

afs storage space

*Store your data on
Stanford's central disk storage space*

Store all files related to your work, research, or the courses you teach.

Rely on nightly backups of all your AFS files.

Choose who you share your files with.

Access your files from other computers.

Store and serve web pages.

WHAT IS AFS STORAGE SPACE? The Andrew File System (AFS) is a data storage system developed at Carnegie Mellon University in 1984. Stanford uses AFS for handling its own large distributed file system. When you get a full service SUNet ID you automatically get 200 Megabytes of storage space in AFS for storing web pages, text files, computer programs, and other forms of electronic information. Storage space in AFS is also available for Stanford departments, groups, and courses, and for dedicated research purposes.

WHY SHOULD I USE IT? AFS storage space offers a number of advantages over other data storage options. For example:

- *File sharing*— You can easily and securely share documents and files with colleagues or workgroups...no need to send attachments via email, floppy disk, or CD.
- *File backup*— To ensure the safety of your files, all data is backed up nightly. Backups are kept for one year. If you accidentally delete an important file from AFS, the file can be restored for you.
- *File access*— You can easily and securely access your files from other computers.
- *Web sites*— You can store and serve web pages directly and securely. Stanford's www.stanford.edu web service will make available on the Web any pages you store in a special "WWW" directory inside your AFS space.
- *File security*— Your files are protected by the Kerberos authentication system. Other people can access your files, but only if you let them, and only if they authenticate themselves with their SUNet ID. Moreover, you can make your own "public," "private," "researchgroup," or "student" directories and set the permissions differently for each so that only the appropriate population can see the contents of each directory.

WHAT DOES IT COST? There is no charge associated with storing files in AFS storage space.

HOW CAN I FIND OUT MORE? The following URLs provide additional information about AFS at Stanford:

- *The main AFS site* — <http://afs.stanford.edu/>
- *AFS storage space* — <http://diskspace.stanford.edu/>
- *Stanford's Web Service* — <http://webservice.stanford.edu/>
- *AFS resources for courses* — <http://courses.stanford.edu/its-course-support/>

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