INSTALACJA MSSQL 2022 DEVELOPER W SYSTEMIE WINDOWS

PORÓWNANIE WERSJI

Developer	Express
SQL Server 2022 Developer to oferująca komplet funkcji bezpłatna edycja z licencją do użytku jako baza danych do developmentu i testowania w środowisku nieprodukcyjnym.	SQL Server 2022 Express to bezpłatna edycja programu SQL Server, idealna do developmentu aplikacji desktopowych, aplikacji internetowych oraz małych aplikacji serwerowych.
→ pełna wersja	→okrojona wersja

STRUKTURA SERWERA BAZ DANYCH

W szkole instalujemy wszystko domyślnie na dysku C. Poprawnie powinniśmy instalować serwer baz danych na różnych dyskach w odpowiednich katalogach. Przykładowa struktura na obrazku.



POBIERANIE SERWERA



PO ŚCIĄGNIĘCIU PLIKU I URUCHOMIENIU

SQL Server 2022 Developer Edition Select an installation type: Basic Custom

Select Basic installation type to install the SQL Server Database Engine feature with default configuration.

Select Custom installation type to step through the SQL Server installation wizard and choose what you want to install. This installation type is detailed and takes longer than running the Basic install.

Download Media

(3) – ×

Download SQL Server setup files now and install them later on a machine of your choice.

SQL Server transmits information about your installation experience, as well as other usage and performance data, to Microsoft to help improve the product. To learn more about data processing and privacy controls, and to turn off the collection of this information after installation, see the documentation

16.2211.569

SOL Server 2022 🕲 – × **Developer Edition** Specify SQL Server installer download SELECT LANGUAGE English WHICH PACKAGE WOULD YOU LIKE TO DOWNLOAD? ISO (1109 MB) Uncompressed, mountable disk image media CAB (1176 MB) Compressed media, .exe and .box files Or, go to the Microsoft Azure portal to provision SQL Server in the cloud SELECT DOWNLOAD LOCATION *: Browse D:\sql\instalka Download

URUCHOMIENIE PLIKU INSTALACYJNEGO



📸 SQL Server Installation Center	×
Planning Installation	New SQL Server standalone installation or add features to an existing installation Launch a wizard to install SQL Server 2022 in a non-clustered environment or to add features to an existing SQL Server 2022 instance.
Maintenance Tools Resources	Install SQL Server Reporting Services Launch a download page that provides a link to install SQL Server Reporting Services. An internet connection is required to install SSRS.
Advanced Options	 Install SQL Server Management Tools Launch a download page that provides a link to install SQL Server Management Studio, SQL Server command-line utilities (SQLCMD and BCP), SQL Server PowerShell provider, SQL Server Profiler and Database Tuning Advisor. An internet connection is required to install these tools.
	Install SQL Server Data Tools Launch a download page that provides a link to install SQL Server Data Tools (SSDT). SSDT provides Visual Studio integration including project system support for Microsoft Azure SQL Database, the SQL Server Database Engine, Reporting Services, Analysis Services and Integration Services. An internet connection is required to install SSDT.
	New SQL Server failover cluster installation Launch a wizard to install a single-node SQL Server 2022 failover cluster. This action is only availabe in the clustered environment.
	Add node to a SQL Server failover cluster Launch a wizard to add a node to an existing SQL Server 2022 failover cluster. This action is only availabe in the clustered environment.
Microsoft SQL Server 2022	Upgrade from a previous version of SQL Server Launch a wizard to upgrade a previous version of SQL Server to SQL Server 2022. Click here to first view Upgrade Documentation

Edition License Terms Global Rules Microsoft Update Product Updates Install Setup Files Install Rules Azure Extension for SQL Server Ready to Install Installation Progress Complete Or Install Installation Progress Complete
I have a SQL Server license only I have a SQL Server license only

1 SQL Server 2022 Setup

- 0

X

License Terms

To install SQL Server 2022, you must accept the Microsoft Software License Terms.

Edition License Terms

Global Rules Microsoft Update Product Updates Install Setup Files Install Rules Azure Extension for SQL Server Feature Selection Feature Rules Feature Configuration Rules Ready to Install Installation Progress Complete

SQL Server 2022 Developer Edition

YOU MUST ACCEPT THE SOFTWARE LICENSE TERMS. SEE BELOW. Please read the full license terms provided at (aka.ms/useterms).

