Verify System i Access for Windows features and initial setup (System i Access V5Rx)

The applications that you will develop in this course use features of the System i Access for Windows product. The components that you will use may include the following:

- Data Transfer To/From programs
- Data Transfer Excel Add-in
- System i Access ODBC driver
- System i Access OLE DB driver
- System i Access .NET Data Provider

To work with the examples shown in this course, you need to verify that the System i Access components are installed. If the components are not installed, you will need to locate your System i Access install media and install the components.

Follow these steps to verify that you have the System i Access components installed on your PC.

Verify PC features

____ On your PC, locate and open the System i Access program group (Figure 1).

Note: your version of the System i Access program group may look different or contain different items, depending upon your Windows configuration and your System i Access install options.



iacc001

Figure 1: Locate the System i Access for Windows program group and open the Selective Setup program.

____ Locate and click the **Selective Setup** item to start the System i Access Selective Setup program.

_____ The Selective Setup panel shown in Figure 2 is displayed. Click the **Next** button.



Figure 2: Click Next on the Selective Setup panel.

On the Selective Setup Options panel (Figure 3), select the Ignore option, then click the Next button.



Figure 3: Select the Ignore option and click the Next button.

iacc003

You will see the subcomponents of the Data Access option, as shown in Figure 4 (System i Access V5R3M0 or higher) or Figure 5 (System i Access V5R1M0 or V5R2M0). Verify that the following subcomponents are checked:

- Data Access
 - Data Transfer and all of its subcompents (if your company is licensed to use this component). The Excel Add-in is a subcomponent of Data Transfer.
 - ODBC
 - OLE DB Provider
 - .NET Data Provider (V5R3, V5R4 only)

Component Selection		X
Deselect the components you want to remove.		
Components	Size	License Required 🔨
🛛 🔽 🗱 Required Programs	0 K	
🕀 🔽 🌠 Optional Components	0 К	
🕀 🔽 🧭 iSeries Navigator	0 K	
🛱 🔽 🐼 Data Access	0 K	
🗟 🕞 🔽 📠 Data Transfer	0 K	✓
📃 🗌 🖂 🎯 ODBC	0 K	
🚽 🖂 🚰 OLE DB Provider	0 K	
📃 🖳 🖵 🕵 .NET Data Provider	0 K	
- 🔽 🚜 AFP Workbench Viewer	0 K	~
		>
Drive: C: Space Required: 0 M Space Available: 547	'3 M	
Help < Back	<u>N</u> ext >	Cancel

iacc004

Figure 4: Expand the Data Access option. You will see the ODBC and OLE DB Provider (and the .NET Data Provider options if you have System i Access V5R3M0 or higher installed).

Component Selection			×
Deselect the components you want to remove.			
Components	Size	License Required	
😐 🗹 🌠 Express Optional Components	0 K		
😐 🔽 🧭 AS/400 Operations Navigator	0 K		
🔁 🔽 🦔 Data Access	0 K		
🕀 🚽 🖾 Data Transfer	0 K	~	
	0 K		
📃 🖳 🖳 🔁 OLE DB Provider	0 K		
- 🛛 🔁 🛃 AFP Workbench Viewer 🔓	0 K		
	0 K		
😐 🔽 🜉 5250 Display and Printer Emulator	0 K	~	
😐 🗹 🖓 Secure Sockets Layer (SSL)	0 K		•
		•	
Drive: C: Space Required: 0 K Space Available: 654920 K			
Help <u>Sack</u>	<u>N</u> ext >	Cancel	

iacc0041

Figure 5: The Data Access option for System i Access V5R1M0 or V5R2M0. These versions include the ODBC and OLE DB Provider, but do not include the .NET Data Provider.

Click the Cancel button to exit the Component Selection panel. When you click Cancel, the confirmation message shown in Figure 6 is displayed. Click the Exit Setup button on that panel.

Compor	nent Selection 🛛 🗙	3
Des Des	select the components you want to remove.	1
	Exit Setup	
	Setup is not complete. If you quit the Setup program now, the program will not be installed. You may run the Setup program at a later time to complete the installation. To continue installing the program, click Resume. To quit the Setup program, click Exit Setup.	
Drive: C: S	Space Required: 0 M Space Available: 5473 M	
Help	< <u>Back</u> <u>N</u> ext > Cancel	

iacc005

Figure 6: The Exit Setup confirmation panel is displayed. Click the Exit Setup button to quit the System i Access Selective Setup program.

