

Подключение к экземпляру SQL Server

Microsoft SQL Server 2005

Microsoft Windows Server System

Server type: Database Engine

Server name: bsrv12

Authentication: Windows Authentication

User name: SIRIUS\Администратор

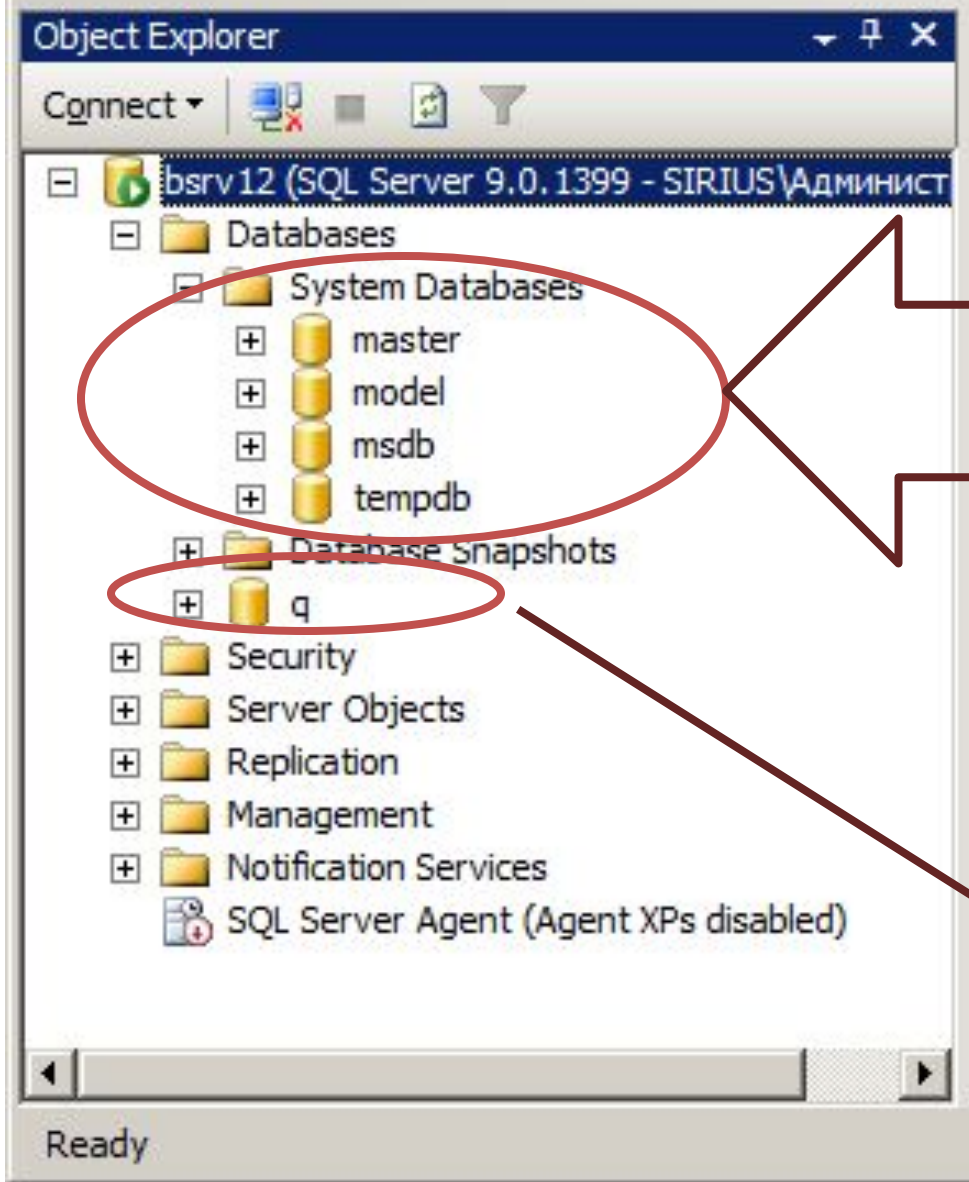
Password:

Remember password

Connect Cancel Help Options >>

Список служебных и пользовательских

БД



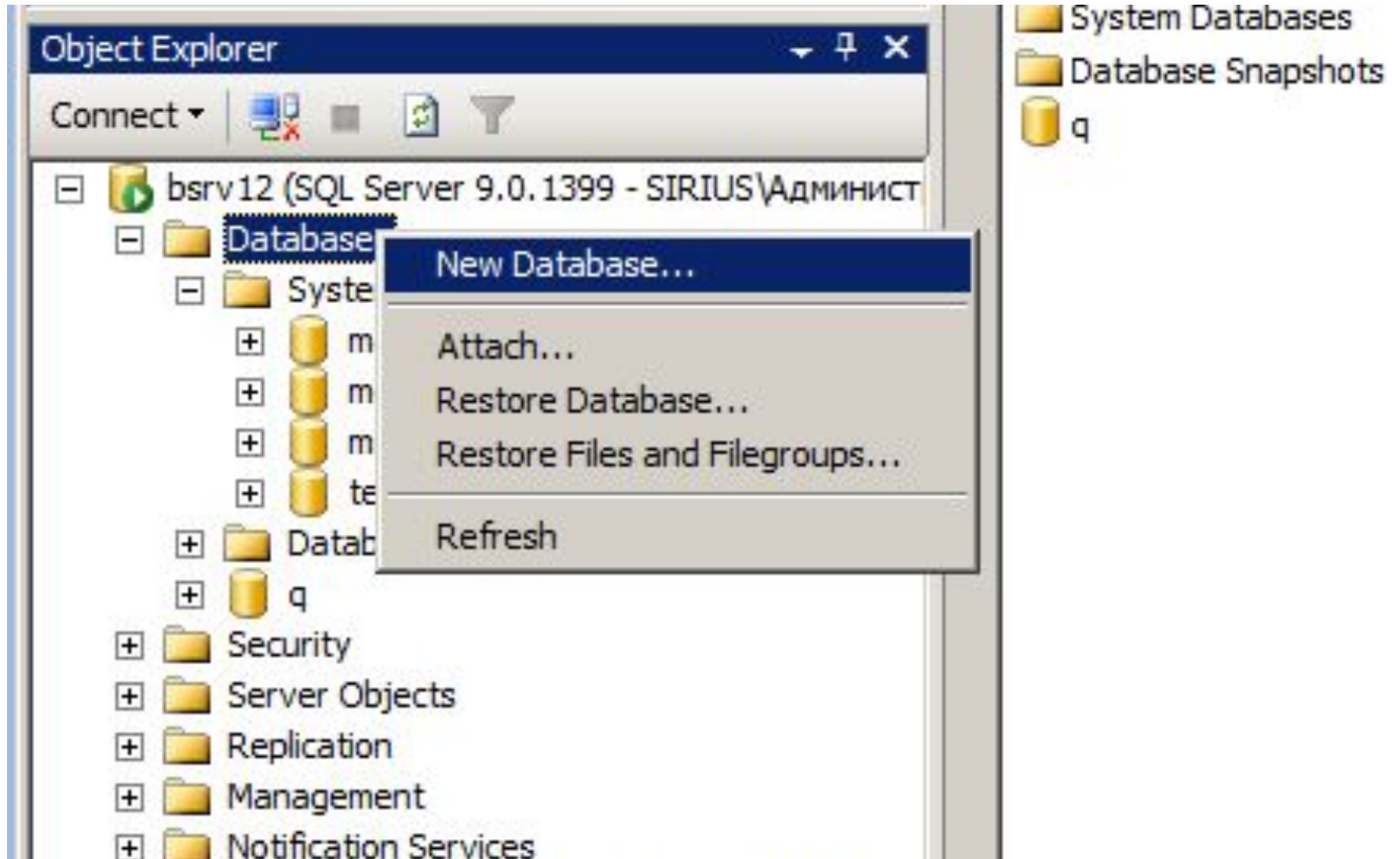
Служебные

БД:

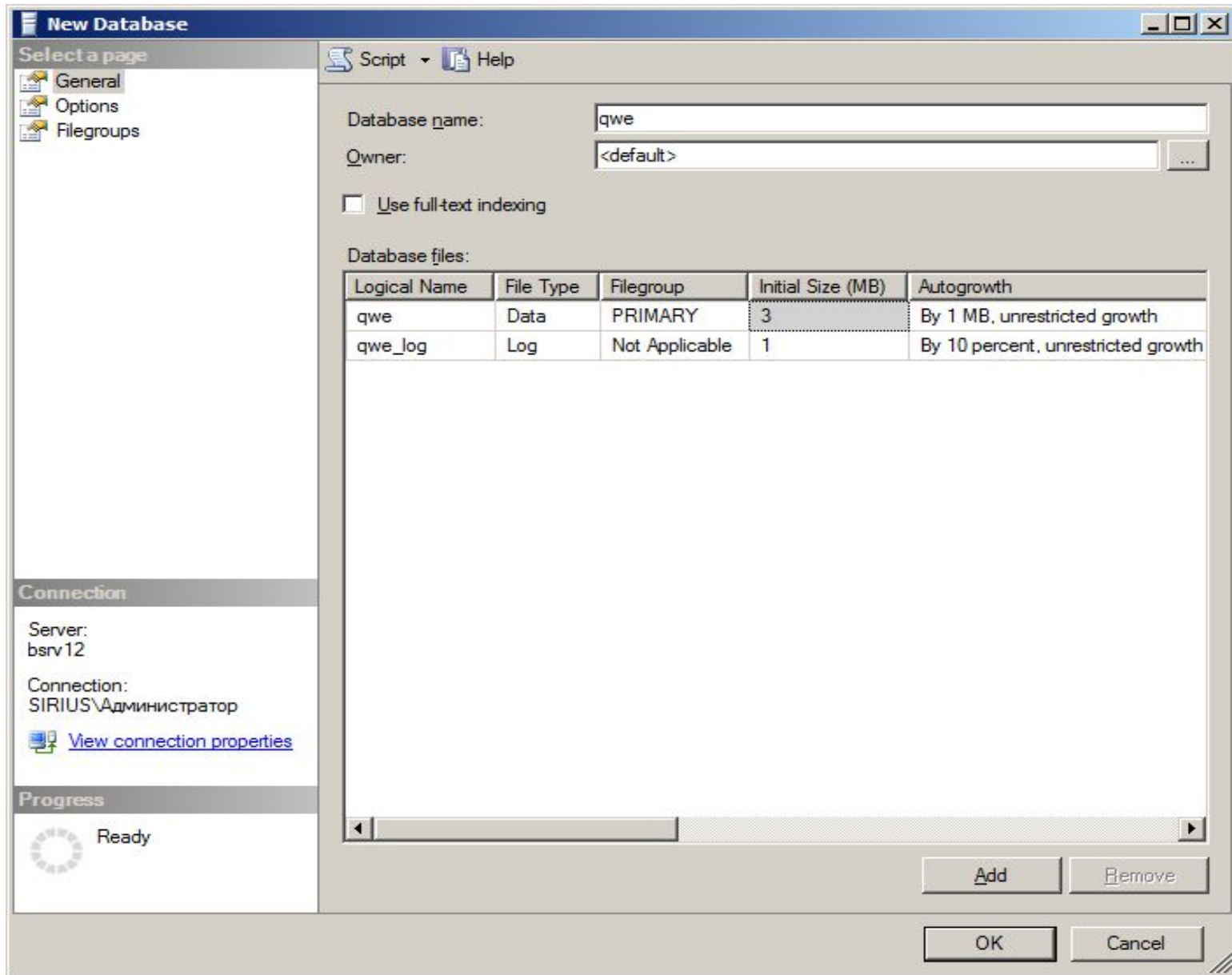
- Master
- Model
- Msdb
- Tempdb

Пользова- тельские БД:

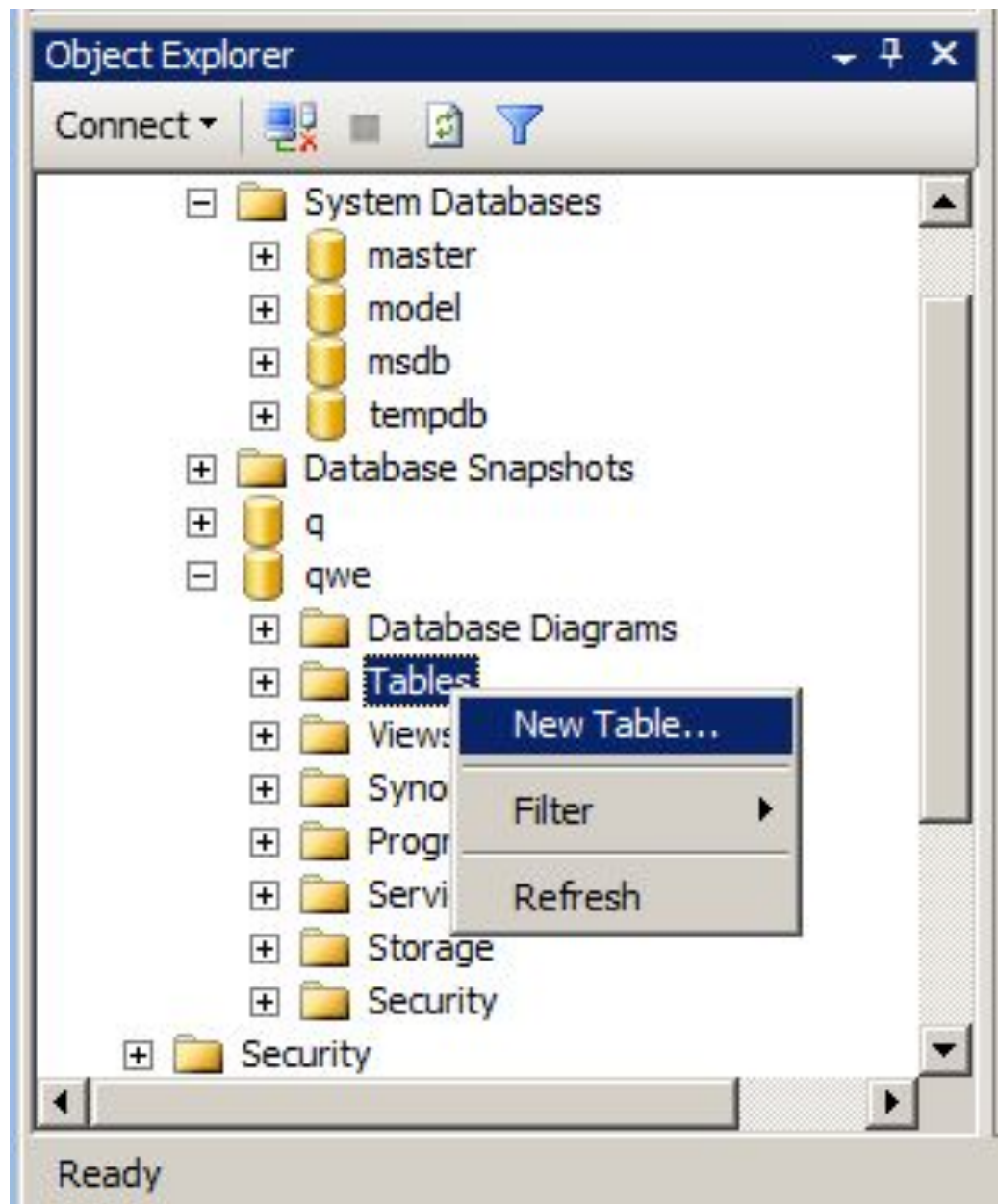
Создание пользовательской БД



Создание пользовательской БД



Создание таблицы в БД



Создание таблицы в БД

The screenshot displays the SQL Server Enterprise Manager interface during the creation of a table named 'Table_1' in the 'dbo' schema. The main window is titled 'Table - dbo.Table_1*' and shows a 'Summary' tab with a table definition:

Column Name	Data Type	Allow Nulls
Kod	int	<input type="checkbox"/>
Naim	varchar(50)	<input checked="" type="checkbox"/>

The 'Data Type' dropdown for 'Naim' is open, showing options: bigint, binary(50), bit, char(10), datetime, decimal(18, 0), float, and image.