DATA COLLECTION. The software may collect information about you and your use of the software and send that to Microsoft. Microsoft may use this information to provide services and improve Microsoft's products and services. Your opt-out rights, if any, are described in the product documentation. Some features in the software may enable collection of data from users of your applications that access or use the software. If you use these features to enable data collection in your applications, you must comply with applicable law, including getting any required user consent, and maintain a prominent privacy policy that accurately informs users about how you use, collect, and share their data. You can learn more about Microsoft Privacy Statement at https://doe.microsoft.com/fwlink/2/linkld=521829. You agree to comply with all.



✓ I accept the license terms and Privacy Statement

SQL Server transmits information about your installation experience as well as other usage and performance data. Azure Arc connection also transmits the configuration data to allow you to manage and protect your SQL Server instance using Azure Portal and services. To learn more about data processing and privacy controls, and to turn off the collection of certain information, see the <u>documentation</u>.

< Back Next > Cancel

🐮 SQL Server 2022 Setup		- 0	×
Microsoft Update	c for important updates		
Edition License Terms Global Rules Microsoft Update Product Updates Install Setup Files Install Rules Azure Extension for SQL Server Feature Selection Feature Rules Feature Configuration Rules Ready to Install Installation Progress Complete	Microsoft Update offers security and other important update software, including SQL Server 2022. Updates are delivered u the Microsoft Update website. ✓ Use Microsoft Update fAQ <u>Microsoft Privacy Statement</u>	is for Windows and other Microsoft Ising Automatic Updates, or you ca	n visit
	< [Back Next > Car	ncel

Install Rules Edition License Terms Global Rules Microsoft Updates Product Updates Install Rules Azure Extension for SQL Server Feature Selection Ready to Install Installation Progress Complete Ormoder Install Installation Progress Complete Ormoder Install Installation Progress Ormoder Install Installation Progress
Edition License Terms Global Rules Microsoft Updates Install Setup Files Install Rules Azure Extension for SQL Server Feature Rules Feature Rules Feature Configuration Rules Ready to Install Installation Progress Complete

Azure Extension for SC	
Azure Extension for SQL Server	crosoft Defender for Cloud, Purview, and Azure Active Directory.
Edition License Terms Global Rules Microsoft Update Product Updates Install Setup Files Install Rules Azure Extension for SQL Serv Feature Selection Feature Rules Feature Configuration Rules Ready to Install Installation Progress Complete	r SQL Server To install Azure extension for SQL Server, provide your Azure account or a service principal to authenticate the SQL Server instance to Azure. You also need to provide the Subscription ID, Resource Group, Region, and Tenant ID where this instance will I registered. For more information for each parameter, visit https://aka.ms/arc-sql-server. val

Nie dodajemy rozszerzenia Azure, gdyż nie będzie nam ono potrzebne.

SQL Server 2022 Setup Feature Selection Select the Developer features to	install.					×
Edition License Terms Global Rules Microsoft Update Product Updates Install Setup Files Install Rules Azure Extension for SQL Server Feature Selection Feature Rules Instance Configuration Server Configuration Database Engine Configuration Feature Configuration Rules Ready to Install Installation Progress Complete	 Looking for Reporting Services? Features: Database Engine Services SQL Server Replication Machine Learning Services Full-Text and Semantic Ext Data Quality Services PolyBase Query Service fo Analysis Services Shared Features Data Quality Client Integration Services Scale Out Master Scale Out Worker Master Data Services Redistributable Features 	Download it from s and Language Ext tractions for Search r External Data	m the web Feature description: The configuration and operations instance feature of a SQL Services Server instances can operate the same computer. Prerequisites for selected features Already installed: Windows PowerShell 3.0 Microsoft Visual C++ 201 Disk Space Requirements Drive C: 994 MB required, 777	tion of ea ver instan side-by-: ures: or higher 7 Redistr 7646 MB a	ach nce is ces. SQL side on ibutable available	< >
	Instance root directory: C: Shared feature directory: C: Shared feature directory (x86): C:	\Program Files\Mic \Program Files\Mic \Program Files (x86	crosoft SQL Server\ crosoft SQL Server\ 5)\Microsoft SQL Server\		···	
			< Back Next >		Cancel	

📸 SQL Server 2022 Setup

Instance Configuration

Specify the name and instance ID for the instance of SQL Server. Instance ID becomes part of the installation path.

