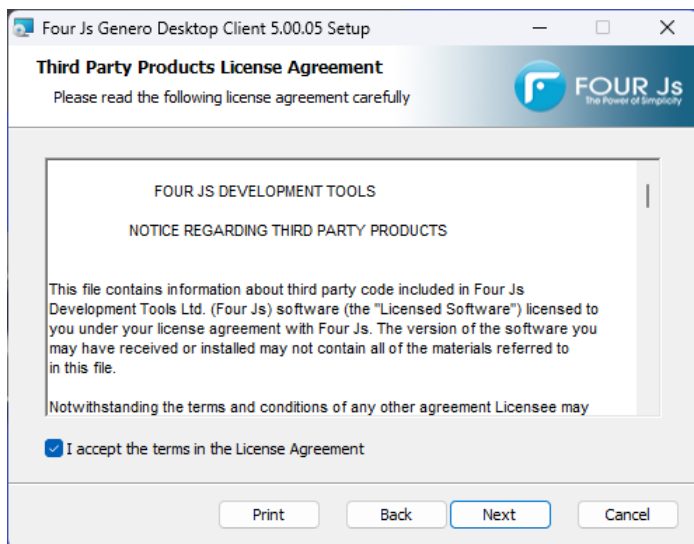


4. When the following screen form appears, check the **“I accept the terms in the License Agreement”** box, then select the **“Next”** option:

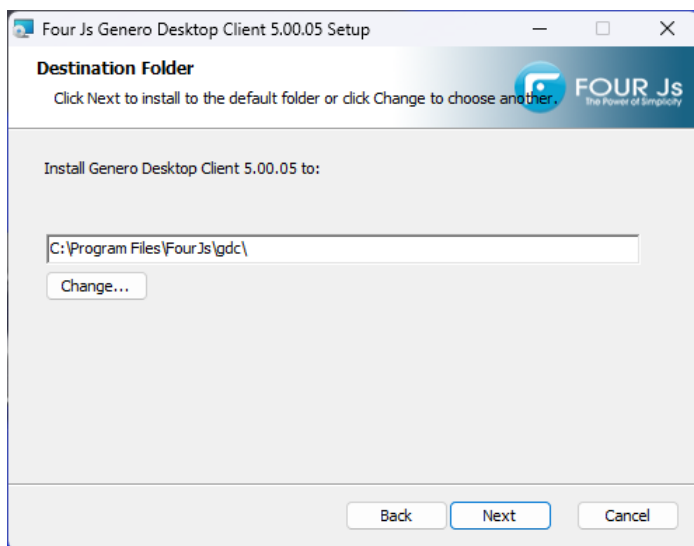


Last Update: Friday, April 03, 2026

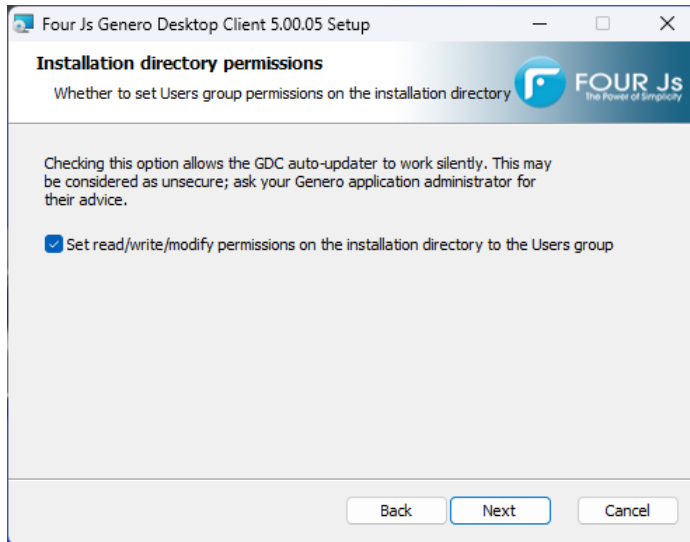
5. When the following screen form appears, check the ***“I accept the terms in the License Agreement”*** box, then select the ***“Next”*** option:



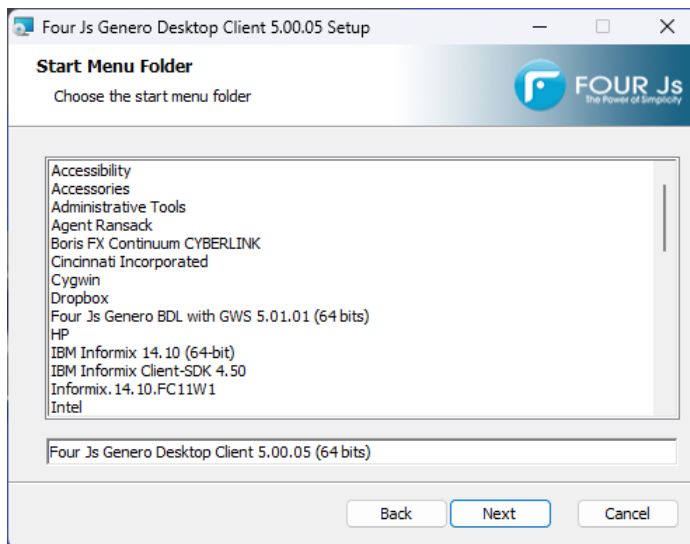
6. When the following screen form appears, select the ***“Next”*** option to create the default Destination Folder:



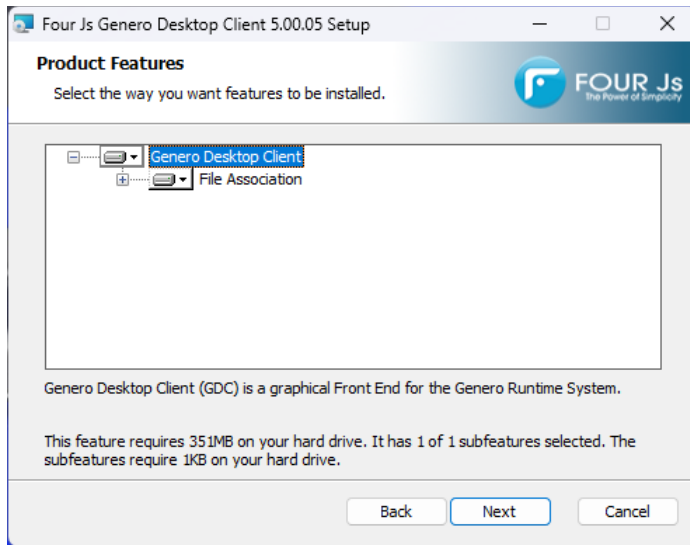
7. When the following screen form appears, check ***“Set read/write/modify permissions on the installation directory to the Users group”***, then select the ***“Next”*** option:



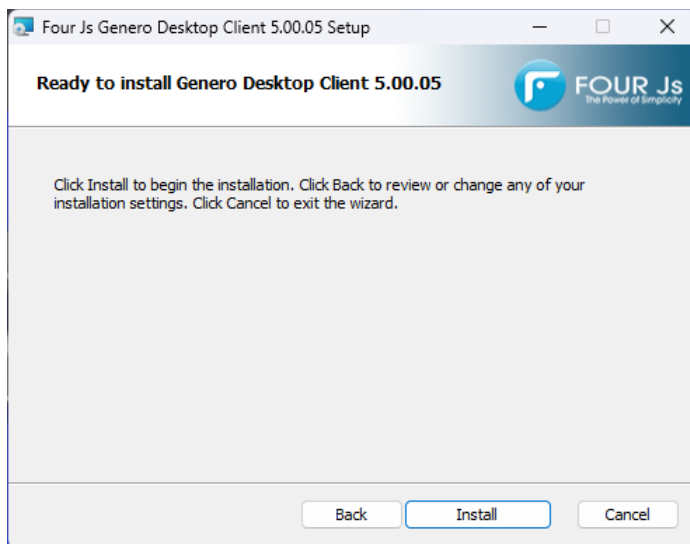
8. When the following screen form appears, select the ***“Next”*** option to select the default Start Menu Folder:



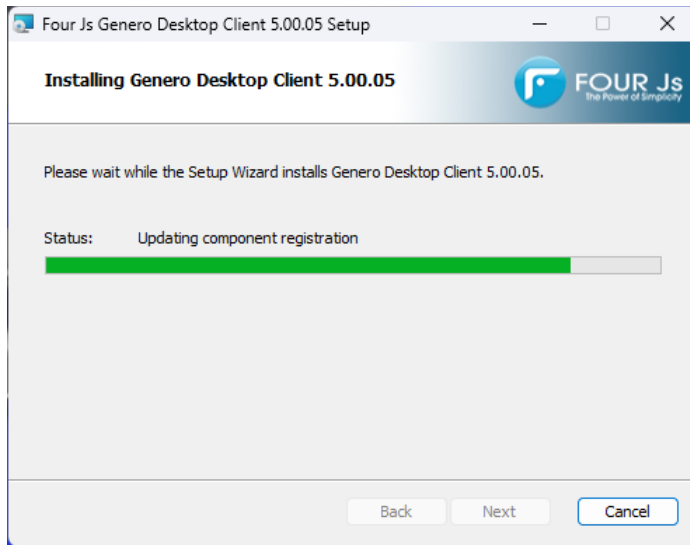
9. When the following Product Features screen form appears, select the **“Next”** option to continue:



10. When the following screen form appears, select the **“Install”** option to install the software:



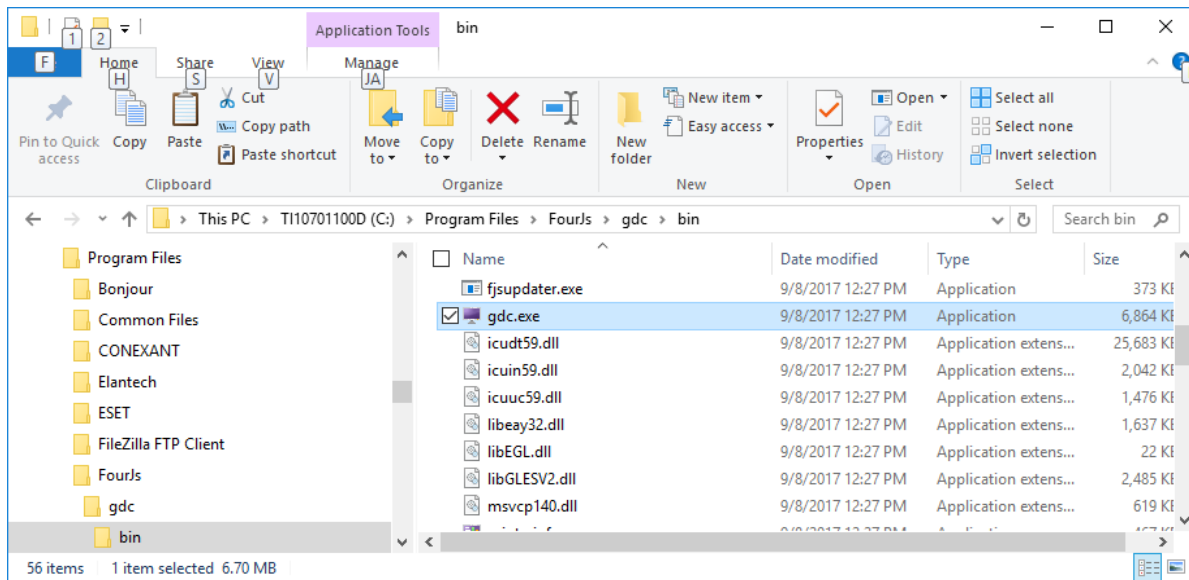
11. During the software installation process, the following screen form appears:



12. When the software is finished installing, select the **“Finish”** option:



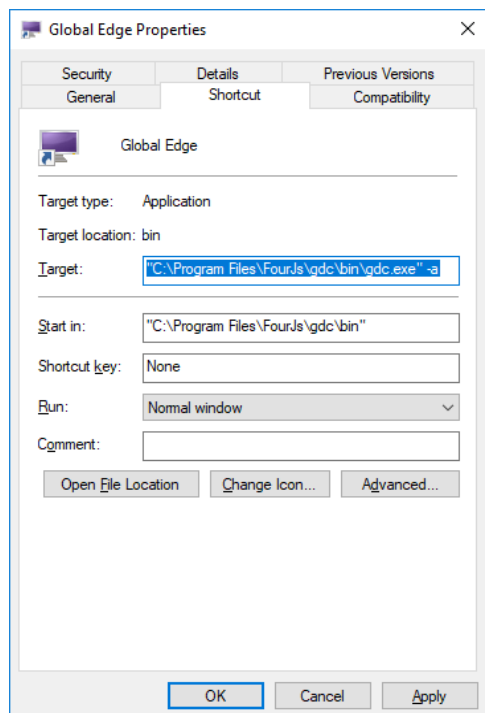
13. With Windows File Explorer access the “**C:\Program Files\FourJs\gdc\bin**” folder and highlight the file “**gdc.exe**” file, right-click and create desktop shortcut:



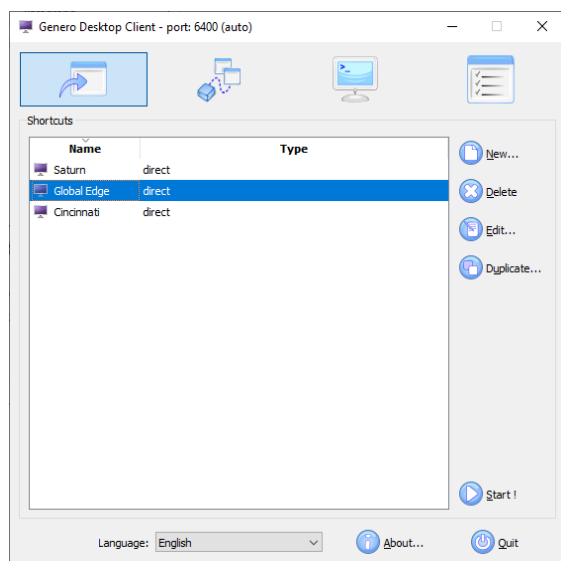
14. Right-Click on “**Genero 5.05 Desktop Client**” (**Global Edge**) icon and select “**Properties**”:



15. Add an “-a” to the end of the Target “**C:\Program Files\FourJs\gdc\bin\gdc.exe**” path (be sure to include a space before minus sign), then click “OK”:



16. Double-Click “**Global Edge**” icon on the Desktop and select the “**New**” option on the following screen:



17. Enter “**SERVER-NAME**” into the “**Shortcut name**” field, then select “**Next**” option:

Genero Desktop Client - Edit Shortcut

Shortcut identification

Name: Global Edge

Icon: [Empty]

☐ Store shortcut in settings

Connection type

☒ Direct, connection is established through terminal emulation

☐ HTTP, through a web server

☐ Local execution

Optional:

Previous Next Finish Cancel

Settings:

Name: Global Edge

18. Enter Host information Name “**SERVER-IP-Address**” followed by Command “**@FGL;gldc**”, then select the “**Next**” option:

Genero Desktop Client - Edit Shortcut

Host information

Name: 192.168.17.60

Command: @FGL;gldc

Optional:

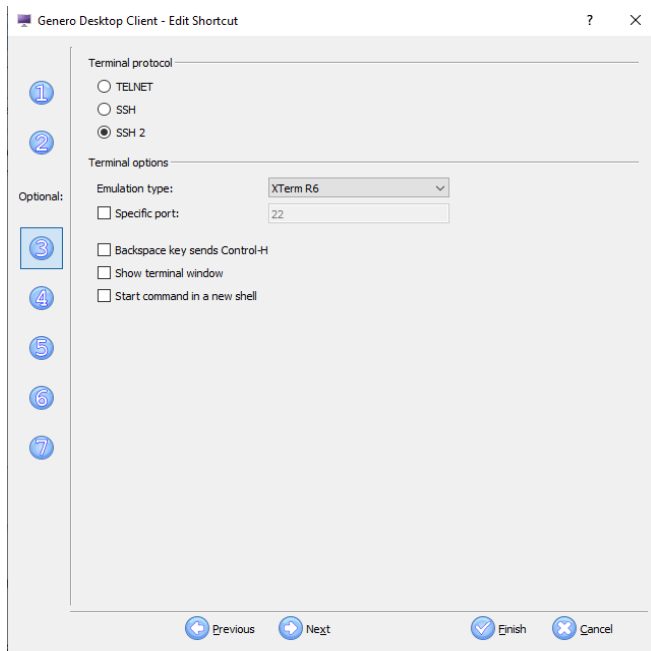
Previous Next Finish Cancel

Settings:

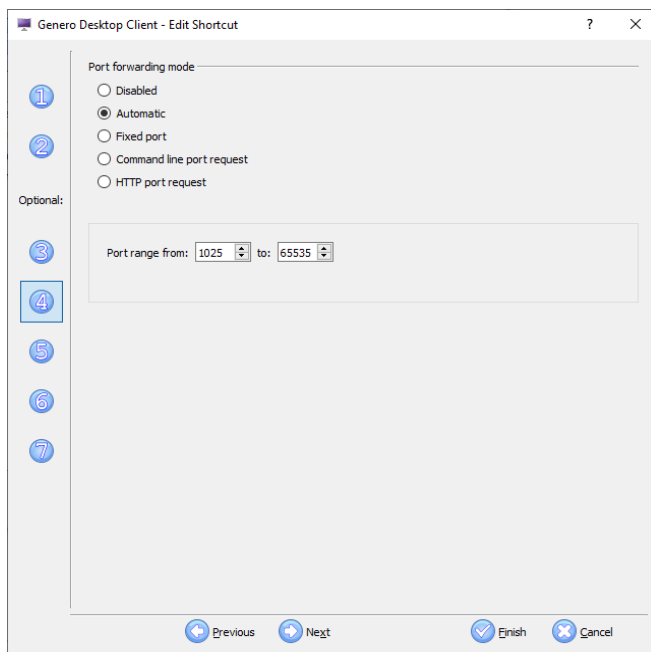
Name: 192.168.17.60

Command: @FGL;gldc

19. Select **“SSH 2”** for Terminal Protocol and select **“XTerm R6”** for Terminal options, then select the **“Next”** option:



20. Select **“Automatic”** option for Port forwarding, options, then select the **“Next”** option:



21. Enter the following values for Authentication method **“Standard”** and for User enter **“ldc (login name)”**, then select the **“Next”** option:

Genero Desktop Client - Edit Shortcut

1 2 3 4 5 6 7

Login form

Form file:

☒ Always On Top

Authentication method

☒ Standard

☐ Kerberos

Optional:

User:

☒ Password required

SSH Key file:

Previous Next Finish Cancel

22. Leave default values on Terminal strings options, then select the **“Next”** option:

Genero Desktop Client - Edit Shortcut

1 2 3 4 5 6 7

Terminal strings

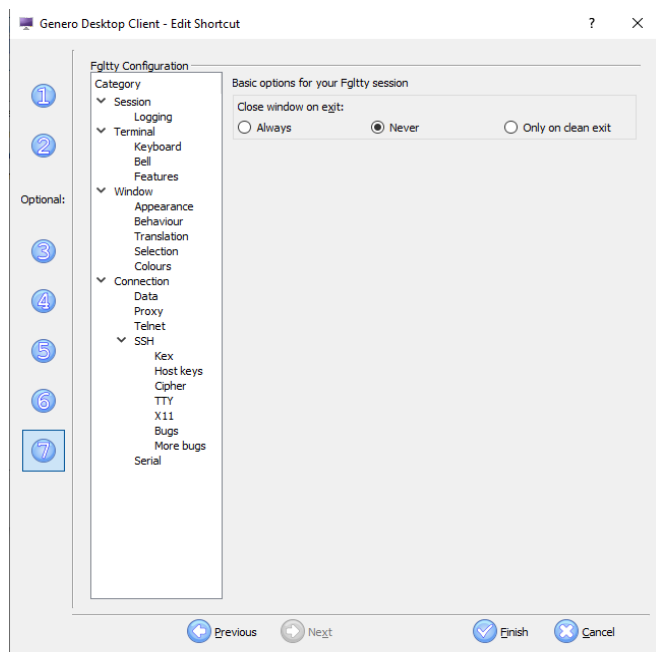
Encoding:

	String	Action
1	password:	send password
2	last login:	execute the host command
3	incorrect	end terminal
4	Permission denied	end terminal
5	Access denied	end terminal
6	<FGLAUTOPORT>=	retrieve forwarding port

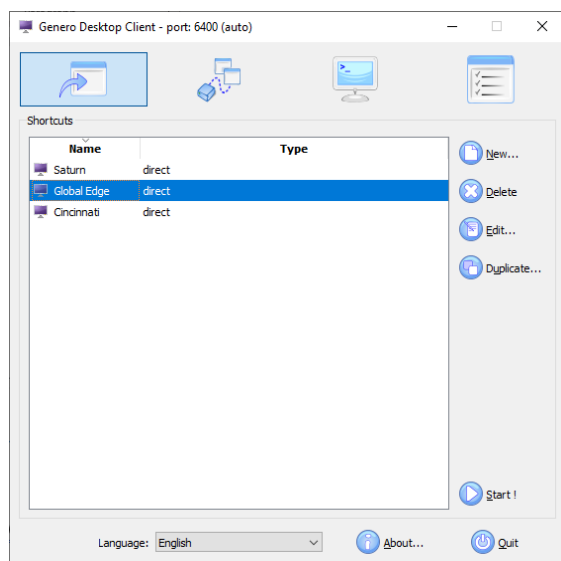
☒ Check only once ☐ Ignore remaining strings ☐ Clear password

