Instalarea SQL Server

În funcție de tipul de procesor și windows pe care îl aveți (32 sau 64 biți), vă descărcați o versiune de SQL Server Express (versiune gratuită) de la adresa de mai jos:

http://www.hanselman.com/blog/DownloadSQLServerExpress.aspx

Se poate descărca oricare versiune (2008, 2012, 2014). Toate versiunile includ SQL Management Studio, interfața grafică de care avem nevoie la laboratoare.

Spre exemplu, pentru 32 de biți și pentru vers. 2014, dați clic pe link, așa cum se vede în imaginea de mai jos.

DOWNLOAD SQL SERVER 2014 EXPRESS

 You likely just want SQL Server 2014 Express with Tools. This download includes SQL Management Studio.



- Here's just SQL Server 2014 Management Studio
 - SQL Management Studio x64
 - SQL Management Studio x86
- SQL Server 2014 Express with Advanced Services
 - Advanced Services x64
 - Advanced Services x86

După descărcarea fișierului, care e o arhivă exe, dați dublu clic și va începe dezarhivarea, apoi instalarea. La primul pas, clic pe link-ul de sus; "New SQL Server stand-alone installation....", ca în imagine.

1	SQL Server Installation Center – 🗖 🗙
Planning Installation	New SQL Server stand-alone installation or add features to an existing installation Launch a wizard to install SQL Server 2014 in a non-clustered environment or to add features to an existing SQL Server 2011 installation
Maintenance	Upgrade from SQL Server 2005, SQL Server 2008, SQL Server 2008 R2 or SQL Server 2012
Tools Resources	Launch a wizard to upgrade SQL Server 2005, SQL Server 2008, SQL Server 2008 R2 or SQL Server 2012 to SQL Server 2014.
Options	

În fereastra nouă bifați că accepatți termenii licenței (prima bifă), eventual, dacă doriți, și a doua bifă, așa cum se vede mai jos, apoi clic pe "Next". Bineînțeles, după ce citiți licența din textbox.



Dacă aveți suficient spațiu (pese 3 Gb pentru 2014) e indicat să bifați toate caracteristicile (features). Apoi, Next.

1	SQL Serv	er 2014 Setup	- • ×	
Feature Selection Select the Express features to i	nstall.			
License Terms Global Rules Product Updates Install Setup Files Install Rules Feature Selection Feature Rules Instance Configuration Server Configuration Database Engine Configuration Feature Configuration Rules Installation Progress Complete	Features:		Feature description:	
	Instance Features Database Engine Services SQL Server Replication Shared Features Client Tools Connectivity Client Tools Backwards Compatibility Client Tools SDK Management Tools - Basic Management Tools - Complete SQL Client Connectivity SDK LocalDB Redistributable Features		Feature description: The configuration and operation of each instance feature of a SQL Server instance is isolated from other SQL Server instances. SQL server instances can operate side-by-side on Prerequisites for selected features: Already installed: Windows PowerShell 2.0 Microsoft .NET Framework 3.5 Disk Space Requirements Drive C: 2716 MB required, 376700 MB available	
	Select All Unselect All]		
	Instance root directory: C:\Program Files\N Shared feature directory: C:\Program Files\N Shared feature directory (x86): C:\Program Files (x		Microsoft SQL Server\	
			\Microsoft SQL Server\	
			x86)\Microsoft SQL Server\	
		< Back	Next > Cancel Help	

La configurarea instanței putetți lăsa totul implicit și doar dați Next.

Specify the name and instance	ID for the instance of S	QL Server. Instance I	D becomes part of th	e installation path.	
License Terms Global Rules Product Updates Install Setup Files Install Rules Feature Selection Feature Rules Instance Configuration Server Configuration Database Engine Configuration Feature Configuration Rules Installation Progress Complete	 Default instance Named instance: Instance ID: SQL Server directory: 	SQLExpress SQLEXPRESS C:\Program Files\N	licrosoft SQL Server\1	MSSQL12.SQLEXPRESS	
	Installed instances:	Instance ID	Features	Edition	Version
			< Back	Next > Cancel	Help

Server Configuration Specify the service accounts an License Terms Global Rules	d collation configuration.			
Product Updates Install Setup Files Install Rules	Service SQL Server Database Engine	Account Name NT Service\MSSQL\$SQLEXPRESS	Password	Startup Type Automatic V
Feature Selection Feature Rules Instance Configuration Server Configuration Database Engine Configuration Feature Configuration Rules Installation Progress Complete	SQL Server Browser	NT AUTHORITY\LOCAL SERVICE		Automatic V
		< Back	Next > C	ancel Help

Next și în această fereastră de configurare a serverului.