Kolejny etap pozwala wybrać czy jest to instalacja tzw. instancji domyślnej (w tym trybie nazwa serwera bazy danych to nazwa systemu, w której ten serwer został zainstalowany np. SRVI - instancja domyślna może być tylko jedna), lub instancji nazwanej wtedy nazwa serwera to np. SRVI\WAPRO gdzie SRVI to nazwa komputera w systemie a WAPRO to nazwa instancji, w ten sposób można zainstalować wiele wystąpień serwera baz danych w jednym systemie.

Edition License Terms Global Rules	Default instance Named instance: *	MSSQLSERVER			
Microsoft Update Product Updates Install Setup Files Install Rules Azure Extension for SQL Server	Instance ID: SQL Server directory:	MSSQLSERVER C:\Program Files	Microsoft SQL Server	\MSSQL16.MSSQLSER\	VER
Feature Rules Instance Configuration Server Configuration Database Engine Configuration Feature Configuration Rules Ready to Install Installation Progress Complete	Installed instances:	Instance ID	Features	Edition	Version
				< Back Next	> Cancel

Specify the service accounts and collation configuration. Edition License Terms Global Rules Microsoft Updates Install Setup Files Install Rules Azure Extension for SQL Server Feature Selection Feature Rules Instance Configuration Ready to Install Installation Progress Complete
Specify the service accounts and collation configuration. Edition License Terms Global Rules Microsoft Updates Product Updates Install Setup Files Install Rules Azure Extension for SQL Server Feature Selection Feature Rules Instance Configuration Database Engine Configuration Ready to Install Installation Progress Complete
Edition License Terms Global Rules Microsoft Update Product Updates Install Setup Files Install Rules Azure Extension for SQL Server Feature Rules Instance Configuration Service Configuration Server Configuration Server Configuration Patabase Engine Configuration Feature Configuration Database Engine Configuration Ready to Install Installation Progress Complete

📸 SQL Server 2022 Setup	- 🗆 X			
Server Configuration Specify the service accounts and	d collation configuration.	: Customize the SQL Server 2022 Data	base Engine Collation	
Edition License Terms Global Rules Microsoft Update Product Updates	Service Accounts Collation Database Engine: SQL_Latin1_General_CP1_CI_AS Latin1_General_conscitive_secret_constitute_constitute_secret_constitute_constitute_secret_constitute_constitut	Select the collation you would like Windows collation designator a Collation designator:	to use: nd sort order Albanian	~
Install Setup Files Install Rules Azure Extension for SQL Server Feature Selection Feature Rules Instance Configuration Server Configuration Database Engine Configuration Feature Configuration Rules Ready to Install Installation Progress Complete	insensitive for Unicode Data, SQL Server Sort Order 52 on Code Page 1252 for non- Unicode Data	 Binary Case-sensitive Accent-sensitive Sub-mentary characters SQL_collation, used for backwai SQL_celandic_Pref_CP1_C1_AS SQL_Latin1_General_CP1_C1_AI SQL_Latin1_General_CP1_C1_AS SOL_Latin1_General_CP1_C2_AS SOL_Latin1_General_CP1_C2_AS Collation description: Latin1-General, case-insensitive, a Page 1252 for non-Unicode Data 	Binary-code point Kana-sensitive Width-sensitive Variation selector-sensitive ds compatibility ccent-sensitive, kanatype-insensitive,	Char/Varchar Storage Options
	< Back Next > Cancel			



