



Instituto Politécnico Nacional
Unidad Profesional Interdisciplinaria en Ingeniería y Tecnologías
Avanzadas

16-6-2022

EQUIPO 1

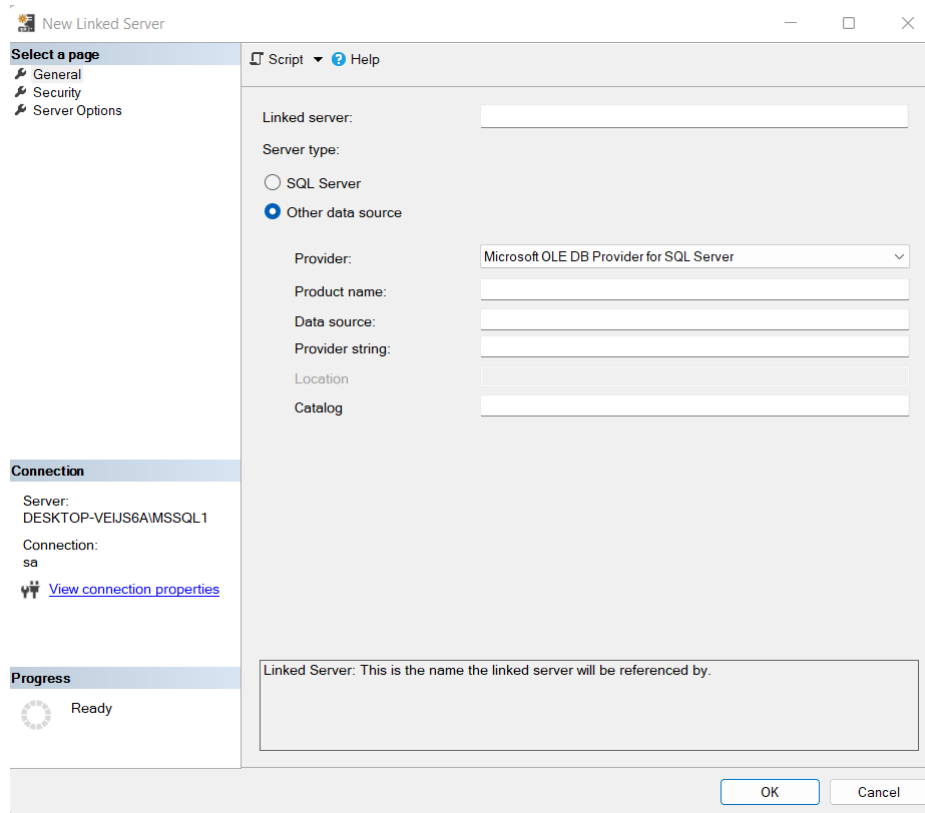
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3TM3

Configuración de Servidores vinculados o linked servers

En la carpeta de nuestra instancia de SQL de server object->linked server le daremos en new linked server



Como estamos dentro de la misma instancia de sql le pondremos en la opción SQL server

New Linked Server

Select a page

- General
- Security
- Server Options

Script Help

Linked server:

Server type:

☒ SQL Server

☐ Other data source

Provider: Microsoft OLE DB Provider for SQL Server

Product name:

Data source:

Provider string:

Location:

Catalog:

Connection

Server: DESKTOP-VEIJS6A\MSSQL1

Connection: sa

[View connection properties](#)


Progress

Ready

Server Type is either SQL Server or an OLE DB provider installed on the server. If SQL Server is selected then the Linked Server name is also the network name of the server.




OK Cancel

Para eso tenemos que escribir el nombre de la instancia en la que estamos si no nos dará un error de este tipo

 The linked server has been created but failed a connection test. Do you want to keep the linked server?