____ If the required subcomponents are not installed, you will need to install the subcomponents from your System i Access for Windows install media. Restart the System i Access Selective Install program to install the subcomponents.

Verify your System i Access Service Level

You need to ensure that the System i Access code installed on your PC is updated to the latest Service Level.

Check the Service Level on your PC

Follow these steps to check your System i Access Service Level:

____ Go to the System i Access program group.

____ Locate and start the System i Access for Windows Properties program (Figure 7).

C:\Documents and S	ettings\All Users\Start Menu\Pro	grams\IB	M iSeries Acc.	
<u>F</u> ile <u>E</u> dit <u>V</u> iew F <u>a</u> vorites <u>T</u>	ools <u>H</u> elp			at 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 19
🔇 Back 🔹 🌖 😁 🦻 🔎 Sear	ch 🍃 Folders 🛄 🔻			
Address 🛅 C:\Documents and Se	ttings\All Users\Start Menu\Programs\IBM iSeries	Access for W	indows	🖌 🄁 Go
	Name 🔺	Size	Туре	Date Modified
File and Folder Tasks 🙁	million Emulator		File Folder	5/28/2006 1:4
Rename this file	Programmer's Toolkit		File Folder	5/28/2006 1:4
A Move this file	Service	1 1/10	File Folder	5/28/2006 1:3
Copy this file	Replata Transfer From iSeries Server		Shortcut	5/28/2006 1:4
Rublish this file to the Web	Data Transfer To iSeries Server	2 KB	Shortcut	5/28/2006 1:4
 E-mail this file 	Directory Update	1 KB	Shortcut	5/28/2006 1:4
Delete this file	🔊 Internet Information	1 KB	Shortcut	5/28/2006 1:3
	📠 iSeries Access for Windows Properties	2 KB	Shortcut	5/28/2006 1:3
	Series Navigator	2 KB	Shortcut	5/28/2006 1:3
Other Places 🙁	DBC Administration	1 KB	Shortcut	5/28/2006 1:4
Programs	居 <u>Read Me</u>	1 KB	Shortcut	5/28/2006 1:3
My Decimente	Service Pack Read Me	2 KB 1 KB	Shortcut	5/28/2000 1:3
Chanad Departments	Start Directory Update	2 KB	Shortcut	5/28/2006 1:4
Shared Documents	(a) User's Guide	1 KB	Shortcut	5/28/2006 1:4
My Computer	👼 <u>Welcome Wizard</u>	2 KB	Shortcut	5/28/2006 1:3
Section My Network Places				
Details 😵				
	<			>

iacc011

Figure 7: Start the System i Access for Windows Properties program in the System i Access program group.

____ The System i Access Properties program opens (Figure 8). On the **General** tab, locate the section that lists:

- The Version, Release and Modification Level
- The Service level

of System i Access installed on your PC.

iSeries Access for Windows Properties
Incoming Remote Command Diagnostic Tools Service PC5250 Other General Passwords Administration System Language
IBM ISeriae Access for Windows Version 5 Release 3 Modification level 0 Service level SI23492 Installed: <u>972072650 1.00.00 FM</u> Installed to directory:

iacc012

Figure 8: The Service Level of the System i Access code on your PC is displayed in the General tab.

____ When done, click the **OK** button to close the System i Access Properties program.

ΝΟΤΕ

The Version, Release and Modification level of System i Access on your PC does not have to be the same as your OS/400 VRM.

For example, you can use System i Access V5R3M0 on your PC to connect to an IBM i that is at OS/400 V5R2M0.

Another example: your PC might be at System i Access V5R2M0. You can use it to connect to an IBM i at OS/400 V5R3M0.

Check the current Service Level from IBM

____ Open a web browser and go to the following web site, as shown in Figure 9:

http://www-03.ibm.com/systems/i/software/access/windows/casp.html

- ____ The System i Access Service Packs web page is displayed.
- _____ On the web page, locate the section that is for your Release level. For example, if the release level displayed on the General tab (Figure 8) is Version 5, Release 3, Modification 0, look on the web page section for V5R3M0.
- _____ Compare the Service level installed on your PC (Figure 8) with the Latest Service Pack PTF Number displayed on the web page. If your Service level is less than the web page, use the following instructions to download and install the latest Service Pack.



iacc025

Figure 9: You can check the Service Pack number and availability at the System i Access Service Packs web site.

NOTE

You cannot upgrade your version, release and modification level of System i Access by downloading and installing a Service Pack. Service Packs only update the Service Level for the VRM they are built for.