USTAWIANIE KATALOGÓW INSTALACYJNYCH

Specify Database Engine auther parallelism. Memory limits and	puration nication security mode, administrators, data directories, TempDB, Max degree of Filestream settings.	Specify Database Engine contra specify Database Engine authe parallelism. Memory limits and	Insuration thentication security mode, administrators, data directories, TempDB, Max degree of nd Filestream settings.
Edition License Terms Global Rules Microsoft Update Product Updates Install Setup Files Install Rules Azure Extension for SQL Server Feature Roles Instance Configuration Server Configuration Database Engine Configuration Feature Configuration Rules Ready to Install Installation Progress Complete	Server Configuration Data Directorie: C:\Program Files\Microsoft SQL Server\ Data root directory: C:\Program Files\Microsoft SQL Server\ System database directory: C:\Program Files\Microsoft SQL Server\MSSQL1Data User database directory: C:\Program Files\Microsoft SQL Server\MSSQL16.MSSQL5ERVER User database directory: C:\Program Files\Microsoft SQL Server\MSSQL16.MSSQL5ERVER User database log directory: C:\Program Files\Microsoft SQL Server\MSSQL16.MSSQL5ERVER Backup directory: C:\Program Files\Microsoft SQL Server\MSSQL16.MSSQL5ERVER Backup directory: C:\Program Files\Microsoft SQL Server\MSSQL16.MSSQL5ERVER	Edition License Terms Global Rules Microsoft Update Product Updates Install Setup Files Install Setup Files Install Rules Azure Extension for SQL Server Feature Selection Feature Rules Instance Configuration Database Engine Configuration Database Engine Configuration Reature Configuration Rules Ready to Install Installation Progress Complete	Server Configuration Data Directories TempDB- MaxDOP Memory FILESTREAM Data root directory: C:\Program Files!Microsoft Sci Server/ System database directory: C:\Program Files!Microsoft Sci Server/ User database directory: D:\sql\userdb User database log directory: D:\sql\userdblog Backup directory: D:\sql\userDbBackup
	< Back Next > Cancel		<back next=""> Cancel</back>

ZSE - SYSTEMY BAZ DANYCH

W

Ilość plików zależna od ilości rdzeni, np.
I rdzeń- I plik,
2 rdzenie – 2 pliki,
4 rdzenie – 4 pliki,
8 lub więcej rdzeni – 8 plików

Data Directories, jeżeli instalujemy z jednym dyskiem - zostawiamy, jeżeli na dwóch, zmieniamy nazwę wg naszej struktury.



髋 SQL Server 2022 Setup	- D X	
Database Engine Confi Specify Database Engine auther parallelism, Memory limits, and	guration ntication security mode, administrators, data directories, TempDB, Max degree of Filestream settings.	
Edition License Terms Global Rules Microsoft Update Product Updates Install Setup Files Install Rules Azure Extension for SQL Server Feature Selection Feature Rules Instance Configuration Server Configuration Database Engine Configuration Feature Configuration Rules Ready to Install Installation Progress Complete	Server Configuration Data Directories TempDB MaxDOP Memory FILESTREAM When an instance of SQL Server runs on a computer that has nore than one CPU logical core, it detects the best degree of parallelism, that is the number of processors employed to run a single statement, for each parallel plan execution. MAXDOP specifie the maximum number of cores to utilize for this instance. Detected logical CPU cores on this emputer: 16 Maximum degree of parallelism (MaxDOP)*: The displayed default value was either calculated by Setup, or was explicitly specified on the Setup command line with the /SQLMAXDOP parameter. You can modify the MaxDOP here to be used as the default in all query executions for this instance, unless overridden at the query level. To suppress parallel query plan generation, set MaxDOP to 1. See Configure the max degree of parallelism Server Configuration Option for more information.	Zostawiamy wartość domyślną.
	< Back Next > Cancel	

📸 SQL Server 2022 Setup

Database Engine Configuration

Specify Database Engine authentication security mode, administrators, data directories, TempDB, Max degree of parallelism, Memory limits, and Filestream settings.

Edition License Global

W szkole możemy zostawić domyślnie, ponieważ co zajęcia komputery są wyłączane, i serwer z automatu nie startuje. 5 GB musimy zostawić na system Windows, dlatego przykładowo, gdy mamy 12 GB RAM-u, ustawiamy max 5 GB na zapytania.

