

SYSTEM TABLES

- master -
- syslogins (sysxlogins)
- sysmessages
- sysdatabases
- all -
- sysusers
- sysobjects
- syslogins (users)
- sysprotects (rights)
- msdb -
- sysalerts

SYSTEM DATABASE

- sql server-
- master
- model
- tempdb
- agent -
- msdb
- distribution

METADATA Fx

DB_ID [name]
 USER_NAME [id]
 COL_LENGTH [column]
 STATS_DATE [index]
 DATALENGTH [dtype]

VARIABLES

@@connections
 @@error,
 @@spid @@procid

STORED PROCEDURE

sp_help [object]
 sp_helpdb [database]
 sp_helpindex [index]
 sp_dboption [db, option_name, value]
 sp_spaceused [objname]
 sp_addumpdevice [disk, name, path]
 sp_who sp_lock sp_spaceused
 sp_monitor sp_statistics sp_configure

RebuildM.exe

sp_changeuserlogin
 mssqlserver -c -m
 sp_attach_db
 sp_attach_single_file_db

SERVER ROLES

sysadmin
 dbcreator
 diskadmin
 processadmin
 serveradmin
 setupadmin
 securityadmin
 bulkadmin

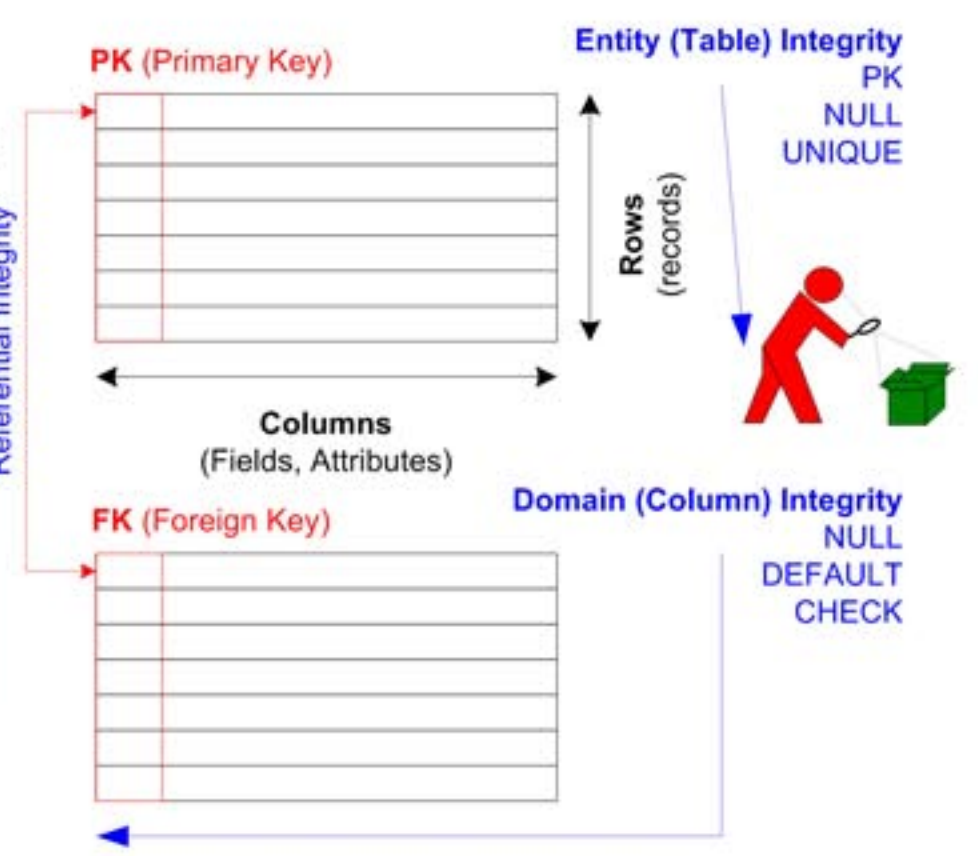
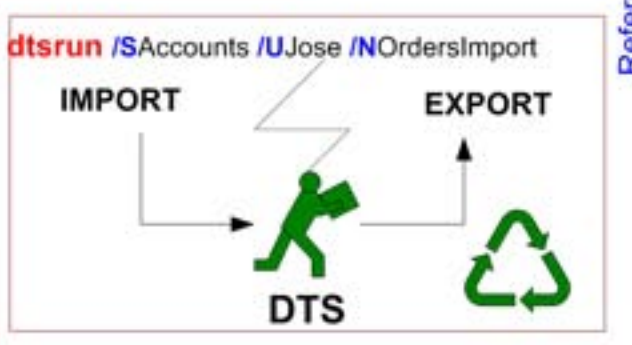
DATABASE ROLES

public
 db_owner
 db_accessadmin
 db_ddladmin
 db_securityadmin
 db_backupoperator
 db_datareader
 db_datawriter
 db_denydatareader
 db_denydatawriter

SCHEMA VIEWs

INFORMATION_SCHEMA.TABLES
 INFORMATION_SCHEMA.COLUMNS
 INFORMATION_SCHEMA.TABLE_PRIVILEDGES

Mode	Truncate Log	SELECT INTO
FULL	No	Yes
BULK LOGGED	No	Yes
SIMPLE	Yes	Yes

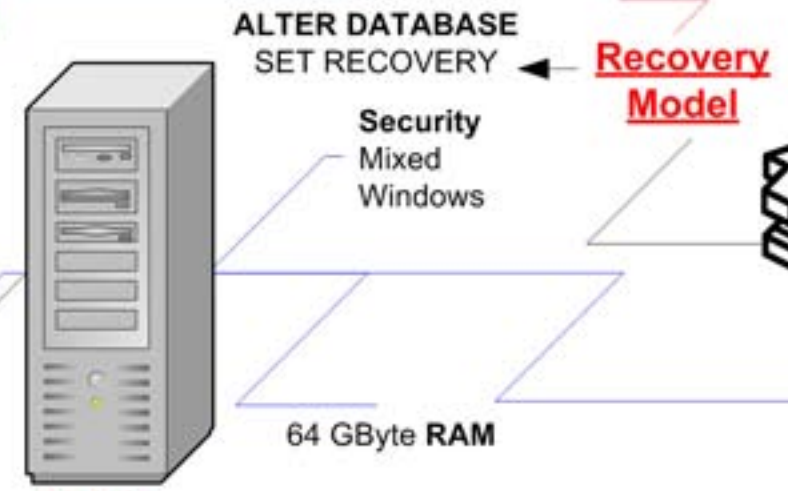


UPGRADE

SQL6.5
 Install S2K Instance
 Migrate Data

SQL 7
 Straight upgrade

Upgrade to 7.0 first



Backup includes DB changes up to point of completion.

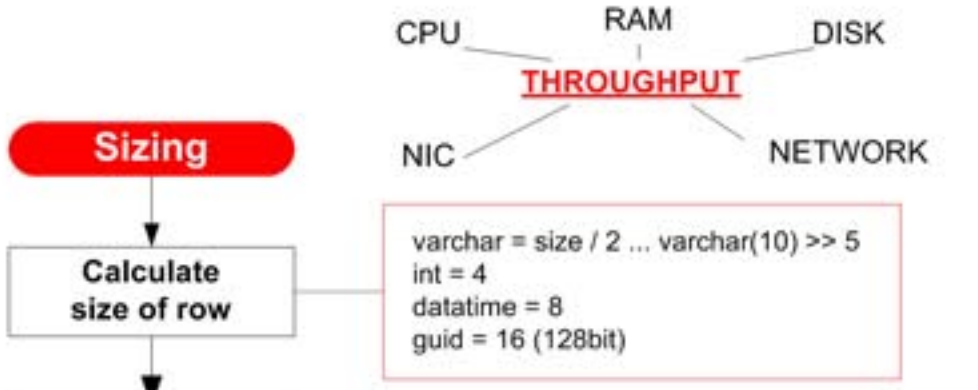
Cannot run CHECKPOINT during backup

Run backup in low peak times

Backup Types

Database complete complete complete
 Database differential complete changes
 Transaction Log T-SQL > NO_TRUNCATE
 File and Filegroup large DBMS

16 instances of SQL per system



REPLICATION SQL2K

Snapshot Agent
 Distribution Agent (snap/tx->sub)
 Log Reader Agent (tx->dist)
 Merge Agent
 Queue Reader Agent (q->subs)

SQL Server edition or component	Operating system requirement
Enterprise Edition	Microsoft Windows NT Server 4.0, Microsoft Windows NT Server Enterprise Edition 4.0, Windows 2000 Server, Windows 2000 Advanced Server, and Windows 2000 Data Center Server. Note that Microsoft Windows 2000 Server (any version) is required for some SQL Server 2000 features.
Standard Edition	Microsoft Windows NT Server 4.0, Windows 2000 Server, Microsoft Windows NT Server Enterprise Edition, Windows 2000 Advanced Server, and Windows 2000 Data Center Server.
Personal Edition	Microsoft Windows Me, Windows 98, Windows NT Workstation 4.0, Windows 2000 Professional, Microsoft Windows NT Server 4.0, Windows 2000 Server, and all the more advanced Windows operating systems.
Developer Edition	Microsoft Windows NT Workstation 4.0, Windows 2000 Professional, and all other Windows NT and Windows 2000 operating systems.
Client Tools Only	Microsoft Windows NT 4.0, Windows 2000 (all versions), Windows Me, and Windows 98.
Connectivity Only	Microsoft Windows NT 4.0, Windows 2000 (all versions), Windows Me, Windows 98, and Windows 95.

