**SQL Server System Databases**

Each time you install any SQL Server Edition on a server; there are four primary system databases, each of which must be present for the server to operate effectively.

**Master**

* file locations of the user databases
* login accounts
* server configuration settings
* linked servers information
* startup stored procedures

**Model**

* A template database that is copied into a new database
* Options set in model will be applied to new databases
* Used to create tempdb every time the server starts

**Msdb**

* Support SQL Server Agent
* SQL Server Management Studio
* Database Mail
* Service Broker
* History and metadata information is available in msdb
* [Backup and restore history](http://msdn.microsoft.com/en-us/library/ms188653.aspx) for the databases
* [History for SQL agent jobs](http://msdn.microsoft.com/en-us/library/ms181046.aspx)

**Tempdb**

* The [tempdb](http://msdn.microsoft.com/en-us/library/ms190768.aspx) is a shared resource used by SQL Server all users
* Tempdb is used for temporary objects, worktables, online index operations, cursors, table variables, and the snapshot isolation version store, among other things
* It is recreated every time that the server is restarted
* As tempdb is non-permanent storage, backups and restores are not allowed for this database.

**Reporting Services Databases**

* ReportServer - available if you have installed Reporting Services
* ReportServerTempDB - available if you have installed Reporting Services

**Replication System Database**

* Distribution - available when you configure Replication

**Resource Database**

* Read-only hidden database that contains all the system information
* Can't back up the Resource database
* Must copy paste the file
* C:\Program Files\Microsoft SQL Server\MSSQL11.MSSQLSERVER\MSSQL\Binn