District Five Florida Department of Transportation FDOT GIS Framework Install Guide September 2011



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Document Revision History:

Version	Date	Revised By	Description of Changes
0.1	9/8/11	J. Engerski	Initial compilation
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1.0 Server Configuration

1.1 .NET 3.5 SP1 Install & IIS 7 Install

1. Log into the server and open the Servers Manager Management Console.



2. Click on the feature node in the left panel.

📕 Server Manager				
Eile Action View Help				
🗢 🔿 🖄 📅 🛛				
Converting of the oper (DOTSD5GIS1) Roles Diagnostics Diagnostics	Features View the status of features installed of features.	on this server and add or remove		
Configuration E Storage				
	Features Summary	Features Summary Help		
	• Features: 3 of 41 installed	Add Features		
	Remote Server Administration Tools	Remove Features		
	Role Administration Tools			
	Web Server (IIS) Tools			
	Windows Process Activation Service			
	Process Model			
	.NET Environment			
	Configuration APIs			
	.NET Framework 3.5.1 Features			
	.NET Framework 3.5.1			
	WCF Activation			
	HTTP Activation			
	Non-HTTP Activation			
		-		
	•			
	🔇 Last Refresh: Today at 9:39 AM Configure rel	fresh		

3. If .NET Framework 3.5 SP1 is not installed press the Add Features button on the right side of the panel to install it. If you already have .NET 3.5 SP1 click on Roles and press Add roles then skip to step 6

- 11	Hadricacare			-
		Select Features		
	Features Confirmatio Progress Results	n	Select one or more features to install on this server. Eatures I Internet Printing Client Desktop Experience Desktop Experien	
			< Previous Next > Install Cancel	

4. On the Select Feature window check the box next to .NET Framework 3.5.1 Features. When you do this the following window will appear if you do not have IIS 7 installed. Click the **Add Required Role**

Services button.

Add Features Wizard 🛛 🛛 🛛					
	Add role services and features required for .NET Framework 3.5.1 Features?				
	You cannot install .NET Framework 3.5.1 Features unless the installed.	required role services and features are also			
	<u>R</u> ole Services:	Description:			
	 Web Server (IIS) Web Server Application Development .NET Extensibility Windows Process Activation Service Process Model .NET Environment Configuration APIs 	Web Server [IIS] provides a reliable, manageable, and scalable Web application infrastructure.			
		Add Required Role Services Cancel			
(i) Why	are these role services and features required?				

5. Your Select features window should look the same as the window below. Press NEXT

Select Features	Select one or more features to install on this server.
Web Server (IIS) Role Services Confirmation Progress Results	Description: Image: Construct State State Image: Construct State
	< Previous Next > Install Cancel

6. On the Introduction to Web Server window press NEXT.

Add Features Wizard	×
Add Features Wizard X Web Server (IIS) Web Server (IIS) Features Introduction to Web Server (IIS) Web servers are computers that have specific software that allows them to accept requests from client computers and return responses to those requests. Web servers let you share information Services (IIS) 7.0, a unified Web platform that integrates 15.70, ASP-NET, and Windows Communication Foundation. IIS 7.0 also features enhanced security, simplified diagnostics, and delegated administration. Progress Things to Note () Using Windows System Resource Manager (WSRM) can help ensure equitable servicing of Web server traffic, especially when there are multiple roles on this computers. () Using Windows System Resource Manager (WSRM) can help ensure equitable servicing of Web server traffic, especially when there are multiple roles on this computer. () Using Windows System Resource Manager (WSRM) can help ensure equitable servicing of Web server traffic, especially when there are multiple roles on this computer. () Using Windows System Resource Manager (WSRM) can help ensure equitable services and HTTP errors), monitor and log server activity, and configure static content compression. Additional Information Overview of Avalable Role Server (IIS) Overview of Web Server (IIS) Overview of WSBM Overview of WSBM Overview of WSBM Using Windows System Resource of the server (IIS) Overview of Avalable Role Server (IIS) </th	
Features Web Server (IIS) Role Services Confirmation Progress Results	Introduction to Web Server (II5) Web servers are computers that have specific software that allows them to accept requests from client computers and return responses to those requests. Web servers let you share information over the Internet, or through intranets and extranets. The Web Server role includes Internet Information Services (II5) 7.0, a unified Web pletform that integrates II5 7.0, aSP.NET, and Windows Communication Foundation. III5 7.0 also features enhanced security, simplified diagnostics, and delegated administration. Things to Note Ising Windows System Resource Manager (WSRM) can help ensure equitable servicing of Web server traffic, especially when there are multiple roles on this computer. The default installation for the Web Server (IIIS) role includes the installation of role services that enable you to serve static content, make minor customizations (such as default documents and HTTP errors), monitor and log server activity, and configure static content compression. Additional Information Schedklast Common Administrative Tasks in IIS 7.0 Schedklast Coverview of WSRM Querview of WSRM Previous Next> Install Cancel

- 7. On the Select Role Services window make sure to check the following list of items.
 - a. Web Server
 - i. Common HTTP Features
 - ii. Static Content
 - b. Application Development
 - i. ASP.NET
 - ii. .NET Extensibility
 - iii. ISAPI Extensions
 - iv. ISAPI Filters
 - c. Security
 - i. Basic Authentication
 - ii. Windows Authentication
 - iii. Request Filtering
 - d. Management Tools
 - i. IIS Management Console
 - ii. IIS Management Scripts and Tools
 - iii. Management Service

b. IIS 6 Management Compatibility

Add Features Wizard		×
Select Role Servic	ces	
Features Web Server (IIS) Role Services Confirmation Progress Results	Select the role services to install for Web Server (IIIS): Bole services: Web Server (Installed) Static Content (Installed) Default Document (Installed) Default Document (Installed) Directory Browsing (Installed) HTTP Errors (Installed) HTTP Errors (Installed) HTTP Errors (Installed) WebDAV Publishing Application Development ASP.NET ASP.NET Sarver Side Includes Berver Side Includes Health and Diagnostics (Installed) HTTP Logging (Installed) Logging Tools Request Monitor (Installed) Tracina More about role services	Description: IIS Management Scripts and Tools provide infrastructure to programmatically manage an IIS 7 Web server by using commands in a command window or by running scripts. You can use these tools when you want to automate commands in batch files or when you do not want to incur the overhead of managing IIS by using the user interface.
	< <u>P</u> revious <u>N</u> ext	> Install Cancel



8. After all the listed items are selected press NEXT

9. On the Confirm Installation Selections Window press INSTALL

Add Features Wizard	×
Confirm Installat	ion Selections
Features Web Server (IIS) Role Services Confirmation	To install the following roles, role services, or features, click Install.
Progress	🔿 Web Server (IIS)
Results	Find out more about Windows System Resource Manager (WSRM) and how it can help optimize CPU usage
	Web Server Application Development ASP.NET .NET Extensions ISAPI Extensions Security Basic Authentication Windows Authentication Management Cols IIS Management Compatibility IIS 6 Management Compatibility IIS 6 Methase Compatibility IIS 6 Methase Compatibility IIS 6 WMI Compatibility IIS 6 Scripting Tools
	Print, e-mail, or save this information
	< Previous Mext > Install Cancel

10. On the installation Results window press CLOSE. IIS and .NET 3.5 SP1 are now installed.

Add Features Wizard			×
Installation Result	s		
Features Web Server (IIS) Role Services Confirmation Progress Results	The following roles, role services, or features we	ere installed successfully:	
	.NET Framework 3.5.1 Features	🥑 Installation succeeded	T
	The following features were installed: Print, e-mail, or save the installation report		
	< <u>P</u> r	evious Next > Close	Cancel

1.2 .NET 4.0 Install

1. By default .NET 4.0 is installed on Windows Server 2008R2. Please verify that it is installed by going to Start → Control Panel → Programs → Programs and Features.

	Programs and Features			<u> </u>	
G	🗸 🖂 👻 Control Panel 🕶 Pi	rograms 💌 Programs and Features	👻 🛃 🛛 Search Programs	s and Features	<u>.</u>
	Control Panel Home	Uninstall or change a program			
	View installed updates	To uninstall a program, select it from the list and th	nen click Uninstall, Change, or Rej	pair.	
ø	Turn Windows features on or off				
•	Taraball a success firms the automatic	Organize 🔻		1	- 🕡
	Install a program from the network	Name 🔺	Publicher	v Toctall v S	
		Maine – Naintenance Mode	FDOT	8/2/2011	9 00 KB
		ArcGIS Server for the Microsoft .NET Framework	Environmental Systems Resea.	9/8/2011	5100 KB
		Strengthere 3.3 (Symantec Corporation)	Symantec Corporation	3/31/2011	
		Microsoft .NET Framework 4 Client Profile	Microsoft Corporation	3/31/2011	38.8 MB
		Microsoft .NET Framework 4 Extended	Microsoft Corporation	3/31/2011	51.9 MB
		Pyanon 2 Formpy 1-0-2		9/8/2011	
		EPython 2.5.1		9/8/2011	
		u Snagit 10	TechSmith Corporation	9/8/2011	67.6 MB
		Bymantec Backup Exec Remote Agent for Window	 Symantec Corporation 	8/23/2011	264 MB
		Symantec Endpoint Protection	Symantec Corporation	3/31/2011	345 MB
		System Center Operations Manager 2007 R2 Agent	Microsoft Corporation	8/2/2011	30.9 MB
		VMware Tools	VMware, Inc.	5/5/2011	30.0 MB
		Currently installed programs Total size 12 programs installed	e: 829 MB		

2. If you do not see Microsoft .NET Framework 4 Client Profile and Extended in the list of installed programs go to Microsoft's website, download and install the .NET 4.0 Framework.

2.0 ArcGIS Server Install

2.1 Preparation

- 1. Either copy the installation CD for ArcGIS Server 9.3 to your install share or insert the disk in the CD Drive of the server.
- 2. Also copy the ArcGIS Server for the .NET Framework 9.3.1 install to the install share. ArcGISServerDotNet931.msi
- 3. Acquire the 9.3.1 service pack installs from ESRI's website by going to http://support.esri.com



- 4. Under Downloads click on Patches and Service Packs
- 5. On the patches and service packs page scroll down to the ArcGIS Server link and click it.



6. In the Filter by version panel on the right check the box next to Version 9.3.1 and Service Pack then click GO.



7. Scroll down until you see ArcGIS (Desktop, Engine, Server) 9.3.1 Service Pack 1 and click the link.



8. Click the **Install this Service pack on Windows** link and then scroll down until you see the download links.

ArcGIS (Desktop, Engine, Se	erver) 9.3.1 Service Pack 1 Patches and Service Packs - Microsoft Interne	Explorer provided by FDO		- 0 -X
	ures arrais com/content/natches-and-sension-nacks?fanview@atch@DID	658 MetaID=1576#install_Windows	• fa X Bang	Q •
Elle Edit Manu Faund	a Task Usla			
y Spanit III III	es Toois Eleib			
	lah CEas Callers -			
Y ravontes y e v	reb since samery +			»
ArcGIS (Desktop, Engine, S	ierver) 9.3.1 Service Pac		🖬 🔹 🖾 🔹 🖷 🕈 Eage 🔹 Sarrety 🔹	1 gois • 🐠 •
2. 5	elect the appropriate nies:			^
	ArcGIS Desktop (ArcInfo, ArcEditor, ArcView)			
	ArcGISDesktop931sp1.msp	111 MB		
	ArcReader			
	ArcReader931sp1.msp	38 MB		
	ArcGIS Desktop Evaluation Edition			
	ArcGISEvalEdition931sp1.msp	111 MB		
	ArcGIS Engine Runtime			
	ArcGISEngine931sp1.msp	64 MB		
	ArcGIS Engine Developer Kit for the Java Platform			
	ArcGISEngineSDKJava931sp1.msp	43 MB		
				=
	ArcGIS Server for the Microsoft .Net Framework			
	ArcGISServerDotNet931sp1.msp	75 MB		
1	ArcGIS Server Web ADF Runtime for the Microsoft .Net Framework			
	ArcGISServerWebADFRuntime931sp1.msp	12 MB		
	ArcGIS Server for the Java Platform			
	ArcGISServer]ava931sp1.msp	268 MB		
3. (1	Server for .Net Installation Only) From your Services control	panel, stop the ArcGIS Server 0	bject Manager and ArcGIS SOC Monitor.	
4. (<u></u>	Server for Java Installation Only) From your Services contro lanager and ArcGIS SOC Monitor.	panel, stop the ArcGIS Server I	Manager Service, ArcGIS Server Object	
5. D	ouble-click the msp files to start the install process.			
N b	OTE: If double clicking on the MSP file does not start the Sen y using the following command:	rice Pack 1 installation, you can	start the Service Pack 1 installation manual	Y
	msiexec.exe /p [location of update]\ <product></product>	931sp1.msp		-
		😜 le	ternet Protected Mode: Off	• 🔍 100% 👻

9. Click the **ArcGISServerDotNet931sp1.msp** link to download the service pack. Make sure to save it to a location where you will be able to access it and install it from the server.