Below the table definition is the 'Column Properties' section, which includes a table of properties:

Property	Value
DTS-published	No
Full-text Specification	No
Has Non-SQL Server Subscri	No
Identity Specification	No
(Is Identity)	No
Identity Increment	
Identity Seed	

The 'Properties' window on the right shows the table's configuration:

- [Tbl] dbo.Table_1**
- (Identity)**
 - (Name): Table_1
 - Database Name: qwe
 - Description:
 - Schema: dbo
 - Server Name: bsr12
- Table Designer**
 - Identity Column: Kod
 - Indexable: Yes
- Regular Data Space** PRIMARY
 - Replicated: No
 - Row GUID Column:
 - Text/Image Filegroup: PRIMARY

At the bottom of the Properties window, there is an '(Identity)' section which is currently empty.

The bottom status bar shows 'Template Explorer' and 'Properties' tabs.

Создание первичного ключа

The screenshot illustrates the steps to create a primary key in SQL Server. The main window shows a table with columns 'Kod' and 'Naim'. A context menu is open over the 'Kod' column, with 'Set Primary Key' selected. The 'Properties' window on the right shows the table's identity specification, with 'Kod' as the identity column and 'PRIMARY' as the regular data space. The 'Column Properties' window at the bottom shows the 'Identity Specification' for the 'Kod' column, with 'Identity Specification' set to 'Yes' and 'Identity Increment' set to '1'.

Column Name	Data Type	Allow Nulls
Kod		
Naim		

Column Properties

DTS-published	No
Full-text Specification	No
Has Non-SQL Server Subscri	No
Identity Specification	Yes
(Is Identity)	Yes
Identity Increment	1
Identity Seed	1

(Is Identity)

Properties

[Tbl] dbo.Table_1

(Name)	Table_1
Database Name	qwe
Description	
Schema	dbo
Server Name	bsrv12

Table Designer

Identity Column	Kod
Indexable	Yes
Regular Data Space	PRIMARY
Replicated	No
Row GUID Column	
Text/Image Filegrou	PRIMARY

(Identity)

Template Explorer Properties

Создание ограничения на значение столбца

The screenshot displays the SQL Server Enterprise Manager interface. The main window shows a table named 'Table_1' with columns 'Kod', 'Naim', and 'Sklad'. The 'Sklad' column is selected, and a context menu is open over it, with 'Check Constraints...' highlighted. The 'Properties' window on the right shows the table's properties, including the 'Designer' tab. The 'Column Properties' window at the bottom left shows the 'Identity Specification' for the 'Sklad' column.

Column Name	Data Type	Allow Nulls
Kod	int	<input type="checkbox"/>
Naim	varchar(50)	<input checked="" type="checkbox"/>
Sklad	int	<input type="checkbox"/>

Context Menu Options:

- Set Primary Key
- Insert Column
- Delete Column
- Relationships...
- Indexes/Keys...
- Fulltext Index...
- XML Indexes...
- Check Constraints...
- Generate Change Script...