Edition	Server Configuration	Data Directories	TempDB	MaxDOP Memory	FILESTREAM	
License Terms					1	
Global Rules	SQL Server can chan However in some sc	ge its memory re enarios you can o	quirements of	dynamically based on e more of memory (in	available system n MB) that is managed	esources.
Microsoft Update	the SQL Server Mem	ory Manager for	this instance	, by specifying min se	erver memory and/	or max
Product Updates	server memory.		/			
Install Setup Files		V				
Install Rules		Recom	mended	O Default		
Azure Extension for SQL Server	Min Server Memory (MB): 100		0	1	
Feature Selection	Will Server Weillory (•		
Feature Rules	Max Server Memory	(MB): 23168		2147483647		
Instance Configuration	The displayed recom	mended values w	ere calculated	d by Setup based on you	ur system configurat	tion and
Server Configuration	and /SQLMAXMEMO	Y parameters.	uned in the S	etup commanu ime usi	ig the is QLMINMEN	ion i
Database Engine Configuration						
Feature Configuration Rules	For more information	see: Server Men	nory Server C	Configuration Options		
Ready to Install	Click here to acce	nt the recommen	ded memory	configurations for th	e SOL Server	
Installation Progress	Database Engine	pr are recommen	aca memory	configurations for a	e oue oerrer	
Complete						
				< Back	Next >	Cancel
						.:

📸 SQL Server 2022 Setup × **Database Engine Configuration** Specify Database Engine authentication security mode, administrators, data directories, TempDB, Max degree of parallelism, Memory limits, and Filestream settings. Edition Server Configuration Data Directories TempDB MaxDOP Memory FILESTREAM License Terms Enable FILESTREAM for Transact-SQL access **Global Rules** Microsoft Update Enable FILESTREAM for file I/O access Product Updates Windows share name: MSSQLSERVER Install Setup Files Install Rules Allow remote clients access to FILESTREAM data Azure Extension for SQL Server Feature Selection Feature Rules Instance Configuration Server Configuration **Database Engine Configuration** Feature Configuration Rules Obsługa dużych plików, np. zdjęć, Ready to Install Installation Progress muzyki zostawiamy domyślnie. Complete < Back Next > Cancel

PODSUMOWANIE INSTALACJI

📸 SQL Server 2022 Setup	- 🗆 X		📸 SQL Server 2022 Setup		- 🗆 ×	
SQL Server 2022 Setup Ready to Install Verify the SQL Server 2022 feature Edition License Terms Global Rules Microsoft Updates Install Setup Files Install Setup Files Install Rules Azure Extension for SQL Server Feature Selection Feature Rules Instance Configuration Server Configuration Server Configuration			♥ SQL Server 2022 Setup Complete Your SQL Server 2022 installation Edition License Terms Global Rules Microsoft Update Product Updates Install Setup Files Install Setup Files Instance Configuration Server Configuration	on completed successfully with product updates. Information about the Setup operation or possible next steps: Feature Status Ø Database Engine Services Succeeded Ø SQL Browser Succeeded Ø SQL Writer Succeeded Ø Setup Support Files Succeeded Details: Succeeded		
Database Engine Configuration Feature Configuration Rules Ready to Install Installation Progress Complete	Instance IDS SQL Database Engine: MSSQL 16.MSSQL SERVER Instance Directory: C\Program Files\Microsoft SQL Server\ Shared feature (WOW/64) directory: C\Program Files\Microsoft SQL Server\ Shared feature (WOW/64) directory: C\Program Files\Microsoft SQL Server\ Update Enabled: True Update Enabled: True Update Source: MU Instance configuration Configuration file path: C(Program Files\Microsoft SQL Server\160\Setup Bootstrap\Log\20230917_210154\ConfigurationFile.ini	-	Database Engine Configuration Feature Configuration Rules Ready to Install Installation Progress Complete	Install successful. Summary log file has been saved to the following location: <u>C:\Program File;\Microsoft SQL Server\160\Setup Bootstrap\Log\202309</u>	17 210154\Summary Close	Po instalacji warto jest zrestartować komputer.

URUCHAMIANIE SERWERA – I SPOSÓB



SQL Server 2022 Configuration Manager

App

Klikamy 2 razy na serwer, po czym klikamy przycisk Start.