Additional information:

- An exception occurred while executing a Transact-SQL statement or batch. (Microsoft.SqlServer.ConnectionInfo)
- The OLE DB provider "SQLNCLI11" for linked server "SQLEXPRESS" reported an error. Authentication failed. Cannot initialize the data source object of OLE DB provider "SQLNCLI11" for linked server "SQLEXPRESS". OLE DB provider "SQLNCLI11" for linked server "SQLEXPRESS" returned message "Invalid authorization specification". (Microsoft SQL Server, Error: 7399)

Yes No

Para establecer como nos identificaremos le daremos en la pestaña de security

New Linked Server

Select a page

- General
- Security
- Server Options

Script ? Help

Local server login to remote server login mappings:

Local Login	Impersonate	Remote User	Remote Password
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Add Remove

Connection

Server:
DESKTOP-VEIJS6AMSSQL1

Connection:
sa

[View connection properties](#)

Progress

Ready

For a login not defined in the list above, connections will:

- ☐ Not be made
- ☒ Be made without using a security context
- ☐ Be made using the login's current security context
- ☐ Be made using this security context:

Remote login:

With password:

OK Cancel

Después ponemos el nombre que queremos en la instancia y seleccionamos el tipo de seguridad que debe tener

New Linked Server

Script Help

Select a page

- General
- Security
- Server Options

Local server login to remote server login mappings:

Local Login	Impersonate	Remote User	Remote Password
DESKTOP-VEIJS6Aie...	<input checked="" type="checkbox"/>		

Add Remove

For a login not defined in the list above, connections will:

- ☐ Not be made
- ☐ Be made without using a security context
- ☐ Be made using the login's current security context
- ☒ Be made using this security context:

Remote login: sa

With password: *****

OK Cancel

Connection

Server: DESKTOP-VEIJS6AMSSQL1

Connection: sa

[View connection properties](#)

Progress

Ready

Colocamos los datos y credenciales que necesitamos para poder acceder a la instancia 2 y poder acceder a ella

For a login not defined in the list above, connections will:

☐ Not be made

☐ Be made without using a security context

☐ Be made using the login's current security context

☒ Be made using this security context:

Remote login:

With password:

Le pusimos sa por ser el usuario por defecto de SQL

Ahora haremos una consulta remota para ver si esta configurada y usaremos la siguiente sintaxis

Select * from [nombre_servidor].[base de datos].[tabla].[campo]

select * from [SREMOTO].[AdventureWorks2019].[sales].[salesorderheadrer]

Results Messages													
	SalesOrderID	RevisionNumber	OrderDate	DueDate	ShipDate	Status	OnlineOrderFlag	SalesOrderNumber	PurchaseOrderNumber	AccountNumber	CustomerID	SalesPersonID	Te
1	43659	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43659	PO522145787	10-4020-000676	29825	279	5
2	43660	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43660	PO18850127500	10-4020-000117	29672	279	5
3	43661	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43661	PO18473189620	10-4020-000442	29734	282	6
4	43662	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43662	PO18444174044	10-4020-000227	29994	282	6
5	43663	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43663	PO18009186470	10-4020-000510	29565	276	4
6	43664	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43664	PO16617121983	10-4020-000397	29898	280	1
7	43665	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43665	PO16588191572	10-4020-000146	29580	283	1
8	43666	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43666	PO16008173883	10-4020-000511	30052	276	4
9	43667	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43667	PO15428132599	10-4020-000646	29974	277	3
10	43668	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43668	PO14732180295	10-4020-000514	29614	282	6
11	43669	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43669	PO14123169936	10-4020-000578	29747	283	1
12	43670	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43670	PO14384116310	10-4020-000504	29566	275	3
13	43671	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43671	PO13978119376	10-4020-000200	29890	283	1
14	43672	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43672	PO13862153537	10-4020-000119	30067	282	6
15	43673	8	2011-05-31 00:00:00.000	2011-06-12 00:00:00.000	2011-06-07 00:00:00.000	5	0	SO43673	PO13775141242	10-4020-000618	29844	275	2