

NAS and SNAP Network Backups Made Easy



This guide explains how BackupAssist makes NAS backups easy. Thanks to some clever design features and an intuitive user interface, users and system administrators alike can enjoy a powerful and yet simple backup system.

For the user

Backup schemes

Choose from a range of fully automated backup schemes - like storing your most recent backups, or choose a hierarchical scheme which will give you backups and archives from various points in time (weeks, months, or even years ago).

Select scheme

- Most recent full**
 - Organizations who only need recent backups
- Basic**
 - Small organizations with basic requirements
- Intermediate**
 - Schools, universities and other organizations who need basic archiving
- Professional**
 - Professional organizations who require at least one archive

Time to perform backup: 10:00:00 PM

Backups scheduled between midnight and 6am will run on the morning following the scheduled day (eg Mondays backup will run on Tuesday morning)

Server

- Backup Directory
 - 2007-07-02
 - 2007-07-03
 - 2007-07-04
 - 2007-07-05
 - 2007-07-06

Full backups are performed once a day. The oldest backups are deleted automatically and the most recent backups are kept.

You can keep a particular number of backups in your backup directory:

- keep total size under ___ gig
- keep ___ number of backups
- keep ___ days old
- use all available space

Media usage reports

Media usage reports clearly indicate how much drive space has been used by backups on your NAS server; this means that you can plan ahead and upgrade the capacity of your backup system to accommodate future increases in data.

"NAS" Report Backup to: NAS (Network attached storage)

Date: Friday, 24 August 2007 5:41:38 PM

- ✔ "NAS" Successful
- ✖ Errors / Warnings Summary
- ✖ Backup Job Summary
- ✖ Process Summary

Process	Status
✔ Destination Check	Successful
✔ Data Backup	Successful
Local files	
✔ C: Windows	Successful
✔ Media Usage	Successful

Data usage for NAS - \\snap\Temp\Backups\

Other Data	Backup Data	Free Space
139GB	4.23GB	149GB

Total Capacity 292GB

Data Used 143GB (48.9%)

Backup files residing on NAS - \\snap\Temp\Backups\

wednesday.bkf	2.12GB
Tuesday.bkf	2.12GB

For the system administrator

Easy setup

Easily enter the details of your NAS, and any extra authentication details. This is especially useful for many Linux-based NAS devices that do not integrate with Windows domain authentication, and require an explicit peer-to-peer authentication setup.

The destination for this job is: NAS (Network attached storage)

NAS Options

Server name: snap

Path on server: {Temp\Backups}

eg. \\ShareName\subdir1\subdir2

NAS Server requires username and password

Username: admin

Password: *****

Test connection...

Flexible storage options

Choose a retention strategy on your NAS server - such as the number of backups to keep (if keeping the most recent backups), or a hierarchical scheme. This enables you to share the same NAS between multiple servers.

How do you want to manage the backups on each disk?

- Use all available space - delete old backups as necessary
- Use available space, but always leave: 0.0 Gb of free space
- Use a maximum size of: 0.0 Gb for backups
- Keep the last: 1 backups
- Keep backups from the last: 1 days
- Unmanaged: do not delete previous backup files

Flexible file naming

Fully customize the backup filename for easy management and retrieval.

Choose a filename for your backups:

%COMPUTER_NAME%-%FILE_DATE%.bkf

eg. 2006-05-04.bkf

Keep local copies of backups

Keep a copy of your most recent backups on a local hard drive for fast restores. This option improves the reliability of NAS backups when using "home-grade" networking hardware.

Keep a local copy of each backup in the following directory

C:\BackupCopies\

How do you want to manage your local backup collection?

- Use all available space - delete old backups as necessary
- Use available space, but always leave: 0.0 GB of free space
- Use a maximum size of: 0.0 GB for backups
- Keep the last: 1 backups
- Keep backups from the last: 1 days
- Unmanaged: do not delete previous backup files



Customized scheduling

Built-in backup schedules can be customized to your specific requirements including differential, incremental, copy and append backups.

Week 1	Full	Overwrite
Week 2	Full	Overwrite
Tuesday	Full	Overwrite
Wednesday	Differential	Overwrite
Thursday	Incremental	Overwrite
Friday	Daily Copy	Overwrite
Friday	Full	Overwrite

Additional Facts About NAS and other Network Storage

Advantages

- ✓ No user intervention required - fully automated
- ✓ Can be fast with the latest gigabit routers
- ✓ Restore anywhere

Disadvantages

- ⚠ If NAS is stored in same location as server (onsite), the backup is useless if the server is lost (fire, theft, etc)
- ⚠ If used with poor networking hardware, can be less reliable than tape, external hdd, etc

About BackupAssist

The premier backup solution for small and medium businesses built around 4 key principles:

1. Simplicity, simplicity, simplicity

- Makes your backups work like clockwork: set and forget
- The right feature set for small and medium businesses
- None of the unnecessary frills that complicate other solutions

2. Makes system administrators' lives easy

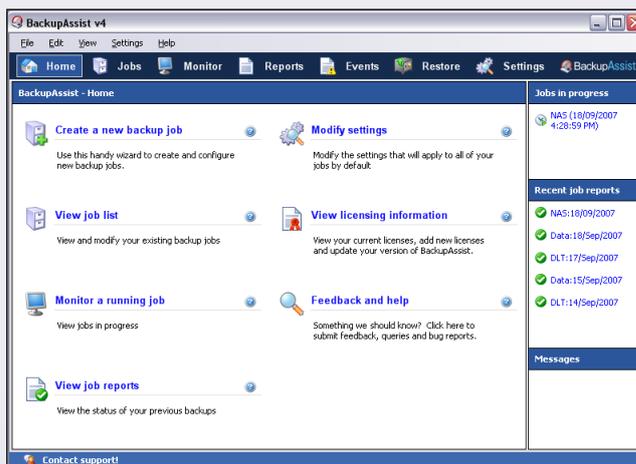
- Intuitive interface, minimal administration frees up your time
- Setup and configure in 7 minutes; no certification required!

3. Makes users' lives easy

- Easy to read reports; identify problems before they occur
- Emails simple instructions when required so you can't go wrong

4. Uses existing backup technologies

- Well proven methods for backup / restore; restore from any Windows machine
- Delivers cost benefits by not reinventing the wheel
- Solutions for Server & Workstation backups, Active Directory, Exchange Server, SQL Server, Local and Remote/Internet based backup, and more



With thousands of sales in over 70 countries, BackupAssist is fast becoming the backup software package of choice for businesses, schools and charities.

Download your free trial today from our website:

www.BackupAssist.com