Aici puteți lăsa autentificarea windows.

1	SQL Server 2014 Setup	
Database Engine Confi Specify Database Engine auther	guration ntication security mode, administrators and data directories.	
License Terms Global Rules Product Updates Install Setup Files Install Rules Feature Selection Feature Rules Instance Configuration Server Configuration Database Engine Configuration Feature Configuration Rules Installation Progress Complete	Server Configuration Data Directories User Instances FILESTREAM Specify the authentication mode and administrators for the Database Engine. Authentication Mode Windows authentication mode Mixed Mode (SQL Server authentication and Windows authentication) Specify the password for the SQL Server system administrator (sa) account. Enter password: Confirm password: Specify SQL Server administrators LenovoViohn (John) Add Current User Add Remove	SQL Server administrators have unrestricted access to the Database Engine.
	< Back	Next > Cancel Help

Ioan Sima

În label-ul Data Directories, vedem folderele în care SQL Server își stochează diferite tipuri de date. Pentru noi, important e să reținem User database directory, locația în care vom găsi fișierele bază de date pe care le vom creea. E indicat să nu schimbăm nimic aici.

🔞 Server Configuration D	ata Directories User Instances FILESTREAM	
Data root directory:	C:\Program Files\Microsoft SQL Server\	
System database directory:	C:\Program Files\Microsoft SQL Server\MSSQL12.SQLEXPRESS\MSSQL\Data	
User database directory:	C:\Program Files\Microsoft SQL Server\MSSQL12.SQLEXPRESS\MSSQL\Data	
User database log directory	r: C:\Program Files\Microsoft SQL Server\MSSQL12.SQLEXPRESS\MSSQL\Data	
Temp DB directory:	C:\Program Files\Microsoft SQL Server\MSSQL12.SQLEXPRESS\MSSQL\Data	
Temp DB log directory:	C:\Program Files\Microsoft SQL Server\MSSQL12.SQLEXPRESS\MSSQL\Data	
Backup directory:	C:\Program Files\Microsoft SQL Server\MSSQL12.SQLEXPRESS\MSSQL\Backup	

Dăm clic pe Next și începe instalarea propriu-zisă, care poate dura ceva timp. La final va apărea fereastra de mai jos. Verificăm instalarea fiecărei caracteristici care ar trebui să fie încheiată cu success așa cum se vede în imagine. Clic pe Close și am terminat instalarea.

Complete Your SQL Server 2014 installati	on completed successfully with product updates.			
License Terms Global Rules Product Updates Install Setup Files Install Rules Feature Selection Feature Rules Instance Configuration	Information about the Setup operation or possible next Feature Management Tools - Complete Client Tools Connectivity Client Tools SDK Client Tools Backwards Compatibility Management Tools - Basic Database Engine Services	steps: Status Succeeded Succeeded Succeeded Succeeded Succeeded Succeeded Succeeded	~	
Server Configuration Database Engine Configuration Feature Configuration Rules Installation Progress Complete	Details: Viewing Product Documentation for SQL Server Only the components that you use to view and manage the documentation for SQL Server have been installed. By default, the Help Viewer component uses the online library. After installing SQL Server, you can use the Help Library Manager component to download documentation to your local computer. For more information, see Use Microsoft Books Online for SQL Server (<htp: ?linkid="299578" fwlink="" go.microsoft.com="">). Microsoft Update v Summary log file has been saved to the following location: C:\Program Files\Microsoft SQL Server\120\Setup Bootstrap\Log\20151003 194210\Summary Lenovo 20151003 194210.txt</htp:>			
		Close Hel	p	

Pentru cei care vor să își instaleze SQL SERVER 2014, versiunea Enterprise (care nu e gratuită) găsiți un tutorial la adresa:

http://social.technet.microsoft.com/wiki/contents/articles/23878.installing-sql-server-2014-stepby-step-tutorial.aspx

Spor la munca!

Ioan Sima.