Previous Next Finish Cancel

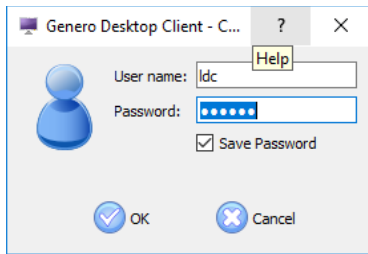
23. Leave default values on Fgltty Configuration options, then select the **“Finish”** option:



24. Select the **“SERVER-NAME”** Shortcut Name on the Genero Desktop Client screen and select the **“Start”** option:



25. Enter the User name and Password that was assigned to the user and select the **“OK”** option:

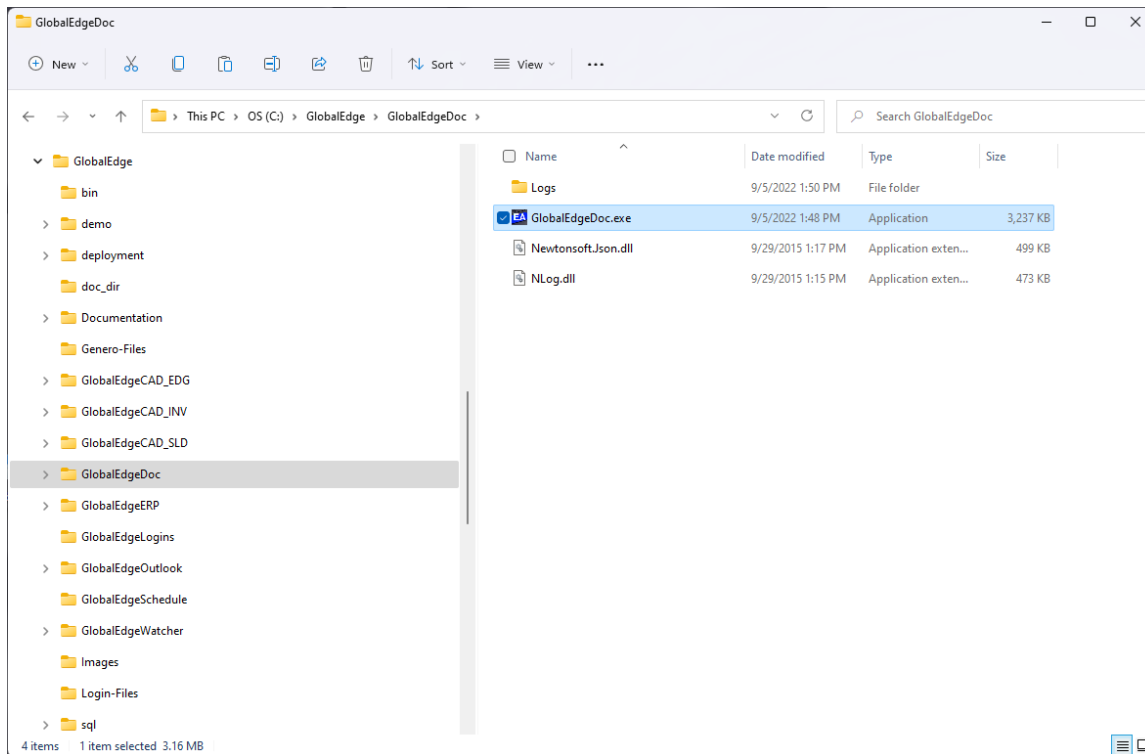


26. This will display the MAIN MENU:

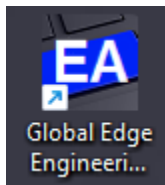


1.4.02 – Install Engineering Assistant Software Module

1. Access the folder “C:\GlobalEdge\GlobalEdgeDoc” and highlight the file “GlobalEdgeDoc.exe”:



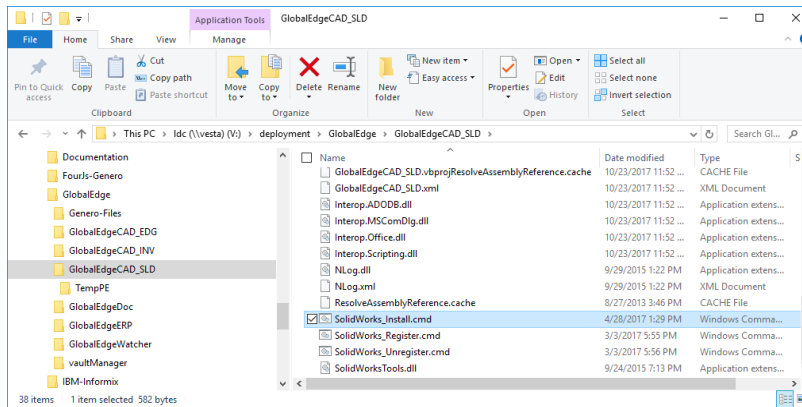
2. Right-Click and create a Shortcut and place it on your Desktop and rename it “Global Edge Engineering Assistant”:



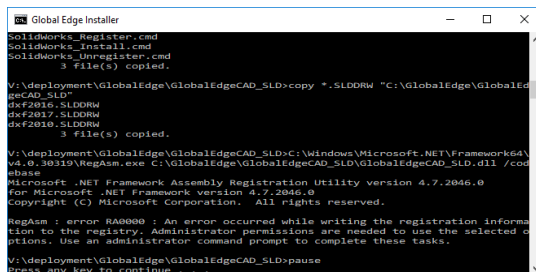
1.4.03 – Install SolidWorks CAD Interface Software Module

1. In the Deployment folder on the **Global Edge** server browse to the following directory (substitute the driver letter of your mapped **Global Edge** with the “C” in this example):