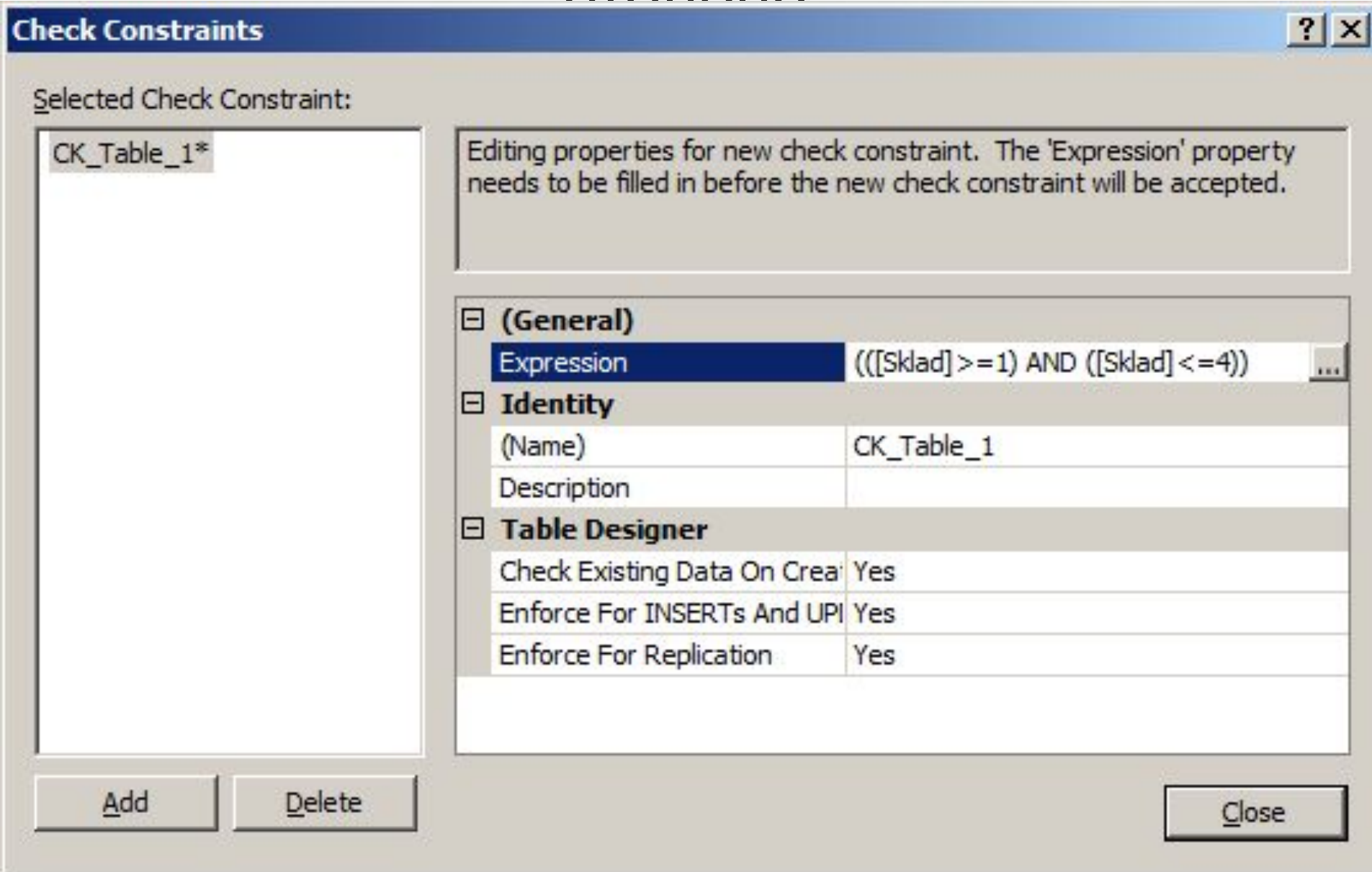
Table Properties (Designer Tab):

Property	Value
Table Name	Table_1
Base Name	qwe
Description	
Schema Name	dbo
Server Name	bsrv12
Primary Column	Kod
Table	Yes
Primary Data Space	PRIMARY
Created	No
GUID Column	
Image Filegroup	PRIMARY

Column Properties (Sklad):

DTS-published	No
Full-text Specification	No
Has Non-SQL Server Subscri	No
Identity Specification	No
(Is Identity)	No
Identity Increment	
Identity Seed	

Создание ограничения на значение столбца



Модификация структуры таблицы

The screenshot displays the SQL Server Enterprise Manager interface. The main window shows a table named 'Table - dbo.Table_1*' with columns: 'Kod' (int, primary key, not null), 'Naim' (varchar(50), not null), and 'Sklad' (int, null). A context menu is open over the 'Sklad' column, with 'Delete Column' selected. Below the table grid is the 'Column Properties' window, which is currently empty. To the right, the 'Properties' window shows details for '[Tbl] dbo.Table_1', including its identity column 'Kod' and table designations.

Column Name	Data Type	Allow Nulls
Kod	int	<input type="checkbox"/>
Naim	varchar(50)	<input checked="" type="checkbox"/>
Sklad	int	<input type="checkbox"/>

Column Properties

DTS-published	
Full-text Specification	No
Has Non-SQL Server Subscri	No
Identity Specification (Is Identity)	No
Identity Increment	
Identity Seed	

(Is Identity)

Properties

[Tbl] dbo.Table_1

(Name)	Table_1
Database Name	qwe
Description	
Schema	dbo
Server Name	bsrv12

(Identity)

Identity Column	Kod
Indexable	Yes

Table Designer

Regular Data Space	PRIMARY
Replicated	No
Row GUID Column	
Text/Image Filegro	PRIMARY

(Identity)

Template Explorer Properties