URUCHAMIANIE SERWERA - II SPOSÓB (USŁUGI)

Services						
File Action View	Help					
	🗟 🔂 📷 🕨 🔲 🔢 🕨					
🔍 Services (Local)	Services (Local)					
	SQL Server (MSSQLSERVER)	Name	Description	Status	Startup Type	Log On As
		Software Protection	Enables the		Automatic (Network S
	Stop the service	🎇 Spatial Data Service	This service		Manual	Local Service
	Restart the service	🖏 Spot Verifier	Verifies pote		Manual (Trig	Local Syste
		SQL Server (MSSQLSERVER)	Provides sto	Running	Manual	NT Service
	Description	SQL Server Agent (MSSQLS	Executes jo		Manual	NT Service
	Provides storage processing and	SQL Server Browser	Provides SQ		Disabled	Local Service
	controlled access of data, and rapid	SQL Server CEIP service (MS	CEIP service	Running	Automatic (NT Service
	transaction processing.	SQL Server VSS Writer	Provides th	Running	Automatic	Local Syste
		464				

USTAWIENIA SERWERA - JEŚLI CHCEMY UDOSTĘPNIAĆ USŁUGI SERWERA NA ZEWNĄTRZ

Sql Server Configuration Manager File Action View Help		
 SQL Server Configuration Manager (Local) SQL Server Services SQL Server Network Configuration (32bit) SQL Native Client 11.0 Configuration (32bit) Azure Extension For SQL Server SQL Server Network Configuration Protocols for MSSQLSERVER SQL Native Client 11.0 Configuration Azure Extension For SQL Server 	Protocol Name Shared Memory Named Pipes TCP/IP	Status Enabled Enabled Enabled

POBIERANIE I INSTALACJA MANAGEMENT STUDIO

Management Studio to narzędzie do zarządzania bazą danych. Można je zainstalować korzystając z wcześniej otwartej strony z instalacją serwera (zjeżdżając na dół strony).

Tools

Download Azure Data Studio Download SQL Server Management Studio (SSMS) Download SQL Server Data Tools (SSDT) Download Data Migration Assistant Download SQL Server Migration Assistant for Oracle

SQL Server tools and connectors

Connectors

Microsoft ADO.NET for SQL Server Microsoft JDBC Driver for SQL Server Microsoft ODBC Driver for SQL Server Node.js Driver for SQL Server Python Driver for SQL Server Ruby Driver for SQL Server

POBIERANIE I INSTALACJA MANAGEMENT STUDIO



Microsoft SQL Server Management Studio with Azure Data Studio

Change

Welcome. Click "Install" to begin.

Location:

RELEASE 19.1

C:\Program Files (x86)\Microsoft SQL Server Management Studio 19

By clicking the "Install" button, I acknowledge that I accept the <u>Privacy Statement</u> and the License Terms for <u>SQL Server Management Studio</u> and <u>Azure Data Studio</u>

SQL Server Management Studio transmits information about your installation experience, as well as other usage and performance data, to Microsoft to help improve the product. To learn more about data processing and privacy controls, and to turn off the collection of this information after installation, see the <u>documentation</u>



INSTALACJA CUMULATIVE UPDATE

sql 2022 cumulative update	×	٩
Download Videos News Images Books Maps Flights	Finance	
About 502,000 results (0.27 seconds)		
Microsoft https://www.microsoft.com > download > details		
Microsoft® SQL Server® 2022 Latest Cumulative Update		
4 days ago — The latest Cumulative Update (CU) download is the most recent CU re	leased for	
SQL Server 2022 and contains all updates released since the		

Zawsze instalujemy najnowszy cumulative update. W przypadku, gdy jest nowy service pack, to najpierw instalujemy nowy service pack, a następnie najnowszy cumulative update.

INSTALACJA CUMULATIVE UPDATE	
Microsoft [®] SQL Server [®] 2022 Latest Cumulative Update Cumulative Update Package 8 for SQL Server 2022 - KB5029666	
Important! Selecting a language below will dynamically change the complete page content to that language. Select language English ✓ Download	
Expand all <u>Collapse all</u>	

INSTALACJA CUMULATIVE UPDATE

🔀 SQLServer2022-KB5029666-x64.exe

17.09.2023 23:14 Application 409 313 KB

Akceptujemy umowę licencyjną i przeklikujemy kolejne okienka.

