

Tivoli Storage Manager Backup Coverage Levels *Registration Coversheet*

Background:

Tivoli Storage Manager (TSM) backup retention policies are defined by four parameters for incremental backups. The following chart illustrates this concept and identifies the four parameters:

Policy Parameters to Define Coverage Levels

	<u>Number of Changed Versions:</u>	<u>Days to Retain Extra Versions:</u>
If File Exists	Specifies the maximum number of allowable backup versions of a file	Specifies how many days TSM retains inactive backup versions if the file is still on the host system
If File is Deleted	Specifies the maximum number of versions to retain after file has been deleted	Specifies how many days TSM retains the last remaining version of a deleted file

*TSM marks versions of a file as inactive once a new "active" version is backed up or once the file is deleted, in which case all versions of that file become inactive. If the file exists on the host and it is not excluded from backups, there will always be an active version on TSM.

The management classes (as they are known in TSM) in this document define each of these four parameters. The intent is to provide users with comprehensive backup coverage that should be sufficient for most systems. All systems will have a default level. Users will have the option to override the default coverage level and designate other available levels for their systems.

Available Management Classes:

Groups and Levels	If File Exists		If File Is Deleted	
	Number of Changed Versions	Days to Retain Extra Versions	Number of Changed Versions	Days to Retain Last Version
System Files				
Min	2	180	2	60
Low	7	180	7	90
Mid	30	30	15	120
Hi	60	60	30	180
MS-SQL Database Files				
Low	3	7	3	120
Hi	7	15	3	180

The undersigned acknowledges the specified policies and is accountable for selecting the appropriate default management class for each node.

X _____ Date: _____