If you want to upgrade the VRM of System i Access for Windows on your PC, you need to use the System i Access for Windows install media to perform the upgrade. After upgrading, you need to install the Service Pack that is appropriate for the new VRM.

Download a Service Pack from the IBM web site

Use the instructions in this section if you need to install the latest Service Pack for System i Access for Windows from the IBM web site.

- On the System i Access for Windows Service Packs web site (Figure 9), locate the current Service Pack link for your version of System i Access. Be sure you select the correct version, you cannot install a Service Pack for a different version on your PC.
 - _ Click the Service Pack link. An FTP Listing page is displayed, as shown in Figure 10.



Figure 10: When you click a link to a Service Pack, an FTP listing is displayed.

- _____ The easiest way to update your PC's version of System i Access is to save the .EXE file to your PC and run it (it is a self-extracting executable). You may also want to download and view the readmesp.txt file, which describes the fixes in the service pack.
- _____ Right-click the .EXE file and click the **Save** option in the pop-up menu.
- _____ Before installing the System i Access Service Pack, you should end all open applications that are running on your PC. You are required to restart your PC before the Service Pack updates take effect.

 After downloading the .EXE file, run it. The System i Access Service Pack installation program starts (Figure 11).



iacc027

- Figure 11: This is the first panel in the Service Pack install process.
- You are given the option to automatically unpack and remove the Service Pack installation file, or unpack and save the Service Pack installation files (Figure 12). You can select either option and continue.

🛿 iSeries Access for Windows Service Pack SI234 🔀
Remove Installation Files Do you want to remove the files used to perform the installation?
Unpack the files used to perform the installation to a temporary location, and automatically remove these files after the setup is completed. Select this option if you are not planning to run the setup again later.
C Unpack the files used to perform the installation to the location specified below, and don't remove these files after the setup is completed. Select this option if you are planning to run the setup again at a later time. If the specified folder location does not exist, it will be created automatically.
Save files in folder:
C:\Program Files \Senes Access for \Vindows \SR3 SP Image
<u>C</u> hange
To continue, click Next.
installShield

Figure 12: You can select either option on the Remove Installation Files panel.

The Service Pack installation program extracts the required files from the .EXE file (Figure 13). The extraction process may take a minute or two.

➡ iSeries Access for Windows Service Pack SI234	X
Extracting Files The contents of this package are being extracted.	4
Please wait while the InstallShield Wizard extracts the files needed to install iSeries Access for Windows Service Pack SI23492 (full image) on your computer. This may take a few moments.	
Reading contents of package	
InstallShieldCance	el

iacc029

Figure 13: It may take a minute or two for the Service Pack files to be extracted.

After extracting the files, you are prompted to view the Service Pack README file (Figure 14). You should view the README file so that you will become familiar with its contents. In the future, when you need to resolve issues with Data Transfer, the IBM ODBC Driver, the IBM OLE DB Provider or the IBM .NET Data Provider, you should first look into the Service Pack README to determine if IBM has issued a fix that may apply to you.



Figure 14: You are asked if you want to view the README file.

Figure 15 shows the READMESP.TXT file opened to the section that describes the fixes for the .NET Data Provider.

In the READMESP.TXT file, fixes are listed by Service Pack level. A Service Pack is cumulative and contains all of the previously issued Service Packs for the VRM of System i Access that the Service Pack applies to. Information about Service Packs is listed in the READMESP.TXT file with the current Service Pack listed first, then in reverse order as you go through the READMESP.TXT file.

You may find it worthwhile to go through the READMESP.TXT file and examine the various fixes that have been provided for the .NET Data Provider and the OLE DB Provider.



iacc031

Figure 15: The READMESP.TXT file, open to the section that describes fixes for the .NET Data Provider.

When done reviewing the READMESP.TXT file, close it. The Service Pack install process will continue.

On the Start Copying Files panel (Figure 16), verify that the components that need are listed.

If a component is not listed, it is not installed on your PC. You will need to review the instructions earlier in this document to load the component, then restart the Service Pack installation.



iacc032

Figure 16: Verify that the components that you need to update are listed in the Start Copying Files panel.

Service Pack installation may run for several minutes. When it is done, you will see the Setup Completed panel (Figure 17). If possible, you should restart your PC now. If it is not possible to restart your PC at this point, you must restart it before continuing with the material in this course.



Figure 17: You need to restart your PC before the System i Access Service Pack updates take effect.