Ready to update SQL Server 2022 update License Terms Select Features Check Files In Use Ready to update Update Progress Complete			×
SQL Server 2022 update Ready to update: License Terms Summary Select Features - Action: Patch Check Files In Use General Configuration Wpdate Progress - Database Engine Services Complete - Attributes - Edition: Developer - Patch Level: 16.0.1000.6 - Processor Type: x64 - Service Pack: - Language: - Edition: - Processor Type: x64 - Service Pack: - Upgrade Status: Not installed. - Processor Type: x64 - Service Pack: - Upgrade Status: Not installed.			
Configuration file path:	Ipdate	Cancel	

URUCHAMIANIE MANAGEMENT STUDIO

😵 Microsoft SQI, Server Management Studio		Quick Launch (Ctrl+Q)
File Edit View Tools Window Help		And a second secon
0-0 2-1-10 日 · New Query 鳥 日 日 日 10- マ・マ・	8 · / · · · · · · · · · · · · · · · · ·	
[4 개] ·] > Electric III 시 25 등 [12 25 월] 정확 인]	13 H 14 M	
Object Explorer + V ×		Pr
country 1 1 - 1 0 -		
		30
	B Connect to Server X	
	COL Conver	
	SQL Server	
	Server type: Database Engine V	
	Server name: KOMP-4 v	
	Authentication: SQL Server Authentication ~	
	Passaurt	
	Remember password	
	Connect Cancel Help Options >>	
Ready		

Przed łączeniem się do serwera należy go włączyć.

USTAWIENIA MANAGEMENT STUDIO

Ustawienia serwera (prawy klawisz myszy) → właściwości → ustawiamy kompresowanie backupów

UWAGA! Jeśli dokonujemy jakichkolwiek zmian na serwerze w Management Studio to zmiany zostaną zapisane dopiero po restarcie serwera.



RESTORE BAZY NORTHWIND

🔀 Restore Database - Northwind									×
🚺 Ready									
Select a page	🗊 Script 🔹 😮 Help								
General Files Options	Source O Database:								
	Device:	D:\sql\UserDb	Backup\northv	vind2012	2.bak) [
	Database:	Northwind							~
	Destination								_
	Database:	Northwind							7
	Restore to:	The last backup	p taken (piątek	, 11 paź	dziemika 2013 12:19	:11)	7	Timeline	
	Restore plan								
	Backup sets to restore:								
	Restore Name		Component	Туре	Server	Database	Position	First LSN	٦
	Northwind-Fu	II Database Backup	Database	Full	RMT\RMT2012	Northwind	1	52000000	33
Connection									
٧Ÿ									
View connection properties									
Progress			_						>
Ø Done							Verify	Backup Media	
						Ж	Cancel	Help	
									-

Ze strony przedmiotowej pobieramy bazę Northwind, a następnie klikamy na serwerze prawy klawisz myszy i wybieramy Restore. Starą wersję Northwind na nowym serwerze otworzymy - odwrotnie nie.

TWORZENIE PIERWSZEGO ZAPYTANIA

File Edit View Query Project Too	ls Window Help
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🔅 🛱 🙀 Northwind 🛛 🥕 🕨	Execute 🗸 🛠 🗇 🔛 😵 😰 🗐 📾 🗗 🗦 🧏
Object Explorer 🚽 🕂 🗸	SQLQuery1.sql 😕 😕 🔀
Connect - 🛱 🎽 🗏 🍸 🖒 🔸	□select * from Customers;
🖃 🐻 (SQL Server 16.0.4	
🖃 📕 Databases	<pre>select * from Products;</pre>
🕀 📁 System Databyses	- Trie Nazvicke
Database Snapshots	LIMIE NAZWISKO
Northwind	
🗄 🔜 Security	
Exercise Performance Exercise	
Replication Always On High Availability	
Management	
Integration Services Catalogs	
SQL Server Agent (Agent XPs disabl	
+ 🕑 XEvent Profiler	

ZSE - SYSTEMY BAZ DANYCH