

Additional data protection and recovery tools

In addition to using built-in features, enterprises often use the following tools to protect and recover data.

- **Site versioning** Site versioning is using a Microsoft SQL Server 2005 database snapshot to capture the current look and feel of a site. A database snapshot is not a backup. Moreover, a site that you have returned to a previous version by using a database snapshot is read-only and will not function without the current live database.
- **Protecting sites from deletion** You can write code or use a tool to detect the Web Delete event that is generated when a site is deleted, and then, at that point, back up the site by using the Stsadm export option. Detecting Web Delete events essentially creates a site-level recycle bin.
- **Other Microsoft backup and recovery tools** You can use SQL Server backup and recovery tools to protect and recover your databases. You can use Microsoft System Center Data Protection Manager to protect farms, databases, Web applications, site collections, sites and documents For more information, see [Plan for backup and recovery \(Windows SharePoint Services\)](#)
- **Third-party backup and recovery tools** Windows SharePoint Services 3.0 can be protected by many third-party backup and recovery tools built on technologies supported by Microsoft, such as the Volume Shadow Copy Service (VSS). To find third-party solutions built by Microsoft partners, visit [Solution Finder](http://go.microsoft.com/fwlink/?LinkId=102834&clcid=0x409) (<http://go.microsoft.com/fwlink/?LinkId=102834&clcid=0x409>) and search for the following parameters:
 - Solution type = Software Offering
 - Product category = Microsoft Windows
 - Product = Windows SharePoint Services 3.0
 - Keywords: SharePoint, backup, restore, disaster recovery