10. After the download completes hit the back button and find the ArcGIS (Desktop, Engine, Server) 9.3.1 Service Pack 2 and click the link.

						-		
ArcGIS (D	esktop, Engine, Server) 9.3.1 Service Pack 2 Patches and Servi	ce Packs - Microsoft	Internet Explorer pr	ovided by FDO				x
0.	http://resources.arcgis.com/content/patches-and-service	e-packs?fa=viewPate	ch&PID=66&MetaID	=1620	🕶 😽 🗙 🖸 Bing			۰ م
<u>E</u> ile <u>E</u> dit	⊻iew Favorites ⊥ools <u>H</u> elp							
🗶 🔛 Sna	igit 🧱 📺							
🚖 Favori	😖 🍰 🖉 Web Slice Gallery 🕶							
ArcGIS (Desktop, Engine, Server) 9.3.1 Service Pac				🟠 🕶 🖾 🕆 🖾 🖶 🕈 Bage 🕇	<u>S</u> afety ▼	Tgols 🔻 🌘)• ″
				ArcGIS.com	Support.esri.com + Esri.com	Sign Ir	1	-
	ArcGIS Resource Center	Help	Blogs	Forums		Q		
	You are here: Home > Patches and Service Packs > ArcGI	<u>Server</u> >	Dack 2					
	Arcors (Desktop, Engine, Server)	9.3.1 361410	e Pack 2					
	Date Submitted: 07-09-2010 Last Modified: 09-03-2010							
	Summary:							
	This Service Pack contains performance improvement convenience.	nts and maintenar	nce fixes. Please	download and ins	tall this required Service Pack at your	earliest		
	Description:							
	Introduction Issues Addressed with this Service Pack Files Installed in this Service Pack Installing this Service Pack on Windows Installing this Service Pack on Windows Installing this Service Pack on UNIX/Linux How to Identify which Service Pack is Insta Indates Getting Help	lled						
	ArcGIS 9.3.1 Service Pack 2 DVD							
	A DVD of this Service Pack will be made available in web site. Simply fill out the <u>Request a Service Pack</u> .	the next several DVD order form.	weeks for users	who experience di	fficulties downloading the Service Pao	k from the		
	in out on							
	We recommend that all ArcGIS 9.3.1 customers dow experience when working with ArcGIS 9.3.1.	nload and install	Service Pack 2 at	their earliest con	venience, to ensure the highest qual	ity		
	NOTE: If you are using a localized version of ArcGIS	, please contact y	your local distribu	tor to get the upo	lated language supplement.			-
				(Internet Protected Mode: Off	- @ •	€ 100%	•

11. Click the **Installing this Service Pack on Windows** link then scroll down until you see the downloads link. The SP2 link toward the end of the links.

rcGIS (Desktop, Engine, Server) 9.3.1 Service Pack 2 Patches and Service Packs - Microsoft Interne	t Explorer provided by FDO	and the second sec	
🔘 🗢 😰 http://resources.arcgis.com/content/patches-and-service-packs?fas.viewPatch&PID	=668(MetalD=1620#install-Windows	• 4 🗙 📴 Bing	P
e <u>E</u> dit <u>V</u> iew Fgvorites Iools <u>H</u> elp			
🔄 Snagit 🔡 💇			
Favorites 🙀 🔊 Web Slice Gallery 🕶			
ArcGIS (Desktop, Engine, Server) 9.3.1 Service Pac		👌 🔹 🖾 😁 🖶 🔹 Bage 🔹 Safety 🔹	Tgols 🕶 🔞 🕶
ArcReader			
ArcReader931sp2.msp	44 MB		
ArcGIS Desktop Evaluation Edition			
ArcGISEvalEdition931sp2.msp	122 MB		
ArcGIS Engine Runtime			
ArcGISEngine931sp2.msp	69 MB		
ArcGIS Engine Developer Kit for C++			
ArcGISEngineSDKCPP931sp2.msp	803 KB		
ArcGIS Engine Developer Kit for the Java Platform			
ArcGISEngineSDKJava931sp2.msp	44 MB		
ArcGIS Engine Developer Kit for the Microsoft .Net Framework			
ArcGISEngineSDKNet931sp2.msp	806 KB		
ArcGIS Engine Developer Kit for Visual Basic 6			
ArcGISEngineSDKVR6931sp2.msp	808 KB		
ArcGIS Engine Developer Kit for Visual C++			
ArcGISEngineSDKVCPP931sp2.msp	806 KB		
ArcGIS Server for the Java Platform			
ArcGISS	272 MB		
ArcGIS Server for the Microsoft .Net Framework			
ArrGISServerDotNet931sp2.msp	82.10		
ArcGIS Server Web ADF Running for the Microsoft .Net Framework			
ArcGISServerWebADFRuntime931sp2.msp	15 MB		
	A 10	ternet Protected Moder Off	100% .

- 12. Click the **ArcGISServerDotNet931sp2.msp** link to begin the download. Make sure to save it to a location where you will be able to access it and install it from the server.
- 13. Make sure you get the ArcGIS Server license number so you can use it during the install. Also make sure to generate you domain IDs for the GIS Service accounts if you are going to use Domain IDs. DxGISWEB, DxGISSOC, DxGISSOM

2.2 ArcGIS Server Base Install

1. Navigate to the location where you copied the ArcGIS Server 9.3 installation CD and double click the ESRI.exe. The following window will appear.



2. On the window click the link for ArcGIS Server for the Microsoft .NET Framework.

3. When the Welcome to the ArcGIS Server for the Microsoft .NET Framework Setup Program welcome window appears press NEXT.



4. Read the Licensing Agreement and select the "I accept the licensing agreement" radio button. and press NEXT.

🙀 ArcGIS Server for the Microsoft .NET Framework Setup 📃 🗖 🎽
License Agreement You must agree with the license agreement (E204 and E300) below to proceed.
IMPORTANT-READ CAREFULLY
UNLESS SUPERSEDED BY A SIGNED LICENSE AGREEMENT BETWEEN YOU AND ESRI, ESRI IS WILLING TO LICENSE SOFTWARE, DATA, WEB SERVICES, OR DOCUMENTATION TO YOU ONLY IF YOU ACCEPT ALL TERMS AND CONDITIONS CONTAINED IN THIS LICENSE AGREEMENT. PLEASE READ THE TERMS AND CONDITIONS CAREFULLY. SOFTWARE, DATA, OR DOCUMENTATION WILL NOT BEGIN DOWNLOADING TO OR INSTALL ONTO YOUR COMPUTER SYSTEM UNTIL YOU HAVE MANIFESTED YOUR ASSENT TO THE TERMS AND CONDITIONS OF THE LICENSE AGREEMENT BY CLICKING "I accept the License Agreement" BELOW. IF YOU DO NOT AGREE TO THE TERMS AND CONDITIONS AS STATED, THEN ESRI IS UNWILLING TO LICENSE SOFTWARE, DATA WEB SERVICES OR DOCHMENTATION TO YOUL AND YOU
View License Reset < Back Next > Cancel

5. The Install Information window will advise on the items that will not be installed. Press NEXT.

a. To install the Visual Studio Integration pieces and the Mobile Developer Framework you will need to have a Visual Studio version on the server.

🖶 ArcGIS Server for the Microsoft .NET Framework Setup		
Install Information		
One or more Setup features is unavailable due to missing dependencies.		
Please refer to the Help button located on this dialog panel for the list of features and their missing dependencies.		
Unavailable Features:		
Visual Studio 2005 Integration		
Visual Studio 2008 Integration		
Mobile Application Developer Framework		
Help <a href="https://www.ext-ancel-cance-cancel-cancel-cancel-cancel-cancel-cance-cance-cance-cance-cance-cance-cance-cance-cance-cance-cance-cance-cance-cance-cance-cance-cance-cance</th>		

6. On the Select Features window verify all features are set to be installed on the local hard drive.

🖶 ArcGIS Server for the Microsoft .NET Framework Setup 📃 🔲 🗙		
Select Features Please select which features you would like to	install.	
GIS Server Server Object Manager Server Object Container Web Applications Web Application Developer Fram Runtime Software Developer Kit	Feature Description: The GIS Server is comprised of the Server Object Manager and Server Object Container. This feature will be installed on the local hard drive. This feature requires 654MB on your hard drive. It has 2 of 2 subfeatures selected. The subfeatures require 191MB on your hard drive.	
Destination Location: C:\Program Files (x86)\ArcGIS\	Browse	
Help Disk Cost Reset	< Back Next > Cancel	

7. Change the install location so that it points to the Software Installation drive. First click browse and then change C:\ to D:\ or the location of your install.

🙀 ArcGIS Server for the Microsoft .NET Fra	mework Setup
Select Features	C I R
Please select which features you would like to	o install.
Image: GIS Server Image: Server Object Manager Image: Server Object Container Image: Server O	Feature Description: The GIS Server is comprised of the Server Object Manager and Server Object Container. This feature will be installed on the local hard drive. This feature requires 654MB on your hard drive. It has 2 of 2 subfeatures selected. The subfeatures require 191MB on your hard drive.
Destination Location: C:\Program Files (x86)\ArcGIS\	Browse
Help Disk Cost Reset	< Back Next > Cancel
😽 ArcGIS Server for the Microsoft .NET Fra	mework Setup
Select Features	
🙀 ArcGIS Server for the Microsoft .NET	Framework Setup
Look in: ArcGIS	
Eolder name: D:\Program Files (x86)\ArcGi	ISN OK Cancel
Help Disk Cost Reset	< Back Next > Cancel

	🚰 ArcGIS Server for the Microsoft .NET Framework Setup		
	Select Features Please select which features you would like t	o install.	
	GIS Server Server Object Manager Server Object Container Web Applications Web Application Developer Fram Runtime Software Developer Kit	Feature Description: The GIS Server is comprised of the Server Object Manager and Server Object Container. This feature will be installed on the local hard	
		This feature requires 654MB on your hard drive. It has 2 of 2 subfeatures selected. The subfeatures require 191MB on your hard drive.	
<	Bestination Location: D:\Program Files (x86)\ArcGIS\	Browse	
	Help Disk Cost Reset	< Back Next > Cancel	

- 8. Once the directory is changed pres NEXT.
- 9. Change the Python destination disk so that it points to the programs install disk and press NEXT.

🔂 ArcGIS Server for the Microsoft .NET Fram	ework Setup	
Python Destination Folder Select a folder where the Python will be installed		
Python 2.5 is required to support certain core Geoprocessing tools. It is recommended that Python 2.5 be installed by the ArcGIS Server for the Microsoft .NET Framework Setup.		
The setup will install Python 2.5 in the following folder. To install into a different folder, click Browse and select another folder.		
Destination Folder D:\Python25\ The Built of 5 installation directory should be	Browse	
If you do not want this setup to install them, cl	AB of additional disk space to install.	
unselect Python.		
Help	< Back Next > Cancel	

10. Review the ArcGIS Server Instance information and press NEXT NOTE: If the default instance is changed make sure to document it. As changing the

instance name can cause issues.

🙀 ArcGIS Server for the Microsoft .NET Framework Setup	
ArcGIS Server Instance Internet Information Services (IIS) instance name and port number for th ArcGIS Server instance.	Ie
Name for the ArcGIS Server instance	
Port number for the ArcGIS Server instance	
Help < Back Nex	t> Cancel

11. When the Ready to Install Application Window appears click NEXT

🚏 ArcGIS Server for the Microsoft .NET Framework Setup		
Ready to Install the Application Click Next to begin installation.		
Click the Back button to reenter the installation information or click Cancel to exit the setup program. The following configurations will be made to your system.		
Internet Information Services (IIS) must be restarted.		
ArcGIS Server for the Microsoft .NET Framework will be installed to D:\Program Files (x86)\ArcGIS\ Python 2.5.1 will be installed to D:\Python25\		
Help < Back Next > Cancel		

12. Wait for the install to complete.

13. Click FINISH when the install completes.



14. Click CANCEL on the ArcGIS Server for the Microsoft .NET Framework Post Installation Setup window and then press EXIT SETUP on the pop-up window.

