Creating a Server (Web and Database) Backup Solution

to Support Your Reliable Business's Operations

Websites and databases are becoming more and more increasingly important to businesses especially when a company's business depends heavily on software. If data does not back up correctly, your company may experience loss, and an interruptions your operations. You can install both the website and database in one server or separately. It is important that when you talk about server backups, you cover both the web server and database server.

When you create your server backup plan, one thing that is very important but usually forgotten is a disaster recovery plan.

Listed below is a basic server backup plan that we have outlined for your reference.

1. Have Your Data Center Backup your Server

Datacenters will usually do an automatic backup of your data. To find out more you can reference the following information from your data center contract for your backup schedule.

- *Backup Agent: Base Backup Agent ...*
- *Managed Backup:*
  - o *Unmetered Managed Backup...*
  - o *Weekly Full, Daily Differential...*
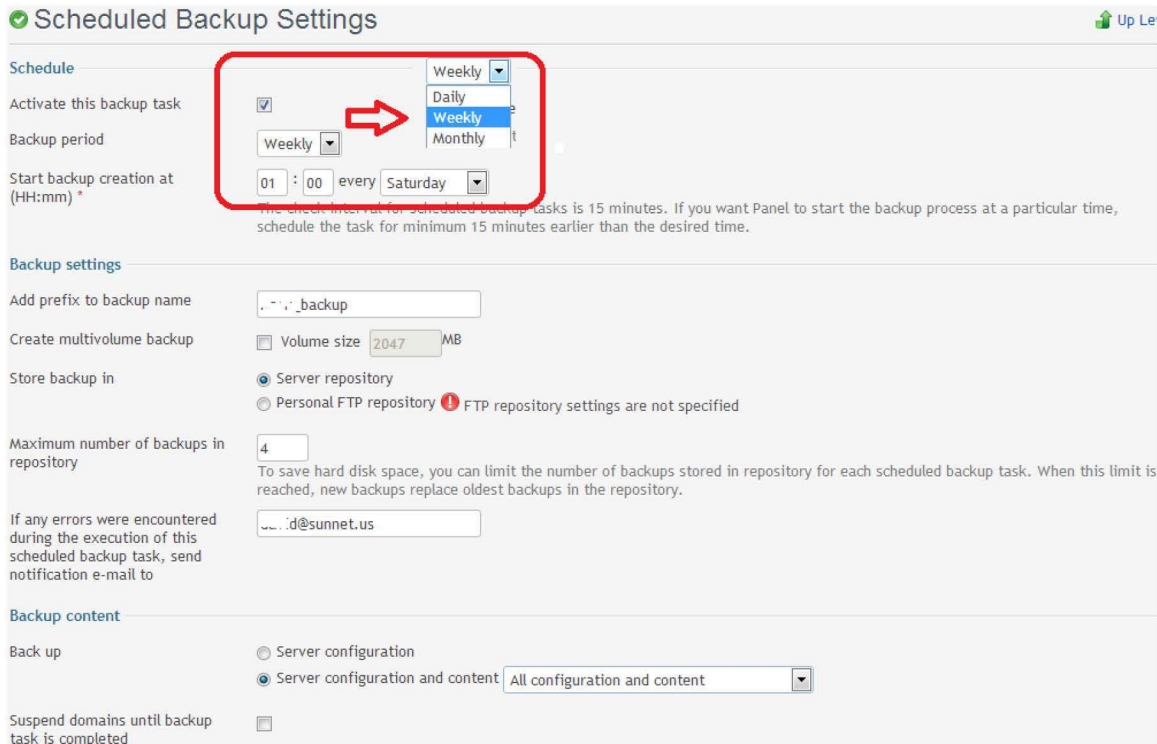 - o *Weekly On-site Retention...*

One CRUCIAL thing to ensure with your datacenter is that they perform a remote backup. Remote backups are very important for the application's disaster recovery and may affect your disaster recovery plan's set up.

2. Backup Your Own Database and Website/ Server Files

2.1 Website/ Server File Backup
You may use third party software to back up the website/server files. There is several good backup software and you can find a right one. Here is how to do it:

Install the third party backup software on the destination server, then set the data to automatically backup on a daily, weekly, or monthly schedule. See reference below.

2.2 Database (MS SQL Server, MySQL, Oracle) Backup

The database backup solution is powered by the database software. You will not need to purchase additional software. You will only be required to perform the set up. The backup files are usually stored in a separate location (a different physical hard drive) than the original file's location.

3. Set up a Remote Backup (Different Geographical Location) to Prevent Data Loss In Case of a Disaster

If you've already set up the backup on the same server, then you can use a remote location. If you have not used the same drive, you can set up a direct remote backup, which will store the file to a remote location without using a local backup. At SunNet Solutions we recommend our clients do both a local and remote back up.

For remote backups, you can use an online Cloud storage service such as DropBox,

Google Drive, etc.t. You can also use other physical locations depending on your data's security level.

Why Server and Remote Backups are Important to your business

Many companies, especially small companies do not have a remote data backup in place. If your business depends heavily on software including online applications, make sure that you backup your server to prevent the unpredictable risks. A remote backup is a very important part of your disaster recovery plan.

Backup Benefits:
* If your website experiences problems, it can be recovered by you regular web/ server file's backup.

* If the database runs into issues, it can be recovered by using your database backup.

* If the server has a problem, it can be recovered by the data center.

* If the data denter's backup experiences a disaster, if can be recovered by using Remote backup.

Data backup is one of the most important for your business's software applications' maintenance and server management. It is another important insurance for your business's reliable operation and long-term success.