

Universidad de Costa Rica.


Curso de Administración de Bases de datos.

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Laboratorio 1

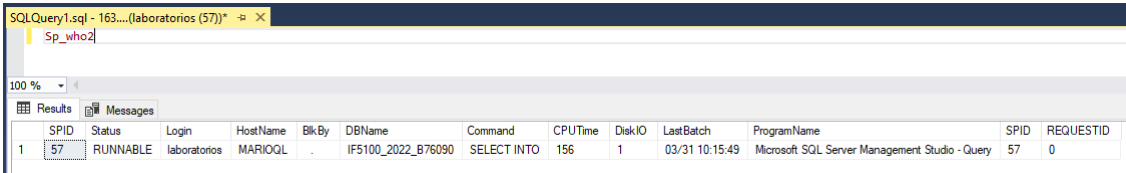
### Comandos MSSQL:

**Spwho:** Devuelve la información de la sesión que se encuentra activa en el momento.



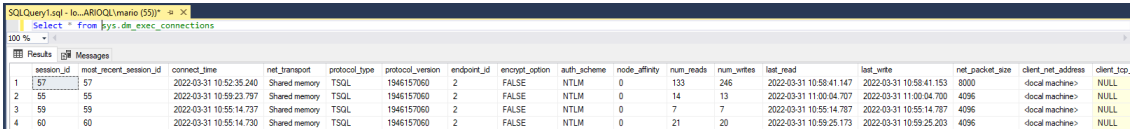
	spid	ecid	status	loginame	hostname	blk	dbname	cmd	request_id
1	57	0	runnable	laboratorios	MARIOQL	0	IF5100_2022_B76090	SELECT	0

**Spwho2:** Devuelve la información de la sesión que se encuentra activa en el momento, pero con más información, como lo es CPUTime y DiskIO.



	SPID	Status	Login	HostName	BlkBy	DBName	Command	CPUTime	DiskIO	LastBatch	ProgramName	SPID	REQUESTID
1	57	RUNNABLE	laboratorios	MARIOQL	.	IF5100_2022_B76090	SELECT INTO	156	1	03/31 10:15:49	Microsoft SQL Server Management Studio - Query	57	0

**sys.dm\_exec\_connections:** Muestra información de las conexiones establecidas con SQL Server.



	session_id	most_recent_session_id	connect_time	net_transport	protocol_type	protocol_version	endpoint_id	encrypt_option	auth_scheme	node_affinity	num_reads	num_writes	last_read	last_write	net_packet_size	client_net_address	client_tcp_port
1	57	57	2022-03-31 10:52:35.240	Shared memory	TSQL	1946157060	2	FALSE	NTLM	0	133	246	2022-03-31 10:55:41.147	2022-03-31 10:55:41.153	8000	localhost	NULL
2	55	55	2022-03-31 10:55:23.797	Shared memory	TSQL	1946157060	2	FALSE	NTLM	0	14	13	2022-03-31 11:00:04.707	2022-03-31 11:00:04.700	4096	localhost	NULL
3	59	59	2022-03-31 10:55:14.737	Shared memory	TSQL	1946157060	2	FALSE	NTLM	0	7	7	2022-03-31 10:55:14.787	2022-03-31 10:55:14.787	4096	localhost	NULL
4	60	60	2022-03-31 10:55:14.730	Shared memory	TSQL	1946157060	2	FALSE	NTLM	0	21	20	2022-03-31 10:55:25.173	2022-03-31 10:55:25.203	4096	localhost	NULL

**Sys.sysprocesses:** Muestra los procesos que están corriendo en la instancia de SQL Server.



Prueba/postgres@LocalHost

Query Editor

Query History

Scratch Pad

1

select \* from pg\_stat\_activity

Data Output

Explain

Messages

Notifications

	<div>datid</div> <div>oid</div>	<div>datname</div> <div>name</div>	<div>pid</div> <div>integer</div>	<div>leader_pid</div> <div>integer</div>	<div>usesysid</div> <div>oid</div>	<div>username</div> <div>name</div>	<div>application_name</div> <div>text</div>	<div>client_addr</div> <div>inet</div>	<div>client_hostname</div> <div>text</div>	<div>client_port</div> <div>integer</div>	<div>backend_start</div> <div>timestamp v</div>
1	[null]	[null]	14456	[null]	[null]	[null]		[null]	[null]	[null]	2022-03-31
2	[null]	[null]	19240	[null]	10	postgres		[null]	[null]	[null]	2022-03-31
3	13754	postgres	7360	[null]	10	postgres	pgAdmin 4 - DB:postgres	::1	[null]	53628	2022-03-31
4	16394	Prueba	13496	[null]	10	postgres	pgAdmin 4 - DB:Prueba	::1	[null]	58210	2022-03-31
5	16394	Prueba	9560	[null]	10	postgres	pgAdmin 4 - CONN:182...	::1	[null]	58234	2022-03-31
6	[null]	[null]	11936	[null]	[null]	[null]		[null]	[null]	[null]	2022-03-31
7	[null]	[null]	19080	[null]	[null]	[null]		[null]	[null]	[null]	2022-03-31
8	[null]	[null]	7736	[null]	[null]	[null]		[null]	[null]	[null]	2022-03-31

@@version -> **version()**

		Prueba/postgres@LocalHost	
Query Editor		Query History	
1	SELECT version();		
Data Output		Explain	
Messages		Notifications	
	version		
	text		
1	PostgreSQL 14.2, compiled by Visual C++ build 1914, 64-bit		

Sys.databases -> **pg\_database**

Prueba/postgres@LocalHost

Query Editor

Query History

Scratch Pad

1

SELECT \* from pg\_database

Data Output

Explain

Messages

Notifications

	oid [PK] oid	datname name	datdba oid	encoding integer	datcollate name	datctype name	datistemplate boolean	dataallowconn boolean	datconnlimit integer	datlastsysoid oid	datfrozensi xid
1	13754	postgres	10	6	Spanish_Spain...	Spanish_Spa...	false	true	-1	13753	
2	16394	Prueba	10	6	Spanish_Spain...	Spanish_Spa...	false	true	-1	13753	
3	1	template1	10	6	Spanish_Spain...	Spanish_Spa...	true	true	-1	13753	
4	13753	template0	10	6	Spanish_Spain...	Spanish_Spa...	true	false	-1	13753	

**Bibliografía:**

Dieter, D. (2010, 20 junio). *Using sp\_who*. SQLServer Planet.  
[https://sqlserverplanet.com/dba/using-sp\\_who](https://sqlserverplanet.com/dba/using-sp_who)

PostgreSQL. (2018). *PG\_User*. PostgreSQL Documentation.  
<https://www.postgresql.org/docs/9.3/view-pg-user.html>

*sys.sysprocesses (Transact-SQL) - SQL Server*. (2022, 14 marzo). Microsoft Docs.  
<https://docs.microsoft.com/en-us/sql/relational-databases/system-compatibility-views/sys-sysprocesses-transact-sql?view=sql-server-ver15>

Techonthenet. (2003–2022). *PostgreSQL: Find Users in PostgreSQL*. PostgreSQL: Find Users in PostgreSQL.  
[https://www.techonthenet.com/postgresql/questions/find\\_users.php](https://www.techonthenet.com/postgresql/questions/find_users.php)

*Which version of PostgreSQL am I running?* (2012, 5 diciembre). Stack Overflow.  
<https://stackoverflow.com/questions/13733719/which-version-of-postgresql-am-i-running>