🖶 ArcGIS Server for the Microsoft .NET Framework Setup		
	ArcGIS Server for the Microsoft .NET Framework Post Installation Setup	
	You must complete the ArcGIS Server Post Installation Setup to configure ArcGIS Server.	
	Click OK to proceed with the Post Installation. Click Cancel to exit.	
	To run the Post Installation later, click Start > Programs > ArcGIS > ArcGIS Server for the Microsoft .NET Framework > GIS Server Post Installation to start the Post Installation Wizard.	
	K Back OK Cancel	
🖶 ArcGIS Server for the Microsoft .NET Framewo	. 🛛	
Installation is not complete. If you quit the setup program now, the application will not be installed.		
You can run the setup program at a later time to complete the installation.		
To continue installing, click Resume. To quit the setup program, click Exit Setup.		
Resume Exit Setup	L	

15. Now begin the ArcGIS Server 9.3.1 Install.

3. 4.

2.3 ArcGIS Server 9.3.1 Install

- 1. Navigate to where you saved the 9.3.1 install for ArcGIS Server, **ArcGISServerDotNet931.msp**, and double click it to begin the install. Press YES on any security warning. If the file will not run make sure to R-Click the file and press the unblock button.
- 2. On the Welcome to the ArcGIS Server for the Microsoft .NET Framework 9.3.1 Update Setup Program press NEXT





5. Click CANCEL on the ArcGIS Server for the Microsoft .NET Framework Post Installation Setup window and then press EXIT SETUP on the pop-up window.



6. Now begin the 9.3.1 SP1 Install

2.4 ArcGIS Server 9.3.1 SP1 Install

- 1. Navigate to where you saved the 9.3.1 SP 1 install for ArcGIS Server, ArcGISServerDotNet931sp1.msp, and double click it to begin the install. Press YES on any security warning. If the file will not run make sure to R-Click the file and press the unblock button.
- On the Welcome to the ArcGIS Server for the Microsoft .NET Framework 9.3.1 SP1 Setup Program press NEXT.



5. Click CANCEL on the ArcGIS Server for the Microsoft .NET Framework Post Installation Setup window and then press EXIT SETUP on the pop-up window.



6. Now begin the 9.3.1 SP2 install.

2.5 ArcGIS Server 9.3.1 SP2 Install

- 1. Navigate to where you saved the 9.3.1 SP 2 install for ArcGIS Server, ArcGISServerDotNet931sp2.msp, and double click it to begin the install. Press YES on any security warning. If the file will not run make sure to R-Click the file and press the unblock button.
- 2. On the Welcome to the ArcGIS Server for the Microsoft .NET Framework 9.3.1 SP2 Setup Program press NEXT.



5. When the Post Install window appears follow the post install instructions

2.6 ArcGIS Server Post Install

NOTE: If you install the 9.3.1 SP2 Quality Service Improvement patch and you use Mr. SID files you will no longer be able to use Mr. SID files. Do not install the 9.3.1 SP2 QIP

1. When the welcome screen appears press OK.



a. If the ArcGIS Server Post Install does not begin automatically go to Start → Programs → ArcGIS → ArcGIS Server for the Microsoft .NET Framework and click the GIS Server Post Install shortcut.



2. On the options window make sure the boxes are checked next to **Configure GIS Server** and **Authorize GIS Server** and then press NEXT.

GIS Server Post Install
Select from the following options Select from the following options
This post install helps you specify the user accounts necessary to run the GIS Server on this machine. It will create these user accounts if necessary, and grant them the necessary privileges on the system. It will also create the GIS Server user groups.
Configure GIS Server Select this option to configure the GIS Server for use.
Authorize GIS Server
Select this option to authorize the GIS Server for use.
< Back Next > Cancel Help

3. On the Specify GIS Server Accounts screen give passwords to the two user accounts. The accounts should follow the FDOT naming standard DxGISSOM and DxGISSOC. It is up to each district to decide if they want these accounts to be local or domain.

NOTE: If you are rerunning the post install on an ArcGIS Server installation that is already running it is advised that you use a configuration file from the original install. You can find the original configuration in a later step of this install.

GIS Server Post Install		1 -
Specify GIS Server Accor Specify the accounts tha Server Object Container	eounts hat the Server Object Manager (SOM) and the r (SOC) processes will run as.	
Specify the account name	nes and passwords:	
SOM Account:	Dx\DxGISSOM	
Password:	******	
Confirm password:	XXXXXXXX	
SOC Account:	Dx\DxGISSOC	
Password:	******	
Confirm password:	NXXXXX	
C I have a configuration file setup. Filename:	e with the account information generated by a previous run of th	iis
	< Back Next > Cancel Help	p

4. On the GIS Server Webservices Account window update the Account name to reflect the proper DxGISWEB. It is up to each district to decide if they want these accounts to be local or domain.

server Post Install	
ilS Server Webservice: Specify an account that GIS Server in order to p	s Account can be used by Web servers to connect to the process Web service requests.
A new ArcGIS Webserv already exist. The ArcGI Administrators Group (ag	ices account will be created on this machine if one doesn't S Webservices account will be added to the ArcGIS Server şsadmin).
Account Name:	Dx\DxGISWeb
Password:	MINIMUM
Confirm password:	жинини
	<back next=""> Cancel Help</back>

On the specify GIS Server directories window modify the location so that it points to the data drive on the server.

GIS Server Post Install		? ×
Specify GIS Server Specify a location and the name of ye	directories for creating GIS Server directories our web server.	P.A.
The GIS Server uses di map caches, and globe	rectories in the file system to store output images, geoproce caches. Click the file browse button to change the defau	essing jobs, t location.
Location:	E:\arcgisserver	
Web Server Name:	dotsd5gis1	
Web Server Port:	80	
	< Back Next > Cancel	Help

6. In the Specify Proxy Server Options window select the "Do not use a proxy server for GIS Server connections" and press NEXT.

Do not use a proxy server for GIS Server connections. Use a proxy server for GIS Server connections. Address: Port: Username:				
Use a proxy server for GIS Server connections. Address: Port: Username:	Do not use a prox	v server for GIS Server	connections.	
Address: Port: Usemame:	Use a proxy serve	r for GIS Server conne	ctions.	
Port:	Address:			
Username:	Port:			
	Username:			
Password:	Password:			

7. On the Export Server Configuration file window select the radio button next to "Export configuration file. This file should be placed in a properly secured directory" then click the browse button and create the file.

GIS Server Post Install	? ×
Export server configuration file Export server configuration file	P.A.
Exporting a server config file helps you with installing multiple systems that use the sam configuration. It will create the user accounts, and grant them the necessary privileges system based on this configuration file.	ie server on the
O Do not export configuration file	
 Export configuration file. This file should be placed in a properly secured directory. Filename: D:\GIS Install\Config\arcgisinstallcfg.xml 	
,	
< Back Next > Cancel	Help

8. On the install summary window press INSTALL

GIS Server Post Install	? ×
GIS Server Post Install Summary GIS Server Post Install Summary	C.A.
ArcGIS SOM account: D5\D5GISSOM ArcGIS SOC account: D5\D5GISSOC ArcGIS WebServices account: D5\D5GISWeb	
Server directories: Output directory: E:\arcgisserver\arcgisoutput Cache directory: E:\arcgisserver\arcgiscache Jobs directory: E:\arcgisserver\arcgisjobs Input directory: E:\arcgisserver\arcgisinput	
Virtual directories: Output virtual directory: http://dotsd5gis1/arcgisoutput Cache virtual directory: http://dotsd5gis1/arcgiscache Jobs virtual directory: http://dotsd5gis1/arcgisjobs	
Output config file: D:\GIS Install\Config\arcgisinstallcfg.xml	
4	
< Back Install Cancel	Help
e the install completed press NEXT	
Server Post Install	? X
	1

Installing Server Object Manager	
Setting manager service logon per Granting agsadmin permissions to s Granting manager access permissi Granting manager launch permissi Granting write permissions on folde Granting write permissions on folde	missions to D5\D5GISSOM start and stop SOM ions ons er D:\Program Files (x86)\ArcGIS\server\ for D5\D5GISS(er C:\Windows\temp for D5\D5GISS0C
Installing Server Object Container Configuring DCOM settings for App Setting container RunAs permissio Granting container access permiss Granting container launch permissi Granting write permissions on folde	 pLockMgr ins to D5\D5GISSOC ions er C:\Windows\temp for D5\D5GISSOC
•	:]∢

10. When the authorization window opens select the *"I have installed my software and need to register it"* radio button. The press the NEXT button.


11. Select the "Register now using the Internet" radio button and then press NEXT.

Soleman	re Authorization Wizard
Reg	jistration Method Select the method you want to use to register the software.
•	Register now using the Internet. (This automatic method is the easiest way to register. It requires an Internet connection.) Register at ESRI's website and receive your authorization file by email.
0	Register by email and receive your authorization file by email.
•	Fax or mail your registration to ESRI.

12. In the registration information window fill out your information and press NEXT. Continue filling out your information on the next window and press NEXT.

*First Name:			
×I pot Marrier			
Last Name:			
"Urganization:			
Department:			
*Address 1:			
Address 2:			
*City:			
*State/Province:			
*Zip/Postal Code:			
*Country:		•	
	,	_	

Software Authorization Wiz	zard	×
Registration information We will use the followin authorize your use of th	n (continued) ng information to verify our records and ne software. (* required field)	T.A.
*Phone Number: FAX Number:		
E mail:		
*Your Organization:		•
*Your Industry:		•
*Yourself:		•
you want to view ESRI'	s privacý policy, click the View button below.	
	< Back Next >	Cancel

13. In the Software Registration Number window enter your license number and press NEXT.

ftware Authorization Wizard	×
Software Registration Number Enter the registration number for your software product	C.A.
The registration number consists of three letters and a series of numbers; similar to ABC123456789.	
ArcGIS Server	
< Back Next >	Cancel

14. Answer the questions on the ArcGIS Server Registration page and press NEXT.

Software Authorization Wizard		×
ArcGIS Server Registration Please select from the options below.		EA
Which platform do you plan to use?		
Operating System What operating system do you use for the SOM,SOC and Web ADF Runtime?	PC-Intel Windows	•
RDBMS What RDBMS do you use?	Oracle	•
Number of users How many users do you plan on serving?	501-1000	•
Primary deployment plan What is the primary deployment plan for your ArcGIS Server implementation?	C Internet only C Intranet only C Both	
	< Back Next >	Cancel

15. On the extension registration window select the "I do not want to register any extensions at this time" radio button and press NEXT.

rcGIS Server Option Registration Please select from the options below.	
Options	
I do not want to register any extensi	ions at this time.
C I have a registration number for one	or more extensions.
Registration numbers	
3D Server	
Network Server	
Spatial Server	
Data Interoperability Server	
Geostatistical Server	
Schematics Server	
Virtual Earth	
Virtual Earth Information	

16. On the extension evaluation window press NEXT.

tware Authorization	
ArcGIS Server Option Registration Please select from the options below.	(T.C.
You have not provided registration information fo Would you like to try an evaluation copy of one	or one or more of the ArcGIS Server extensions. or more of the extensions?
🔲 3D Server	
Network Server	
Spatial Server	
🔲 Data Interoperability Server	
🔲 Geostatistical Server	
Schematics Server	
Note: If you have already authorized any of the additional evaluations.	ese extensions, ESRI cannot provide you
	(Back Next) Cancel

17. The authorization process will now execute. Please not that firewalls and enhanced security settings can hinder the authorization process and cause it to fail. When the authorization is complete press

FINISH.

Software Authorization	×
Registering and Authori	zing Software
✓	Connecting to ESRI
\checkmark	Sending registration information
\checkmark	Receiving authorization file
\checkmark	Authorizing software
Congratulations, yo	our software has been authorized and is now ready for use.
	< Back Finish Cancel

18. When the summary window appears scroll to the bottom and verify that the Software Authorization installation is completed. Once this is done press FINSIH.

Server Post Install			? ×
GIS Server Post Install Summary GIS Server Post Install Summary			(A
Setting manager service logon permissions Granting agsadmin permissions to start and Granting manager access permissions Granting manager launch permissions Granting write permissions on folder D:\Pro Granting write permissions on folder C:\Win	to D5\D5GISSOM stop SOM gram Files (x86)\Ar dows\temp for D5	 cGIS\server\ for E \D5GISSOC	▲ 05\D5GISS(
Installing Server Object Container Configuring DCOM settings for AppLockMg Setting container RunAs permissions to D5 Granting container access permissions Granting container launch permissions Granting write permissions on folder C:\Win	ır \D5GISSOC ıdows\temp for D5	\D5GISSOC	
Software Authorization installation complete	ed. 🔽 Show A	ArcGIS Server con	Figuration help
	Finish	Cancel	Help

2.7 ArcGIS Server Manager Configuration - IIS

In order to use the ArcGIS Server Manager and connect to the service application in ArcGIS Server 9.3.1 the following steps must be taken. Taking these additional steps will allow the administer to use the web manager and access rest and soap endpoints and will allow all users the ability to connect to the Server via ArcCatalog to browse and use services. Administrators will be able to create an administrative connection.

1. Open IIS Manager by going to Start → Administrative Tools → Internet Information Services (IIS) Manager.



2. When the IIS Manager opens in the left panel navigate through the tree to DOTSD5GIS1 \rightarrow Application Pools.



3. In application pools you will see the DefaultAppPool has 10 applications. R-Click the DefaultApplication Pool and click on View Applications.

 · · · · · · · · · · · · · · · · · · ·					1 · · · · · · · · · · · · · · · · · · ·	
ASP.NET v4.0	Started	v4.0	Integrated	ApplicationPoolIden	0	
@ ASP.NET v4.0 Cl	Started	v4.0	Classic	ApplicationPoolIden	0	
Classic .NET App	Started	v2.0	Classic	ApplicationPoolIden	0	
	Startad d Application	Dool	Totegrated	ApplicationPoolIden	10	
	1 Application	19001				
Set	Application	Pool Default	:S			
▶ Sta	rt					
🔳 Sto	φ					
🤣 Red	cycle					
Bas	ic Settings.					
Red	cycling					
Adv	vanced Setti	ngs				
Rer	name	-				
¥ Rer	nove					
View	w Applicatio	ns				
(2) Hel	p					
Onl	ine Help					

4. When the Application view opens you should see the following.

Juncerner muormation per Arces (11	5) Fianayer				
G O I → DOTSD5GIS1 →					📃 🖸 🗠 🟠 I 🕖 -
File View Help					
File View Help Connections Co	Applications This page lets you view of The applications have be Remove filter Filter: Virtual Path A Virtual Path A Virtual Path A Virtual Path A Virtual Virtual Virtual Virtual Virtual Virtual Virtual Virtual Virtual Virtual Virtual Virtual Vi	and manage the list of applications. Application sen fiftered by the DefaultAppPool application Physical Path C:/inetpub/wwwroot/ArcGIS/kml C:/inetpub/wwwroot/ArcGIS/kml C:/inetpub/wwwroot/ArcGIS/sectify C:/inetpub/wwroot/ArcGIS/sectify C:/inetpub/wwrot/ArcGIS/sectify C:/inetpub/wwrot/ArcGIS/sectify C:/inetpub/wwr	s contain content and pool. Site Default Web Site Default Web Site	code. Application Pool DefaultAppPool DefaultAppPool DefaultAppPool DefaultAppPool DefaultAppPool DefaultAppPool DefaultAppPool DefaultAppPool DefaultAppPool	Actions P Help Online Help
	PEDOT.GIS.Fram	C:\inetpub\wwwroot\FDOT.GIS.Framework %SystemDrive%\inetpub\wwwroot	Default Web Site Default Web Site	DefaultAppPool DefaultAppPool	

5. R-Click the application with a virtual path of /ArcGIS/kml and click Change Application Pool.

Physical Path	iysical Path		Application Pool
C Vicetoub Warsoot ArcGIS	5\kml	Default Web Site	DefaultAppPool
Change Application Pool	5\Manager	Default Web Site	DefaultAppPool
tala	5\Mobile	Default Web Site	DefaultAppPool
leip	δ\rest	Default Web Site	DefaultAppPool
Online Help	5\security	Default Web Site	DefaultAppPool
	Chinetrubhawarooth0rcGIS Change Application Pool Help Dnline Help	Chiractar bhunnaraoth tractS\kml Thange Application Pool Filmanager Felp Dolline Help Strest Strest Strest Strest Strest	Chineteublywww.coch0xcGTS\kml Default Web Site Chineteublywww.coch0xcGTS\kml Default Web Site Change Application Pool S\Manager Default Web Site Help S\rest Default Web Site Online Help S\security Default Web Site

6. When the change application pool window appears click the dropdown and select the "*Classic ASP.NET Application Pool*"

Select Application Pool	? ×
Application pool:	
DefaultAppPool	
Properties:	
.Net Framework Version: 4.0 Pipeline mode: Integrated	
ОК	Cancel
Select Application Pool	? ×
Select Application Pool Application pool:	? X
Select Application Pool Application pool: Classic .NET AppPool	? ×
Select Application Pool Application pool: Classic .NET AppPool Properties:	? ×
Select Application Pool Application pool: Classic .NET AppPool Properties: .Net Framework Version: 2.0 Pipeline mode: Classic	× ?

- 7. Once you select the new application pool press OK.
- 8. Repeat steps 5-8 for the following Applications.
 - a. /ArcGIS/Manager
 - b. /ArcGIS/Mobile
 - c. /ArcGIS/rest
 - d. /ArcGIS/security
 - e. /ArcGIS/services
 - f. /ArcGIS/tokens
 - g. /ArcGIS/wms

▼ A Go → 🕁 Show All | Group by: No Grouping

+

Virtual Path 🔺	Physical Path	Site	Application Pool
P /ArcGIS/kml	C:\inetpub\wwwroot\ArcGIS\kml	Default Web Site	Classic .NET AppPo
🔐 /ArcGIS/Manager	C:\inetpub\wwwroot\ArcGIS\Manager	Default Web Site	DefaultAppPool (v4.0)
P /ArcGIS/Mobile	C:\inetpub\wwwroot\ArcGIS\Mobile	Default Web Site	DefaultAppPool (v4.0)
ArcGIS/rest	C:\inetpub\wwwroot\ArcGIS\rest	Default Web Site	DefaultAppPool (v4.0)
ArcGIS/security	C:\inetpub\wwwroot\ArcGIS\security	Default Web Site	DefaultAppPool (v4.0)
ArcGIS/services	C:\inetpub\wwwroot\ArcGIS\services	Default Web Site	DefaultAppPool (v4.0)
P /ArcGIS/tokens	C:\inetpub\wwwroot\ArcGIS\tokens	Default Web Site	DefaultAppPool (v4.0)
P /ArcGIS/wms	C:\inetpub\wwwroot\ArcGIS\wms	Default Web Site	DefaultAppPool (v4.0)
PDOT.GIS.Fram	C:\inetpub\wwwroot\FDOT.GIS.Framework	Default Web Site	DefaultAppPool (v4.0)
😭 Root Application	%SystemDrive%\inetpub\wwwroot	Default Web Site	DefaultAppPool (v4.0)

9. Once complete the pool window should appear as follows.

Name 🔺	Status	.NET Frame	Managed Pipeli	Identity	Applications
asp.net v4.0	Started	v4.0	Integrated	ApplicationPoolIden	0
ASP.NET v4.0 Cl	Started	v4.0	Classic	ApplicationPoolIden	0
🕼 Classic .NET App	Started	v2.0	Classic	ApplicationPoolIden	8
DefaultAppPool	Started	v4.0	Integrated	ApplicationPoolIden	2

2.8 ArcGIS Server Manager Configuration - Groups

1. Go to Start \rightarrow Administrative Tools \rightarrow Computer Management.

		44	Remote Desktop Services
		۵.	Component Services
			Computer Management
		()	Data Sources (ODBC)
		8	Event Viewer local and remote computers.
		6	Internet Information Services (IIS) 6.0 Manager
Notepad •	(Change)	۲.	Internet Information Services (IIS) Manager
		Q,	iSCSI Initiator
Command Prompt		-	Local Security Policy
Tabaraat Evalavar	Engerski, Jeff	(N)	Performance Monitor
		-	Security Configuration Wizard
	Documents	ł	Server Manager
		Q,	Services
Internet Information Services (IIS)	Computer	3	Share and Storage Management
Manager	Network	-	Storage Explorer
ArcGIS Server Manager		<u>_</u>	System Configuration
	Control Panel	0	Task Scheduler
Oracle Directory Manager			Windows Firewall with Advanced Security
litter in the second se	Devices and Printers		Windows Memory Diagnostic
	Administrative Tools	23	Windows PowerShell Modules
	Administrative roois	1	Windows Server Backup
	Help and Support		
	Run		
	Ulia dansa Galamitan		
All Programs	windows becanty		
Search programs and files	Log off		
🌆 🛃 🛃 🏹			

2. When Computer Management window opens navigate down the left panel Computer Management (local) → System Tools → Local Users and Groups → Groups.

🛃 Computer Management	Ĩ	1	
File Action View Help			
🗢 🔿 🙍 🖬 🚺 🔂			
Computer Management (Local) Cylic System Tools Cylic System Tools Cylic Start Scheduler Cylic Scheduler	Name Administrators Backup Operators Certificate Service DCO Cryptographic Operators Distributed COM Users Event Log Readers Guests IIS_IUSRS Network Configuration Performance Log Users Performance Monitor U Power Users Print Operators Remote Desktop Users Replicator Users agsadmin agsusers ConfigMgr Remote Con	Description Administrators have complete and u Backup Operators can override secu Members of this group are allowed t Members are authorized to perform Members are allowed to launch, acti Members of this group can read eve Guests have the same access as me Built-in group used by Internet Infor Members of this group can have some adm Members of this group can access p Power Users are included for backw Members in this group are granted t Supports file replication in a domain Users are prevented from making ac GIS Server Users Members in this group can view and	Actions Groups More Actions

3. Double click on the agsadmin group.

agsadmin Properties	0 1		? ×
General			
agsadmin			
Description: GIS Serv	er Administrators		
Members:			
C5\D5-GIS Systems Ac	iministrator		
Add Remov	e Changes are not el user logs	to a user's group fective until the n on.	membership ext time the
ОК	Cancel	Apply	Help

- 4. Now add the users and groups that will have administrative access to the ArcGIS Server.
- 5. If the users will be creating new websites and services they will also require full control of the C:\intepub\wwwroot\ArcGIS folder and they will need logon locally GPO.

3.0 FDOT Enterprise Library (FEL) Install

3.1 FEL 2.0 Install

NOTE: This install will restart your IIS services. Do not install during business hours if you have production application.

- 1. Download the FEL 2.0 install from the following file location. \\dotscosan02\CO\OIS\BSSO\Public\Enterprise GIS Framework\Dependencies\Enterprise Library 2.0
- 2. Unpack the FDOT.EL.Installer zip file onto the server.
- 3. Double click the **FDOT.EL.Installer.exe** file to begin the installation process.



4. When the install window opens select the radio button next to Production and then check the boxes next to Architecture and EBO.



5. Click the INSTALL button to begin the install.

6. When the install is complete you will see *"Installation Completed Successfully"* in the bottom of the output area.



7. Press EXIT.

3.2 FEL 3.0 Install

- 1. Navigate to the FEL 3.0 install <u>\\dotscosan02\CO\OIS\BSSO\Public\Enterprise GIS</u> <u>Framework\Dependencies\Enterprise Library 3.0</u>
- 2. Download the version matching your server version and level.

		-			Instant Voterson		x	
🚱 🔵 🔻 Depe	ender	ncies 🔸 Enterprise Library 3.0 🕨		• * • • • •	Search Enterprise Libra	ry 3.0	٩	
Organize 🔻 Burn		New folder			8	• 🔳	0	
☆ Favorites	^	Name	Date mo	odified	Туре	Size		
🧮 Desktop		FEL3-ClientInstall32-Prod	5/23/20	11 1:35 PM	Compressed (zipp	115 KB		
属 Downloads		is FEL3-ClientInstall32-System	5/23/20	11 1:36 PM	Compressed (zipp	115 KB		
📃 Recent Places	Ε	HEL3-ClientInstall32-Unit	5/23/20	11 1:36 PM	Compressed (zipp	115 KB		
			FEL3-ClientInstall64-Prod	5/23/20	11 1:36 PM	Compressed (zipp	115 KB	
🕞 Libraries		🚹 FEL3-ClientInstall64-System	5/23/20	11 1:36 PM	Compressed (zipp	115 KB		
Documents		🚹 FEL3-ClientInstall64-Unit	5/23/20	11 1:37 PM	Compressed (zipp	115 KB		
J Music		FEL3-ConnectionTest	1/18/20	11 12:12 PM	Application	9 KB		
Pictures		Install-Instructions	1/25/20	11 8:23 AM	Text Document	1 KB		
Videos								
Computer	-							
8 items								

3. In the case of our 64-bit Windows 2008R2 production server we will download the FEL3-ClientInstall64-Prod zip file. The same install will be used for the staging server.

Organize 🔻 🛛 🛜 🕻	pen	Burn New folder			• 🔳
🔆 Favorites	^	Name	Date modified	Туре	Size
E Desktop		1 FEL3-ClientInstall32-Prod	5/23/2011 1:35 PM	Compressed (zipp	115 KB
🐌 Downloads		FEL3-ClientInstall32-System	5/23/2011 1:36 PM	Compressed (zipp	115 KB
📃 Recent Places	Ξ	FEL3-ClientInstall32-Unit	5/23/2011 1:36 PM	Compressed (zipp	115 KB
		FEL3-ClientInstall64-Prod	5/23/2011 1:36 PM	Compressed (zipp	115 KB
🥽 Libraries		FEL3-ClientInst Type: Compressed (zir	oped) Folder 011 1:36 PM	Compressed (zipp	115 KB
Documents		FEL3-ClientInst: Size: 114 KB	011 1:37 PM	Compressed (zipp	115 KB
🁌 Music		FEL3-Connectid Date modified: 5/23/20	011 1:36 PM 011 12:12 PM	Application	9 KB
Pictures		Install-Instructions	1/25/2011 8:23 AM	Text Document	1 KB
🛃 Videos					

4. Create or unzip the zip file to the following directory structure. C:\FDOT Enterprise Library\v3.0.0.\Communication Framework.

📕 Ext	ract Compressed (Zipped) Folders		×
\bigcirc	🝌 Extract Compressed (Zipped) Folders		
	Select a Destination and Extract Files		
	Files will be extracted to this folder:		
	C:\FDOT Enterprise Library\v3.0.0.0\Communication Framework	Browse	
	Show extracted files when complete		
		Extract Cance	:

6.

🐌 Program Files

Users
Users
Undows
GIS Applications (D

]] Program Files (x&

🚳 uninstall.bat

5. Extract the FEL 3.0 zip file for your environment into the new directory.

Gol ¹ Hoora	communication realized and the second s	·· · 💆	- Soaren communication r	I GINOWOIK
ganize 👻 Include in lib	rary 👻 Share with 👻 New folder			= 🛨 🔟 🔞
Documents	Name ^	Date modified	Туре	Size
Music	S FDOT.Enterprise.Architecture.Core.dll	7/16/2010 10:18 AM	Application extension	17 KB
Videos	S FDOT.Enterprise.Architecture.Data.Db2Clien	7/16/2010 10:18 AM	Application extension	22 KB
1 11003	S FDOT.Enterprise.Architecture.Data.dll	7/16/2010 10:18 AM	Application extension	11 KB
Computer	S FDOT.Enterprise.Architecture.UnitTestHelpe	7/16/2010 10:18 AM	Application extension	18 KB
🚢 Local Disk (C:)	Spot.Enterprise.Communication.Framework	5/23/2011 9:33 AM	Application extension	16 KB
FDOT Enterprise	S FDOT.Enterprise.Communication.Framework	7/16/2010 10:18 AM	Application extension	25 KB
🍌 v2.0.0.0	S FDOT.Enterprise.Communication.Framework	7/16/2010 10:18 AM	Application extension	6 KB
🎉 v3.0.0.0	FEL-Configuration-Prod.reg	1/25/2011 8:20 AM	Registration Entries	1 KB
U Communicati	FEL-Configuration-Remove.reg	12/17/2009 1:01 PM	Registration Entries	1 KB
🎉 inetpub	📰 gacutil.exe	7/29/2008 2:59 PM	Application	104 KB
PerfLogs	🚳 install.bat	5/23/2011 11:27 AM	Windows Batch File	4 KB
Program Files (vi	RegAsm.exe	3/26/2009 11:44 AM	Application	52 KB
Lisers	🚳 uninstall.bat	5/23/2011 11:28 AM	Windows Batch File	3 KB
Windows				
-	1			
I3 items	1			
13 items	ed double click the ins	tall.bat fil	e to install	the FEL
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7. You will see a command window flash make sure all the items are successful and then press any key to end the install. The install of FEL 3.0 is complete.

52 KB

3 KB

3/26/2009 11:44 AM Application

5/23/2011 11:28 AM Windows Batch File



8. Now that the install is complete navigate to the <u>\\dotscosan02\CO\OIS\BSSO\Public\Enterprise GIS</u> <u>Framework\Dependencies\Enterprise Library 3.0</u> directory and double click FEL3-ConnectionText.exe. The following window will appear.



- 9. Press the Test Connection Button.
- 10. You should receive the following successful message. If you do not receive this message the install did not work. Try the install again and make sure the command window looks similar to step 7.

	×
Connection successful	
ОК	

4.0 FDOT GIS Framework Install

1. Download the FDOT GIS Framework zip from the following location. \\dotscosan02\CO\OIS\BSSO\Public\Enterprise GIS Framework\

🕌 Enterprise GIS Frameworl	k			_	
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FDOT.GIS.Web. Compressed (zipp	Setup.zip Date modified: 8/3/2011 10:25 AM ed) Folder Size: 18.4 MB	Date created: 8/30/201:	L 12:09 PM		

2. Once the download is complete open the zip file and double click the setup.exe file to install the GIS Framework.

🔒 FDOT.GIS.Web.Setup.zip				
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PerfLogs	💷 setup.exe	Application	193 KB	No
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setup.exe Comp	ressed size: 192 KB	Ratio: 54%	Type: Application	
	Size: 418 KB	Date modified: 8/3/2011 10:24 AM		

3. When the welcome screen appears press NEXT.



4. Accept the default values. If you change anything just make sure the Application Pool is a .NET 4.0 pool. Press NEXT.

j FDOT Enterprise GIS Framework	_ 🗆 🗙
Select Installation Address	\bigcirc
The installer will install FDOT Enterprise GIS Framework to the following web	location.
To install to this web location, click "Next". To install to a different web locat	ion, enter it below.
Site: Default Web Site ⊻irtual directory: FDOT.GIS.Framework Application Pool: DefaultAppPool ▼	Disk Cost
Cancel < Back	Next >

6.

5. On the confirm installation window press NEXT.

FDOT Enterprise GIS Framework	(
Confirm Installation			$\overline{\bigcirc}$
The installer is ready to install FDOT Er	iterprise GIS Framewo	rk on your computer.	
Click "Next" to start the installation.			
	Cancel	< Back	Next >
nce the install is complete p	oress CLOSE.		
FDOT Enterprise GIS Framework	¢		
Installation Complete			ÍN
			OF THE
FDOT Enterprise GIS Framework has b	een successfully insta	alled.	
Click "Close" to exit.			
Please use Windows Update to check	for any critical update	s to the .NET Framewo	ork.
	Cancel	< Back	Close

 7. Now test the application by going to the following URL on your server. http://<your server name>/FDOT.GIS.Framework
 NOTE: The first time you run the application you may get a timeout because the server is caching. Just close the application and reopen it. 8. When the load is complete you should see the following.



(Optional) ArcSDE Install 5.0

5.1 Database Preparation

- 1. Send an E-mail to the CO-DBAT group and requesting the setup of your SDE repository. They will schedule a completion data with you and let you know when you can begin. The email should contain the following information:
 - a. District requesting the database.
 - b. User IDs to be created. In the case of D5 SDE, GISREAD, GISEDIT and GISADMIN
 - The permissions for each ID should be setup as follows. c.

i. SDE

Create Session Create Table Create Trigger **Create Sequence** Select Any Table **Create Procedure** Create Indextype Create Library Create Operator Create Public Synonym Create Type Create View **Drop Public Synonym** Alter Any Index Alter Any Table Analyze Any Create Any Index Create Any Procedure Create Any Sequence Create Any Trigger Create Any View Drop Any Index **Drop Any Procedure Drop Any Sequence** Drop Any Table Drop Any View **Execute Any Procedure** Select Any Sequence Administer Database Trigger Connect Resource GRANT execute on dbms_pipe to public; GRANT execute on dbms_lock to public; ii. **GISADMIN** Create Session

Create Table Create View Create Trigger **Create Sequence** Select Any Table – To allow compression using this ID.

- iii. GISREAD
 - Create Session
- iv. **GISEDIT**
 - Create Session
- d. Standard initial size is 5GB of space to start.

5.2 Preparation

- 1. Locate the client install for Oracle 10gR2 and Oracle 10gR2 patch set 4. They will be needed shortly.
- 2. Also, locate the ArcSDE 9.3 install media and the 9.3.1 install media. If needed copy these CDs to the server for use later in the install process.
- 3. Download the latest ArcSDE 9.3.1 service packs by going to <u>http://support.esri.com</u> once there click the Patches and Service Packs link.



4. The Patches and Service packs page will open.

A patches and service packs ArcGIS Resource Center - Windows I	nternet Explorer							×
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Patches and Service Packs								
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 ArcGIS Data Interoperability (8 files) 				Patch 3 Tracking	08-30-2011 g Server 10 Servic	ce Pack 2 08-29	9-2011	
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 <u>ArcGIS Desktop</u> (34 files) 				using O	racle Spatial Data 10.0 SP2 (Desktor	Patch 08-11-20 p. Engine, Serv	(versioned 011 ver) Data	
 <u>ArcGIS Engine</u> (41 files) 				Frame F	Reference Scale Pa 10.0 SP2 (Server)	atch 08-02-201) Image Service	1 e file	
<u>ArcGIS Engine Developer Kit</u> (15 files)				resourc	e security Patch 0	8-02-2011		
<u>ArcGIS Engine Runtime</u> (32 files)								
<u>ArcGIS Engine SDK for COM (VB 6.0)</u> (1 file)								-
http://resources.arcgis.com/content/all-blogs			0	Internet Prote	cted Mode: On	4	🔹 💌 🔍 100%	5 🔻

5. Scroll down to ArcGIS Server and click the link.

Content and service packs ArcGIS Resource Center - Windows Internet Explorer	
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<u>ArcGIS Image Server</u> (9 files)	
 ArcGIS Military Analyst (14 files) 	
<u>ArcGIS Mobile</u> (3 files)	
 ArcGIS Network Analyst (6 files) 	
 ArcGIS Publisher (1 file) 	
<u>ArcGIS Schematics</u> (11 files)	
ArcGIS Server (Versions 9.2 and higher include ArcSDE) (127 files)	
 ArcGIS Server ADF for the Java Platform (7 files) 	
- ArcCIC Converter the Java Distance (10 files)	

6. In the Filter by version panel on the right check the box next to Version 9.3.1 and Service Pack then click GO.

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Patches and Service Packs for ArcGIS Server		
tersler 10		
ArcGIS 10.0 SP2 (Desktop, Engine, Server) Data Frame Reference Scale Patch	Filter by Version	
08-02-2011 - PATCH This patch addresses an issue in which ArcGIS Desktop, ArcGIS Engine, and ArcGIS Server applications do not		
properly preserve the reference scale of a data frame when labeling is enabled. Esri recommends that all use labeling and reference scales in ArcGIS Desktop applications (ArcMap, ArcCatalog, ArcReader), ArcGIS Eng	rs of Version 10	
ArcGIS Server apply this patch.	Version 9.3.1	
ArcGIS 10.0 SP2 (Server) Image Service file resource security Patch	Version 9.2	
08-02-2011 - PATCH This patch addresses a security vulnerability in ArcGIS 10 Image Services published using a Mosaic Dataset.	Version 9.1	
	version 9.0	
ArcGIS 10.0 SP2 (Desktop, Engine, Server) Topology Validation Patch 06-15-2011 - PATCH	Filter by Category	
This patch addresses an issue where exception geometry becomes corrupted during topology validation. Esri recommends that all topology users apply this patch.		
	Patch	
ArcGIS 10.0 SP2 (Desktop, Engine, Server) Geocoding General Maintenance Patch 06-08-2011 - PATCH	Dervice Pack	00
This patch addresses issues with locators in ArcGIS Desktop, Engine and Server that can cause the applicatio hang when an address contains specific characters. This patch also addresses an issue in ArcGIS Server when	n to re the	ĝo
output spatial reference of a locator sticks and overwrites the default spatial reference of that locator.		
ArcGIS 10 SP2 (Desktop, Engine, Server) Page Layout Map Surround Patch		
05-24-2011 - PATCH This patch addresses a crash in ArcMap when opening or saving certain map documents in ArcGIS 10.0 Servic	e Pack 2. Any map document	that
includes a map surround, and has been saved to version 9.0/9.1 or 8.3 using the "Save a Copy" command ca	n trigger the crash. As there	is no
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ransice packs ArcGIS Resource Center - Microsoft Internet Evolution provided by EDOT District 5		
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7. Find the ArcSDE 9.3.1 Service Pack 2 link and click it.

