How to connect to a GIS Server in ArcCatalog For DNR

- 1. Open ArcCatalog
- 2. In the Catalog Tree Window: Navigate to "Database Connections" and open the drop down:

JARCCatalog - Database Connections



3. Select "Add Database Connection" from the Database Connections Menu:



- a. Set Instance to: sde:oracle11g:dnrprod_gis
- b. Set Authentication Type to "Database Authentication"
- c. Enter User name and password:

Username: gis_dmlwviewer Password: welcome

Database Connection		×
Database Platform:	Orade	~
Instance:	sde:oracle11g:dnrp	rod_gis
Authentication Type:	Database authentication \sim	
	User name:	gis_dmlwviewer
	Password:	•••••
	Save user name and password	
About Database Connection	<u>15</u>	OK Cancel

5. Click the OK button.

You're all set!

Alternatively:

You can use SDE connection files to add multiple connections at one time.

Just copy and paste the SDE connection files to this location:

C:\Users\yourusername\AppData\Roaming\ESRI\Desktop10.5\ArcCatalog

*If you don't see the AppData folder in your file path:

1. Go to your Start menu and search for Control Panel. (Sometimes you can right-click on Start and choose it from the menu).

2. Go to System and Security > Appearance and Personalization > File Explorer Options > Show hidden files and folders



3. Ensure that Show hidden files, folders and drives is selected, then click OK:

File Explorer Options			
General View Search			
Folder views			
You can apply this view (such as Details or Icons) to all folders of this type.			
Apply to Folders Reset Folders			
Advanced settings:			
Files and Folders	^		
Always show icons, never thumbnails			
Always show menus			
 Display file icon on thumbnails Display file size information in folderation 			
Display the full path in the title bar			
Hidden files and folders			
 Don't show hidden files, folders, or drives 			
Show hidden files, folders, and drives			
✓ Hide empty drives			
Hide extensions for known file types			
Hide folder merge conflicts	*		
Restore Defaults	\$		
OK Cancel App	bly		

How to Connect to A GIS Server in ArcGIS Pro

- 1. Open ArcGIS Pro
- 2. In the Catalog Pane, Open the Databases folder



3. Right Click on Databases and select New Database Connection from the menu



4. Enter the information in the screenshot below:

Database Connection			×
Database Platform:		Oracle	
Instance:		sde:orac	:le11g:dnrprod_gis
Authentication Type:		Databas	e authentication *
	User Name:		dmlwviewer
	Password:		*****
	Save User/Password		
Database:			
			OK Cancel

Database Platform: Oracle Instance: sde:oracle11g:dnrprod_gis Authentication Type: Database authentication Username: gis_dmlwviewer Password: welcome

5. Save the username and password and click OK.

Pro Tip: If you want to keep this connection for all projects and not just the current one. Go to the Favorites tab and choose Add Item >> New Database Connection and do steps 4 and 5 there instead. This will add the database connection to your favorites list and it will be preserved there for future projects.



Database Connection Errors

Failed to connect to Database/Failed to connect to server

	Catalog + ×
	
Connect X	 ■ Toolboxes ■ Database Servers ■ Database Connections ▲ Add Database Connection
 Failed to connect to database. Cannot connect to database because the database client software failed to load. Be sure the database client software is installed and configured correctly.	Connection to sde.sde gis_dmlwviewer@dnrprod_gis.sde gis_dogviewer@dnratwgisprod1_5156.sde gis_dogviewer@dnrprod_gis.sde gis_dporviewer@dnrprod_gis.sde gis_forestp.si:ewer@dnrprod_gis.sde
ОК	

This issue indicates that the Oracle Client software is missing. Put in an OIT help ticket to have your Oracle client installed. ArcMap requires the 32-bit Oracle client. ArcGIS Pro requires the 64-bit Oracle client. If you run both, you will need both clients.

ESRI Technical Support Article: https://support.esri.com/en/technical-article/000013240

TNS Names Error

Connect	×
Failed to connect to database. Underlying DBMS error[ORA-12154: TN: specifiedNo extended error.]	S:could not resolve the connect identifier

This error occurs when trying to make an Oracle connection using ArcMap or ArcCatalog and it signifies that the TNS names file is wrong or missing. Getting the correct file and placing it in the location below will correct the error.

File goes here:

C:Program Files (x86)\Oracle\client\UserName\product\12.1.0\client_1\network\admin

If there is a file named "tnsnames.ora" in this location already then rename it tnsnames.old.ora and paste the new file in this location.

If you do not have permissions to view the file directory shown above, then file a ticket with the OIT, they will help you.