

Also Inside Insight

[Disaster Recovery Basics](#)

[Use FTP to Backup your Website](#)

[Backup: A Pain or Necessity?](#)

[Employee Profile: Chad Wegner](#)

Ignus Web Portfolio

mrgsclub.com



Tech Bytes

Dec 7th, 2007: SonicWall TZ 180 - Named Security Product of the Year

[Go to \[ignus.com/articles/475\]\(http://www.ignus.com/articles/475\)](http://www.ignus.com/articles/475)

Dec 10, 2007: Exchange 2007 Service Pack 1 Released

[Go to \[ignus.com/articles/476\]\(http://www.ignus.com/articles/476\)](http://www.ignus.com/articles/476)

Dec 16, 2007: Microsoft Releases CRM 4.0 to Manufacturing

[Go to \[ignus.com/articles/477\]\(http://www.ignus.com/articles/477\)](http://www.ignus.com/articles/477)

Ignus Deal

\$99 Backup Assessment

For the month of January Ignus is offering a \$99 backup assessment. Call now!

Disaster Recovery Basics

Losing important data causes many problems but it helps to have a plan to recover it.



Can your company afford to lose its data? The obvious answer is no—no one's going to admit that it's acceptable to lose corporate information. And yet, many companies don't take the necessary precautions to ensure it doesn't happen.

It's a well-known fact that backups are vital to the disaster recovery process. The majority of organizations understand the importance of backing up information as well as testing those backups.

Here are a few questions you must answer as you are planning your backup strategy:

1. Will you be backing up all or just part of your data?
2. How often will you back up?
3. Will you store your back-ups onsite or offsite?
4. If you store offsite, how do you plan to move the backups?
5. Are there special legal and regulatory requirements that you have to meet in your data back-ups?
6. What media will you be using for your backups (tape, disk, etc.) ?
7. How long will it take to fully recover?

Tape Backups

Tape systems are the primary methodology used to implement Disaster Recovery solutions. These systems take point-in-time copies of the organization's data and commit them to removable media (i.e., the tapes), which the company can then store in a safe facility.

Disaster Recovery - Continued on next page

Use FTP to Backup Your Website

Saving your website files on your hard drive may save you from a nasty headache

Your website files are important. They may provide your customers with important information about your company, store or track data in a database or provide useful service such as a mortgage calculator.

You should maintain your website as often as required in order to keep your site in the top notch slot in your customer's mind. It is safe practice to create a backup folder on your hard drive to store your current website while you make any updates. If, for some reason, something breaks when updating the site you can always go back to your previous version.

You do not need to store a version for every update. In order to save space on your hard drive you can overwrite the previous backup files. It may be a good idea to back up your files on an external hard drive, USB Flash drive or CD. This way if your computer crashes you can still get your website files and perform updates.

The easiest and cheapest way to back up your website is with a utility program called File Transfer Protocol (FTP). FTP will allow you to have access to your web server. Some FTP applications are free for download and others are not. FTP applications require a host, directory, user name and password. Your host is usually

Web Site Backup - Continued on next page

Disaster Recovery - Continued from cover

SAN

SANs today come in two flavors: Fibre Channel, and iSCSI or IP-based SANs. Fibre Channel is the most well-known type of SAN, but over the last couple of years, iSCSI-based SANs have started to hit the market in a big way, mainly due to their good performance and much lower cost versus Fibre Channel.

Network Attached Storage (NAS)

Network Attached Storage (NAS) systems connect directly to your network, but they do not generally provide block level communication with the host, making them unsuitable for most database and Exchange applications. A NAS system is really a very large file server running its own operating system and providing direct access to users.

Encryption

No backup protection strategy would be complete without encryption. For security purposes, it's vital that you encrypt all information that leaves your facility. And if your current backup solution doesn't support encryption, then it's time to find a new backup solution. 🍌

Joe Day | joe.day@ignus.com

Web Site Backup- Continued from cover

Web Links

Follow these Links to find an FTP program

filezilla-project.org

www.cuteftp.com

www.bpftp.com

www.adobe.com

your website address (www.ignus.com), the directory is the top level folder that FTP will "look" for your site files and the user name & password are given to you by your hosting company.

Other programs such as Adobe Dreamweaver also offer FTP access as well as a full website editor.

If your website is database driven, you'll have to backup your website files and your database.

Some websites even have an administrative area that also needed to be backed up.

You can still use FTP to backup the website files but the information in the database must be backed up with a database management utility.

For more information on backing up your website or database contact Ignus and we'll help you out. 🍌

Avery Nubson | avery.nubson@ignus.com

Ignus Cool Site | woot!



Site URL: woot.com
Traffic Estimate: 715,771 per month
Type of Site: e-Commerce

Looking for a deal? Then woot.com is a good place to start. Woot! is an e-commerce website with a twist. They only sell one product a day until that product is sold out. Check each night at midnight to be the first to get your hands on some inexpensive electronics. Many items are new but some are refurbished. Shipping is always \$5 per order.

Backup: A Pain or Necessity?

Backing up your files may be a pain, but you should always consider it

Backup. What does that word mean to you? Does it remind you of something you should be doing, but are not? Or maybe it reminds you about the extreme annoyance of having to swap tapes every day?

It used to be that the only option for backups was the good old tape drive. The tapes would hold anywhere from just a few GB up to 1-200GB. They worked OK, but certainly it was and is a bit of a hassle to have to change tapes every day.

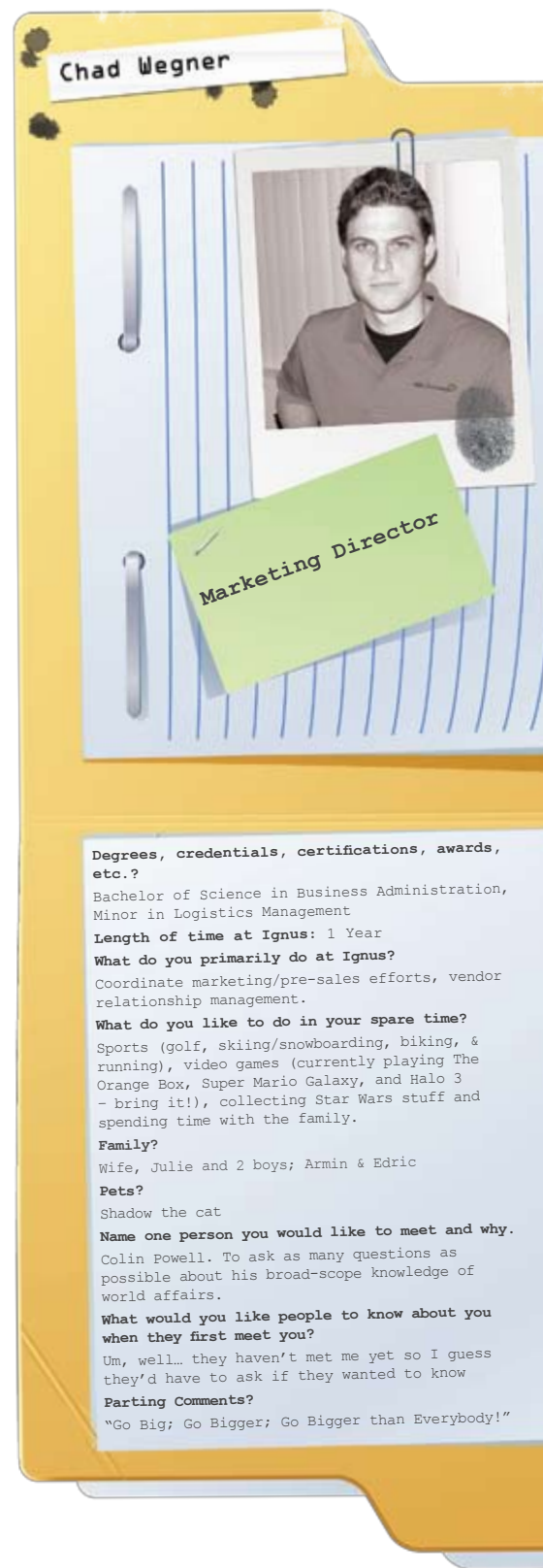
Are tapes the only option? Absolutely not!

Here's the outline of the different options:

Media Type: Tapes	
Using standard backup software to back up to tapes.	
Pros: Easy to take off-site Easy to keep archival backups	Cons: Tapes must be swapped Can be unreliable Can wear out and need to be replaced
Media Type: Disk-to-Disk	
Using standard backup software (like tapes) to back up to another hard drive rather than to tape.	
Pros: Fast (Both backup and restore)	Cons: Hard to take off-site Hard to keep archival backups
Media Type: Imaging	
Uses software to upload all your files to an off-site server, usually using some kind of encryption for security.	
Pros: Very fast restore (Can even restore to different hardware)	Cons: More difficult to restore individual files Difficult to keep archival backups Difficult to take off-site
Media Type: Online	
Uses software to upload all your files to an off-site server, usually using some kind of encryption for security.	
Pros: Easy to take off-site (All data is stored off-site)	Cons: Slow backup and restore Hard to back up ALL data this way

So which one is the right one for your company?

It depends on what's important. If you want to get back up and running after a complete server crash, imaging may be the best one. If you just want to keep files for a long time, tapes may be the right one. Ultimately, a combination of two or more of the options are generally going to be the best solution. 🍌



Copyright:
 Ignus Insight and all articles are copyright 2007 by Ignus, Incorporated. All rights reserved. No portion of this newsletter may be reproduced without prior express written permission.

Comments, Questions, Suggestions?
 If you have questions, comments, suggestions, or ideas for a topic you'd like to see please contact editor@ignus.com.

Disaster Recovery

Use FTP to Backup your Website Backup: A Pain or Necessity? Employee Profile: Chad Wegner

Ignus Quick Tip

Working Securely From Wireless Hotspots

Wireless hotspots are changing the way people work. These wireless local area networks (LANs) provide high speed Internet access in public locations—as well as at home—and require nothing more than a notebook PC with a wireless card. From coffee shops to restaurants, airports to hotel lobbies, hotspots are ubiquitous. They are the de facto connection method for travelers and remote workers to access the Internet, their e-mail, and even their corporate networks.

For a complete list go to www.ignus.com/articles/articles/393