ArcGIS Resource Center	Help	Blogs	Forums	
You are here: <u>Home</u> > <u>Patches and Service Packs</u> > ArcGIS	S Server			
Patches and Service Packs for Arco	GIS Server			
At version 9.2, ArcSDE is included with ArcGIS Se	erver.			
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ArcSDE 9.3.1 Service Pack 2 11-04-2010 - SERVICE PACK				
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ArcGIS 9.3.1 Service Pack 2 geodatabase direct 07-20-2010 - SERVICE PACK Provides the ability to make a direct connection	<u>ect connect for 9.2</u> on from an ArcGIS	clients or ArcIMS 9.2 Se	rvice Pack 5 or higher re	Filter by Catego
application to an ArcGIS 9.3.1 Service Pack 2 software.	geodatabase and	i allows sites to ir	icrementally upgrade th	Patch
On the Service Pack page scroll dow	wn to the "A	rcSDE Serve	er Installation fo	or Windows" section.

Installation Steps

ArcSDE Server Installation for Windows

1. Install this Service Pack using an administrator account , then upgrade your geodatabase using your ArcSDE administrator account.

Make sure you have write access to the ArcSDE installation folder, that no one is using ArcSDE, and that the ArcSDE service is down.

- Stop your current ArcSDE service, if one is running.
 NOTE: If you do not shut down the ArcSDE service before installing this Service Pack, you will be prompted and required to reboot your serve machine in order to successfully complete the Service Pack installation.
- 3. Copy the appropriate file to a location other than the ArcSDE installation folder:

DB2	SDE931sp2-DB2.msp	3 MB
DB2 z OS	SDE931sp2-DB2zOS.msp	3 MB
Informix	SDE931sp2-Informix.msp	3 MB
Oracle 9iR2	SDE931sp2-Oracle9i.msp	3 MB
Oracle 10gR2	SDE931sp2-Oracle10q.msp	3 MB
Oracle 10gR2 64	SDE931sp2-Oracle10q-64.msp	4 MB
Oracle 11g	SDE931sp2-Oracle11q.msp	3 MB
Oracle 11g 64	SDE931sp2-Oracle11q-64.msp	4 MB
PostGreSQL	SDE931sp2-PG.msp	3 MB
SQL Server	SDE931sp2-SqlServer.msp	3 MB
SQL Server 64	SDE931sp2-SqlServer-64.msp	3 MB

4. Double-click the SDE931sp2<Database>.msp to start the install process.

9. Once there click the SDE931sp2-Oracle10g.msp link to download the file. This install uses the 32-bit version so make sure the 32-bit version is downloaded.

ArcSDE Server Installation for Windows

Installation Steps

1. Install this Service Pack using an administrator account , then upgrade your geodatabase using your ArcSDE administrator account.

Make sure you have write access to the ArcSDE installation folder, that no one is using ArcSDE, and that the ArcSDE service is down.

- Stop your current ArcSDE service, if one is running.
 NOTE: If you do not shut down the ArcSDE service before installing this Service Pack, you will be prompted and required to reboot your serve machine in order to successfully complete the Service Pack installation.
- 3. Copy the appropriate file to a location other than the ArcSDE installation folder:

DB2	SDE931sp2-DB2.msp	з мв
DB2 z OS	SDE931sp2-DB2zOS.msp	3 MB
Informix	SDE931sp2-Informix.msp	3 MB
Oracle 9iR2	SDE931sp2-Oracle9i.msp	з мв
Oracle 10gR2	SDE931sp2-Oracle10q.msp	3 MB
Oracle 10gR2 64	SDE931sp2-Oracle10q-64.msp	4 MB
Oracle 11g	SDE931sp2-Oracle11q.msp	з мв
Oracle 11g 64	SDE931sp2-Oracle11q-64.msp	4 MB
PostGreSQL	SDE931sp2-PG.msp	3 MB
SQL Server	SDE931sp2-SqlServer.msp	3 MB
SQL Server 64	SDE931sp2-SqlServer-64.msp	3 MB

- 4. Double-click the SDE931sp2<Database>.msp to start the install process.
- 10. Once the download is complete press the back button and scroll down until you find the ArcSDE 9.3.1 Service Pack 1 link and click it.

ArcGIS 9.3.1 Service Pack 1 geodatabase direct connect for 9.2 clients

Provides the ability to make a direct connection from an ArcGIS or ArcIMS 9.2 Service Pack 5 or higher release client application to an ArcGIS 9.3.1 Service Pack 1 geodatabase and allows sites to incrementally upgrade their ESRI® software.

ArcGIS (Desktop, Engine, Server) 9.3.1 Service Pack 1

This Service Pack contains performance improvements and maintenance fixes. Please download and install this required Service Pack at your earliest convenience.



This Service Pack contains performance improvements and maintenance fixes. Please download and install this required Service Pack at your earliest convenience.

ArcGIS Military Analyst 9.3.1 Service Pack 1

ESRI announces ArcGIS Military Analyst 9.3.1 Service Pack 1. This Service Pack contains several improvements and maintenance fixes for Military Analyst 9.3.1.

ArcGIS Image Server 9.3.1 Service Pack 1

11. On the Service Pack page scroll down to the "ArcSDE Server Installation for Windows" section. ArcSDE Server Installation for Windows

Installation Steps

1. Install this Service Pack using an administrator account, then upgrade your geodatabase using your ArcSDE administrator account.

Make sure you have write access to the ArcSDE installation folder, that no one is using ArcSDE, and that the ArcSDE service is down.

- Stop your current ArcSDE service, if one is running.
 NOTE: If you do not shut down the ArcSDE service before installing this Service Pack, you will be prompted and required to reboot you machine in order to successfully complete the Service Pack installation.
- 3. Copy the appropriate file to a location other than the ArcSDE installation folder:

DB2	SDE931sp1-DB2.msp	3 MB
DB2 z OS	SDE931sp1-DB2zOS.msp	2 MB
Informix	SDE931sp1-Informix.msp	3 MB
Oracle 9iR2	SDE931sp1-Oracle9i.msp	3 MB
Oracle 10gR2	SDE931sp1-Oracle10q.msp	3 MB
Oracle 10gR2 64	SDE931sp1-Oracle10q-64.msp	4 MB
Oracle 11g	SDE931sp1-Oracle11q.msp	3 MB
Oracle 11g 64	SDE931sp1-Oracle11q-64.msp	4 MB
PostGreSQL	SDE931sp1-PG.msp	3 MB
SQL Server	SDE931sp1-SqlServer.msp	3 MB
SQL Server 64	SDE931sp1-SqlServer-64.msp	3 MB

- 4. Double-click the SDE931sp1<Database>.msp to start the install process.
- 12. Click on the SDE931sp1-Oracle10g.msp file to download it. ArcSDE Server Installation for Windows

Installation Steps

1. Install this Service Pack using an administrator account , then upgrade your geodatabase using your ArcSDE administrator account.

Make sure you have write access to the ArcSDE installation folder, that no one is using ArcSDE, and that the ArcSDE service is down.

- Stop your current ArcSDE service, if one is running.
 NOTE: If you do not shut down the ArcSDE service before installing this Service Pack, you will be prompted and required to reboot you machine in order to successfully complete the Service Pack installation.
- 3. Copy the appropriate file to a location other than the ArcSDE installation folder:

DB2	SDE931sp1-DB2.msp	3 MB
DB2 z OS	SDE931sp1-DB2zOS.msp	2 MB
Informix	SDE931sp1-Informix.msp	3 MB
Oracle 9iR2	SDE931sp1-Oracle9i.msp	3 MB
Oracle 10gR2	SDE931sp1-Oracle10q.msp	3 MB
Oracle 10gR2 64	SDE931sp1-Oracle10q-64.msp	4 MB
Oracle 11g	SDE931sp1-Oracle11q.msp	3 MB
Oracle 11g 64	SDE931sp1-Oracle11q-64.msp	4 MB
PostGreSQL	SDE931sp1-PG.msp	3 MB
SQL Server	SDE931sp1-SqlServer.msp	3 MB
SQL Server 64	SDE931sp1-SqlServer-64.msp	3 MB

- 4. Double-click the SDE931sp1<Database>.msp to start the install process.
- 13. Once the download is complete close the browser window.

2.

5.3 Oracle 10g R2 Client Base Install
1. Navigate to the Oracle 10g R2 Client 10.2.0.1 install directory and double click the setup.exe file.

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	Universa lucts. Ied Produ	e Universal Installer guides y lucts. Ied Products" to see all in	IC Universal Installer guides you through the lucts. Ied Products" to see all installed product	Universal Installer guides you through the installation and lucts. led Products" to see all installed products.	Universal Installer guides you through the installation and configuration of y lucts. led Products" to see all installed products. Deinstall Products	Left Products" to see all installed products.

3. On the install type window choose the Administrator radio button and press NEXT.

			109
Select Installation Type			
Oracle Client 10.2.0.1.0			
What type of installation do you want?			
⊂ InstantClient (498KB)			
Installs Instant Client software.			
Administrator (533MB)			
Installs the management console, management tools, network	ing services	, util, basic clie	nt software.
C Runtime (213MB)			
Installs tools for developing applications, networking services	s and basic c	lient software	
C Custom			
Enables you to choose individual components to install.			
			Product Languages
Help Installed Products	Back	Next) [nstall Cancel]
ORACLE'			

4. Change the path setting so that the path points at the applications drive. In this case C:\ is changed to D:\. Press NEXT.

😸 Oracle I	Universal Installer: Specify Home Details	
Spee	cify Home Details	Ω^g
Destir	nation	
Enter or	r select a name for the installation and the full path where you want to install the produ	uct.
Na <u>m</u> e:	OraClient10g_home1	
Path:	D:\oracle\product\10.2.0\client_1	Browse)
		6
Help	Installed Products Back Next Install	Cancel
OR.	ACLE	

6.

-

5. Check that all prerequisites succeeded and press NEXT

	CKS				
The Installer verifies that your environment meets all of the configuring the products that you have chosen to install. Yo are flagged with warnings and items that require manual o checks, click the item and review the details in the box at th	e minimum re ou must man checks. For d ne bottom of t	quirements ually verify ar etails about j he window.	for insta nd confi perform	alling and Irm the iter hing these	ms that
Check		Туре	S	tatus	
Checking Oracle Home path for spaces		Automatic	R S	ucceeded	
Checking for Oracle Home incompatibilities		Automatic	5	ucceeded	
				Retry	Stop
0 requirements to be verified.					
Actual Result: NEW_HOME Check complete The overall result of this check is: Passe	he				
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ORACLE					
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8.

7. When the Oracle NET Configuration welcome window appears check the *"Perform Typical"* check box then press NEXT.

🗙 Oracle Universal Installer: Confi	iguration Assistants	_ 🗆 X
Ovacle Net Configuration As	sistanti Walsoma	
	Welcome to the Oracle Net Configuration Assistant. This tool will take you through the common configuration steps, listed below. Naming Methods configuration Or, you can choose to have the Oracle Net Configuration Assistant complete a typical configuration for you. Click Help for more information.	
Cancel Help Help Installed E) <u>Eack Next)</u> Products <u>Back Next</u> (install Ca	ancel
On the welcome screen pr	ess NEXT.	
Oracle Net Configuration Ass	istant: Welcome	×
	Welcome to the Oracle Net Configuration Assistant. To access a database service or other type of service, you use a connect identifier. The Assistant has determined that your client use the easy connect naming method for identifying the databas you want to access. With easy connect naming, you use the hos port(optional), and service name of the database as the connect identifier.	can se t,
	Click Help for more information about connecting to a database using easy connect.	
Cancel Help) <u> </u>	

9. When the complete window appears press FINISH.

Oracle Net Configuration Assistant: Do	e 🗙
Oracle N	et Configuration Complete.
Cancel Help	G Back Next > Einish

10. Press Exit on the End of Installation Screen.

Cracle Universal Installer: End of Installation	
	$\mathbf{a} \wedge \mathbf{g}$
End of Installation	
The installation of Oracle Client was successful.	
Help Installed Products Back Next	Install (<u>Exit</u>
11. Press YES on the Exit confirmation window.



5.4 Oracle 10gR2 Patch Set 4 Client Install

1. Navigate to the Oracle 10gR2 Patch Set 4 Client install location and double click the setup.exe file.

						비즈
G → 🖟 • GIS Install	▼ Oracle10.2.0.5_32bit_patchset_p8202632 ▼ Disk1	• •	Search Disk1			2
Organize 🔻 Include in librar	ry 🔻 Share with 💌 New folder			:==	-	0
📃 Desktop 📃	Name ^	Date modified	Туре	Size		
Downloads	퉬 install	9/13/2011 12:51 PM	File folder			
🔠 Recent Places	🐌 response	9/13/2011 12:51 PM	File folder			
🚍 Libraries	\mu stage	9/13/2011 12:52 PM	File folder			
Documents	🔊 patch_note.htm	8/17/2010 11:05 AM	HTML Document	186 KB		
🍶 Music	10 ^s setup.exe	8/17/2010 11:05 AM	Application	68 KB		
E Pictures	🗃 setup.ini	8/17/2010 11:05 AM	Configuration settings	1 KB		
Videos						
🚢 Local Disk (C:)						
📷 GIS Applications (D						
Documentation						
GIS Install						
Program Files (xc						
ILIN 227 GTS Liker						
6 items						

2. When the welcome screen opens press NEXT.

🗽 Oracle Universal Installer: Welcome	
Welcome	
riolo olino	
The Oracle Universal Installer guides you through the in Oracle products.	stallation and configuration of your
Click "Installed Products" to see all installed products.	
	Deinstall Products
	About Oracle Universal Installer)
Help Installed Products Back	Next (nstall Cancel
ORACLE	

3. On the Specify home window make sure to select OraClient10g_home1 from the Name dropdown. By default it is set to the DBA location which will error out the install.

🗽 Oracle Universal Installer: Specify Home Details	
Specify Home Details	
Destination	
Enter or select a name for the installation and the full path where you want to install the product Name: Concellent 40, how of	rt. 1
Path: D:\oracle\product\10.2.0\client_1	Browse
Help Installed Products Back Next Install	Cancel
ORACLE'	

4. Once you set the name click NEXT.

6.

5. On the contact information window press NEXT.

🕍 Oracle Universal In	staller	, i				_ 🗆 X
Provide your ema initiate configura	ail address to be infor tion manager. <u>View d</u>	med of sea etails.	curity issues	s, install the p	product and	
	E <u>m</u> ail:					
		Easier for yo	ou ir you use y	our my Oracle	Support email addre	ess/username.
□ I wish to receiv	e security updates via	My Oracle (Support.			
My <u>O</u> racle S	upport Password:					
Help	Installed Products.		Back	Next) Install) Cancel)
ORACLE						
When the stay in	formed warning	; appears	s press Y	ES.		
Email Address	Not Specified				×	
Â	You have not pr	ovided a	n Email a	ddress.		
<u> </u>	Do you wish to	remain u	Ininforme	d of critica	l security	
	issues in your o	configura	tion?			
				(v 1	No	

8.

7. When the prerequisite check finishes press NEXT.

Product-	Specific Pre	erequisite (Checks				
The Installer ve	erifies that your envir e products that you h	ronment meets all lave chosen to ins	l of the minimi tall. You must	um requirements f : manually verify ar	for insta Id confil	illing and m the iter	ns that
are flagged wit	h warnings and iten	ns that require ma	anual checks.	For details about p	perform	ing these	
checks, click th	ne item and review th	he details in the b	ox at the botto	m of the window.			
Check				Туре	St	tatus	
Checking the	Components instal	led in Oracle Horr	ne	Automatic	R S	ucceeded	
Checking for	Oracle Home incom	patibilities		Automatic	🖾 S	ucceeded	
			•.•.•.•.•.•.•.•			_	
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0 requiremen	its to be verified						
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Checking for (Dracle Home incom	patibilities					
Check comple	ete. The overall resu	It of this check is:	Passed 			_	
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Help)	Installed Proc	ducts)	Back	Next)	Instal		Cancel
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9. On the End of Installation window press EXIT.



5.5 Oracle TNSNAMES.ora Configuration

 Before beginning the ArcSDE install you should receive a connection string from the CO-DBAT group. When you receive this connection string navigate to your Oracle install folder and go to oracle → product → 10.2.0 → client_1 → Network → ADMIN

ADMIN				-	
GO⊽ 🎉 + oracle + p	roduct \star 10.2.0 \star client_1 \star NETWORK \star ADMIN \star	- 🛃	Search ADMIN		2
Organize 🔻 Include in librar	ry 🔻 Share with 👻 New folder			= -	0
🔶 Favorites	Name ^	Date modified	Туре	Size	
Desktop Downloads S Recent Places Libraries Documents Music	SAMPLE sqlnet.ora sqlnet1109134PM5751.bak tnsnames.ora	9/13/2011 12:56 PM 9/14/2011 1:48 PM 9/13/2011 12:57 PM 9/14/2011 1:48 PM	File folder ORA File BAK File ORA File	1 KB 1 KB 1 KB	
Pictures Videos Computer Local Disk (C:)					
Documentation GIS Install GIS_TEST					
4 items					

2. Once there open the tnsnames.ora file in notepad and past the connection string into the file, save it, and close the file.



3. Now open the sqlnet.ora file and add the following line after the lines with # at their beginning. NAMES.DEFAULT_DOMAIN = world



- 4. Once this is done save and close the file.
- 5. Close the file explorer.

5.6 ArcSDE 9.3 Install

1. Navigate to the ArcSDE 9.3 install directory and double click the ESRI.exe file or insert the media and the install will begin.



3.

2. When the ArcSDE for Windows window appears click the ArcSDE for Oracle 10g R2 link.

rcSDE for Windows	Arc
	LISH G
Quick-Start Guide	
ArcSDE 9.3 for Windows	
ArcSDE for DB2	Installation Guide
ArcSDE for Informix	Installation Guide
ArcSDE for Oracle 9i R2	Installation Guide
ArcSDE for Oracle 10g R2	Installation Guide
ArcSDE for Oracle 11g R1	Installation Guide
ArcSDE for PostgreSQL	Installation Guide
ArcSDE for Microsoft SQL Server	Installation Guide
GDB Direct Connect for DB2 on IBM z	/OS Installation Guide
ArcGIS Pre 9.3 GDB Direct Connect	Installation Guide
ArcSDE 9.3 Developer Kit	
ArcSDE SDK	Installation Guide
The UNIX setups are included; see installation g	guides for more information.
p	
nstall welcome screen opens click NEXT.	
Welcome to t	the ArcSDE
for Oracle10	g R2 Setup
program	
It is strongly recommended Windows programs befor Program.	e running this Setup
Click Cancel to quit Setu programs you have runni continue with the Setup F	p and close any ng. Click Next to Program.
WARNING: This program	n is protected by

Unauthorized reproduction or distribution of this program, or any portion of it, may result in severe civil and criminal penalties, and will be prosecuted to the maximum extent possible under law.



4. Click the radio button next to "I accept the license agreement" and press NEXT.

R ArcSDE for Uracle10g RZ Setup	
License Agreement	
You must agree with the license agreement (E2U4 and E3UU) bel	low to proceed.
IMPORTANT-READ CAREFULLY	
UNLESS SUPERSEDED BY A SIGNED LICENSE AGREEMEN ESRI, ESRI IS WILLING TO LICENSE SOFTWARE, DATA, V DOCUMENTATION TO YOU ONLY IF YOU ACCEPT ALL T CONDITIONS CONTAINED IN THIS LICENSE AGREEMENT TERMS AND CONDITIONS CAREFULLY. SOFTWARE, DA DOCUMENTATION WILL NOT BEGIN DOWNLOADING TO YOUR COMPUTER SYSTEM UNTIL YOU HAVE MANIFEST THE TERMS AND CONDITIONS OF THE LICENSE AGREEM accept the License Agreement" BELOW. IF YOU DO NOT AO AND CONDITIONS AS STATED, THEN ESRI IS UNWILLIN SOFTWARE, DATA, WEB SERVICES, OR DOCUMENTATION I accept the license agreement C I do not accept the license agreement	IT BETWEEN YOU AND WEB SERVICES, OR FERMS AND T. PLEASE READ THE TA, OR O OR INSTALL ONTO TED YOUR ASSENT TO MENT BY CLICKING "I GREE TO THE TERMS IG TO LICENSE ON TO YOU, AND YOU
View License Reset < Back	Next > Cancel

5. Change the install location so that it points at the install drive. In this case C:\ was changed to D:\ Click NEXT

🙀 ArcSDE for Oracle10g R2 Setup	
Destination Folder Please select installation folder.	E
Select the folder where ArcSDE for Oracle10g R2 is to be installed	d.
Click Browse to install into a different folder.	
Destination Folder D:\Program Files (x86)\ArcGIS\ Important: If you are upgrading your version of ArcSDE, make so your existing ArcSDE database. Contact your DBA for correct pre	Browse ure you have backed up otocol.
Back	Next > Cancel

6. Click NEXT to start the install.



	ArcSDE for Oracle10g R2 has been successfully installed.
1 A Sea	Click Finish to exit this installation.
	V
	K Back Finish Cancel

8. On the ArcSDE Post Install window press cancel.



9. When the confirm exit window appears press Exit Setup.

🙀 ArcSDE for O	racle10g R2 Setup 🗙
Installation is not now, the applica	complete. If you quit the setup program tion will not be installed.
You can run the the installation.	setup program at a later time to complete
To continue inst program, click E	alling, click Resume. To quit the setup xit Setup.
	Resume Exit Setup

5.7 ArcSDE 9.3.1 Install

1. Navigate to the 9.3.1 install directory and go into the SDE folder. Once in there double click on **SDE931-Oracle10g.msp** to begin the install.

rganize 🔻 👸 Apply 🔻	New folder		:= • 🔳 (
Documents	Name ^	Date modified	Туре
J Music		3/12/2009 5:46 PM	TAR File
Pictures	sde931-ora10g-ibm64.tar	3/12/2009 5:46 PM	TAR File
I VICEOS	sde931-ora10g-lx.tar	3/12/2009 5:46 PM	TAR File
Computer	sde931-ora10g-lx64.tar	3/12/2009 5:46 PM	TAR File
Local Disk (C:)	sde931-ora10g-slrs64.tar	3/12/2009 5:46 PM	TAR File
📷 GIS Applications (D	sde931-ora11g-ibm64.tar	3/12/2009 5:46 PM	TAR File
📷 LUN_227 GIS User	sde931-ora11g-lx.tar	3/12/2009 5:46 PM	TAR File
🛖 d5dfs (\\d5.dot.sta	sde931-ora11g-lx64.tar	3/12/2009 5:46 PM	TAR File
🚽 fdot (\\dotsd5dlcac	sde931-ora11g-slrs64.tar	3/12/2009 5:46 PM	TAR File
👷 dfsroot (\\dotsd5dl	🔀 SDE931-Oracle9i.msp	3/10/2009 6:06 PM	Windows Installer P
9 55502DJ (\\dotsd5	7 SDE931-Oracle10g.msp	3/10/2009 6:12 PM	Windows Installer P
Network	SDE931-Oracle10g-64.msp	3/11/2009 11:24 PM	Windows Installer P
NOUYOIN	🔂 SDE931-Oracle11g.msp	3/10/2009 6:19 PM	Windows Installer P
	🔀 SDE931-Oracle11g-64.msp	3/12/2009 12:32 AM	Windows Installer P
•			

2. When the welcome screen appears click NEXT.



3. Accept the licensing agreement by clicking the top radio button. The press NEXT.

1	ALCEDE LOL OLACIE LOG KZ SECOD	_ ^
	License Agreement You must agree with the license agreement (E204 and E300) below to proceed.	N N
1		
	IMPORTANT-READ CAREFULLY	<u> </u>
	UNLESS SUPERSEDED BY A SIGNED LICENSE AGREEMENT BETWEEN YOU AND ESRI, ESRI IS WILLING TO LICENSE SOFTWARE, DATA, WEB SERVICES, OR DOCUMENTATION TO YOU ONLY IF YOU ACCEPT ALL TERMS AND CONDITIONS CONTAINED IN THIS LICENSE AGREEMENT. PLEASE READ THE TERMS AND CONDITIONS CAREFULLY. SOFTWARE, DATA, OR DOCUMENTATION WILL NOT BEGIN DOWNLOADING TO OR INSTALL ONTO YOUR COMPUTER SYSTEM UNTIL YOU HAVE MANIFESTED YOUR ASSENT TO THE TERMS AND CONDITIONS OF THE LICENSE AGREEMENT BY CLICKING "I accept the License Agreement" BELOW. IF YOU DO NOT AGREE TO THE TERMS AND CONDITIONS AS STATED, THEN ESRI IS UNWILLING TO LICENSE SOFTWARE, DATA, WEB SERVICES, OR DOCUMENTATION TO YOU, AND YOU	
	View License Reset < Back Next > Cancel	

4. When the install complete press FINISH.



5.8 ArcSDE 9.3.1 SP 1 Install

1. Navigate to the directory where the ArcSDE service packs were downloaded.



2. Double click the file named **SDE931sp1-Oracle10g.msp.** When the security warning appears press Open.



4. Accept the licensing agreement by clicking the top radio button. The press NEXT.



5. When the install completes press FINISH.



5.9 ArcSDE 9.3.1 SP 2 Install

1. Navigate to the directory where the ArcSDE service packs were downloaded.

NrcSDE						-	
G V 🕨 🕈 !!Archive 🕶	ArcGIS \star ArcGISServicePacks \star	ArcSDE	👻 🚺 Search	ArcSDE			2
Organize 🔻 New folder					:	-	0
	Name *	Date modified	Туре	- Size			
 ⇒ Libraries ⇒ Documents → Music ⇒ Pictures ⇒ Videos ⇒ Computer ▲ Local Disk (C:) ∞ GIS Applications (D ∞ LUN_227 GIS User ∞ GIS (C:) Cist Set to to	子 SDE931sp1-Oracle10g.msp 伊 SDE931sp2-Oracle10g.msp	9/14/2011 1:19 PM 9/14/2011 1:19 PM	Windows Installer Patch Windows Installer Patch	а, 3,263 КВ а. 3,387 КВ			
Godi's (\\dotsd5dlcac fdot (\\dotsd5dlcac fisroot (\\dotsd5dl S5502DJ (\\dotsd5							
2 items							

2. Double click the file named **SDE931sp1-Oracle10g.msp.** When the security warning appears press Open.



4. Accept the licensing agreement by clicking the top radio button. Then press NEXT.



5.10 ArcSDE Post Install

1. Go to Start → All Program → ArcGIS → ArcSDE and then click on the "*ArcSDE for Oracle10gR2 Post Installation*" link.





3. On the install type screen select the radio button next to Custom and then click NEXT.

ArcSDE for Oracle10g F	32	×
Welcome to the Ar ArcSDE for Oracle	cSDE Post Installation	r.A.
This setup helps you repository, and create	create an SDE tablespace and user, set up the SDE a the ArcSDE service.	
🔿 Complete -		
	This option creates the SDE tablespace, SDE user, sets up the epository, and creates the ArcSDE service.	
Custom -		
	Jse this option to select from the available Post Installation Setup options.	
	< Back Next > Cancel	Help

4. On the setup wizard options screen uncheck "*Define SDE User Environment*" and "*Create ArcSDE Service*" then press NEXT.

ArcSDE for Oracle10g R2				×
Select ArcSDE Setup Wiz ArcSDE for Oracle	zard Option			E.A.
Define SDE User E Creates the SDE ta	nvironment blespace and u	iser.		
Repository Setup Sets up the reposito	ory. The SDE ta	ablespace and us	er must already exi	ist.
Authorize ArcSDE Select this option to oeodatabase. Create ArcSDE Ser Creates the ArcSDE alreadv exist.) register ArcSD vice E service. The	E for use. This m SDE tablespace,	ust be done for eve user, and SDE rep	ery new bository must
	< Back	Next >	Cancel	Help

5. Press NEXT on the configuration files window.

SDE for Oracle10g R2			
ArcSDE configuration files Select configuration file options			1. A.
Define giomgr.defs file			
Use default file			
C User custom file			
		Browse	
Define dbinit.sde file © Use default file			
O User custom file			
		Browse	
< Back	Next >	Cancel	Help

6. On the configuration files continued window click NEXT.

CSDE TUR URACIETUY KZ	
ArcSDE configuration files continued Select geometry storage option	r.A.
DBTune	
Select the default geometry storage type	
Spatial type for Oracle	
O Binary storage using LOB	
O Oracle Spatial / Oracle Locator	
C Use custom dbtune file (if upgrading - do not use - see Install Guide)	
Brow	Ise
c Dark Marita Canad	

7. On the User Information screen enter the SDE User ID and password and the Net service name for the database. The net service name is the name given to the database by CO-DBAT.

ArcSDE for Oracle10g R2				×
User information				E.A.
Connect to create SDE reposit	tory			
SDE user name		sde		
SDE user password		жжжжж		
Net service name		DxGIS		
	< Back	Next >	Cancel	Help

8. Once this information is entered press NEXT. The following prompt should appear. Click YES if you want to view the log.

NOTE: If there was a failure contact the person responsible for setting up the database at CO-DBAT. They will be able to help you resolve any issues.

ArcSDE Post Installation	×
The ArcSDE Repository was successfully completed. Would you like to view the status?	
Yes No	

9. If you clicked YES on the previous screen the following log will appear.

📕 wise_err.log - Notepad	_ 🗆 🗡
File Edit Format View Help	
WARNING: Parameter "TEMP" not found in giomgr.defs file! WARNING: Setting TEMP to "C:\Users\ss502dj\AppData\Local\Temp\2"	-
ESRI ArcSDE Server Setup Utility wed Sep 14 14:23:04 2011	
Creating ArcSde schema Successfully created ArcSde schema.	
Installing locators Successfully installed locators.	
Creating geodatabase schema Successfully created GDB schema.	
	-

10. Close the log

11. On the Authorize screen press NEXT.



12. When the authorization wizard appears select the top radio button and press NEXT.

ware Authorization wizard	
Registration Options You must register the software prior to us	e. Select from the options below.
Registration Options I have installed my software and need to I have already registered the software a extensions.	o register it. Ind need to register additional options or
C I have received an authorization file from registration process.	m ESRI and am now ready to finish the
	< Back Next > Cano

13. Select the register using the internet radio button and press NEXT.

Software Authorization Wizard	×
Registration Method Select the method you want to use to register the software.	C.A.
 Register now using the Internet. (This automatic method is the easiest way to register. It requires an Internet connection.) Register at ESRI's website and receive your authorization file by email. Register by email and receive your authorization file by email. Fax or mail your registration to ESRI. 	
< Back Next >	Cancel

14. Enter the registration information and press NEXT.

Registration Information We will use the following information to verify our records and authorize your use of the software. (* required field) *First Name: *Last Name: *Last Name: *Department: *Address 1: Address 2: *City: *State/Province: *Zip/Postal Code: *Country:	tware Authorization V	Vizard			
*First Name: *Last Name: *Organization: Department: *Address 1: Address 2: *City: *State/Province: *Zip/Postal Code: *Country:	Registration Informat We will use the follow authorize your use of	ion wing information to verify i the software. (* require	v our records and d field)	d	E.A.
*First Name: *Last Name: *Organization: Department: *Address 1: Address 2: *City: *State/Province: *Zip/Postal Code: *Country:					
*Last Name: *Organization: Department: *Address 1: Address 2: *City: *State/Province: *Zip/Postal Code: *Country:	*First Name:				
*Organization:	*Last Name:				
Department: "Address 1: Address 2: "City: "State/Province: "State/Province: "Zip/Postal Code: "Country:	*Organization:			0	
*Address 1: Address 2: *City: *State/Province: *Zip/Postal Code: *Country:	Department:				
Address 2: *City: *State/Province: *Zip/Postal Code: *Country:	*Address 1:				
*City:	Address 2:				
*State/Province: *Zip/Postal Code: *Country:	*City:				
"Zip/Postal Code: "Country:	*State/Province:				
*Country:	*Zip/Postal Code:				
	*Country:			•	
			< Back	Next >	Cancel
				Next>	

15. Continue entering information then press NEXT.

tware Authorization Wiz	ard	
Registration information We will use the following authorize your use of the	n (continued) g information to verify our records and e software. (* required field)	TA.
*Phone Number:		
FAX Number:		
*Email:		
*Your Organization:		•
*Your Industry:		•
*Yourself:		-

16. Enter the registration code received from ESRI. Press NEXT NOTE: This should be the same code you used for ArcGIS Server.

ware Authorization Wizard				
Software Registration Number Enter the registration number for	your software	product		T.A.
The registration number consists o ABC123456789.	f three letters a	nd a series of r	numbers; similar to)
ArcGIS Server				
		< Back	Next>	Cancel

17. Enter the information relevant to your system and press NEXT.

Software Authorization Wizard		×
ArcGIS Server Registration Please select from the options below.		E.A.
Which platform do you plan to use? • .Net Java Operating System What operating system do you use for the SOM,SOC and Web ADF Runtime?	PC-Intel Windows	
RDBMS What RDBMS do you use?	Oracle	•
Number of users How many users do you plan on serving?	501-1000	•
Primary deployment plan What is the primary deployment plan for your ArcGIS Server implementation?	C Internet only C Intranet only C Both	
-		
	< Back Next >	Cancel

18. Select the Radio button next to "I do not want to register any extensions at this time" and press NEXT

ware Auchorization wizard		
Please select from the options below.		Tes.
Options		
I do not want to register any extension	ons at this time.	
O I have a registration number for one	or more extensions.	
-Registration numbers		
3D Server		
Network Server		
Spatial Server		
Data Interoperability Server		
Geostatistical Server		
Schematics Server		
Virtual Earth		
Virtual Earth Information		
	<back next=""></back>	Cance

19. Click NEXT on the trial window.

Software Authorization	
ArcGIS Server Option Registration Please select from the options below.	(and
You have not provided registration information for Would you like to try an evaluation copy of one or	r one or more of the ArcGIS Server extensions. Ir more of the extensions?
D 3D Server	
Network Server	
🔲 Spatial Server	
🗖 Data Interoperability Server	
🔲 Geostatistical Server	
Schematics Server	
Note: If you have already authorized any of thes additional evaluations.	se extensions, ESRI cannot provide you
	<back next=""> Cancel</back>

20. The license authorization will begin. When it finishes press FINISH.

Soft	ware Authoriza	ition				×
	Registering and	l Authoriz	ing Software			C.C.
		~	Connecting to E	SRI		
		✓	Sending registra	tion information		
		\checkmark	Receiving autho	orization file		
		\checkmark	Authorizing softw	vare		
	Congrati	ulations, yo	ur software has be	en authorized and	l is now ready for	use.
				< Back	Finish	Cancel
. Wh	en the post	install	complete v	vindow app	bears click	FINISH.
Arcs	5DE for Oracle1	Og R2	•			×
	ArcSDE Post In ArcSDE for 0	nstallation racle	n is complete			an
	CT 1 57 1 1 1					
	Click Finish to	exit.				
			< Back	Finish	Cancel	Help

5.11 ArcSDE Service Configuration

- 1. This process was developed from the linked ESRI help document starting with step 6. http://support.esri.com/index.cfm?fa=knowledgebase.techarticles.articleShow&d=23753
- 2. Open a command prompt by going to Start \rightarrow Run and type cmd
- 3. Change the working directory to "D:\Program Files (x86)\ArcGIS\ArcSDE\ora10gexe"
- 4. In the command window enter the following command replacing <sdepassword> with the sde userid's password. Press enter after entering the line below.
 - a. sdeservice -o create -p <sdepassword> -d ORACLE,D5GIS -n -i esri_sde
 - b. If the service is created successfully you should see the following message.

Copying contents of C:\Program Files\ArcGIS\ArcSDE\ora10gexe\\etc\dbinit.sde to C:\Program Files\ArcGIS\ArcSDE\ora10gexe\\etc\dbinit.sde.backup.

Successfully created and registered esri_sde service

C:\Program Files\ArcGIS\ArcSDE\ora10gexe>_

- 5. Open explorer and navigate to "D:\Program Files (x86)\ArcGIS\ArcSDE\ora10gexe/etc" and open dbinit.sde in notepad.
- 6. Change ORACLE_SDE=D5GIS to LOCAL=D5GIS



- 7. Save the file can close it.
- 8. Navigate to C:\Windows\System32\Drivers\Etc and open the services file in notepad.
- 9. Once the file is open scroll to the bottom and verify that the following service is listed:
 - a. Esri_sde 5151/tcp #ArcSDE for Oracle
 - b. If it is not there add it on a new line at the end of the file.
- 10. Save and close the services file.
- 11. Switch back to the command window and type in the following and hit enter.
 - a. Net start esri_sde
 - b. The service should start and you should see the following.

	-			
C:\Program The ArcSde The ArcSde	Files\ArcGIS\A Service(esri_s Service(esri_s	rcSDE\ora10gexe de) service is de) service was	>net star starting. started s	t esri_sde successfully.

C:\Program Files\ArcGIS\ArcSDE\ora10gexe>

12. Once the service starts the ArcSDE install is complete.