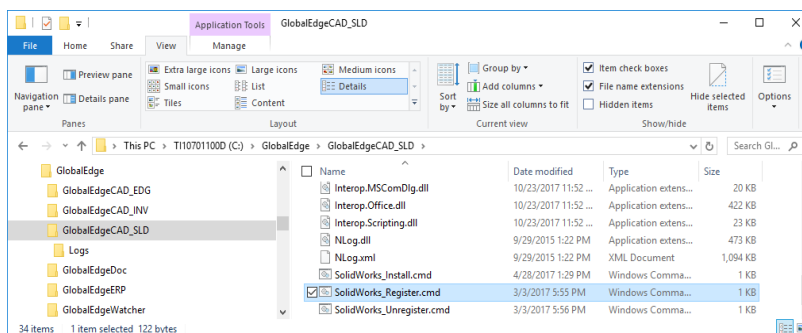
C:\deployment\GlobalEdge\GlobalEdgeCAD_SLD



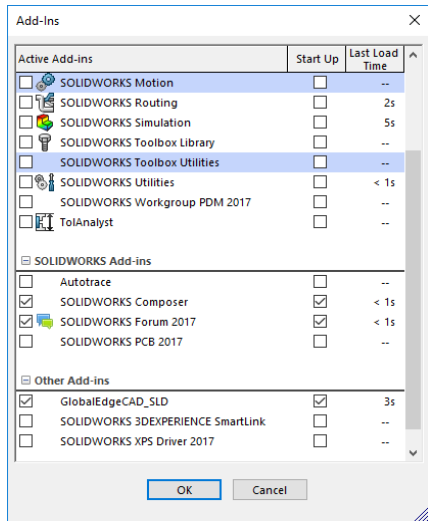
2. Click on **“SolidWorks_Install.cmd”** file to install the SolidWorks CAD Interface software, which will display the following screen:



3. The next step is to register the SolidWorks CAD Interface Add-In software. Browse to the following folder on your “C” drive and click on **“SolidWorks_Register.cmd”** file to register the SolidWorks CAD Interface Add-In software:



4. Launch SolidWorks, then access the Tools menu and select the **“Tools > Add-Ins”** option to display the following screen and select **“GlobalEdgeCAD_SLD”** in the **“Other Add-ins”** section followed by selecting **“OK”**:



5. Select the **“Tools > Global Edge Setup”** option to display the below screen. Check **“DXF Files”** under **“Export Options”**. Select **“Sales Location”** option and browse to **“Sales”** folder, followed by selecting **“Save”** option:

