

Description of the Yahara Software environment hosting Worldwide Instructional Design System (WIDS) and Wisconsin Technical College System Foundation (WTCSF) websites

Data center servers

The websites for the WIDS web site (www.wids.org) and the Wisconsin Technical College System Foundation (www.wtcsf.tec.wi.us) are hosted in our equipment rack in the datacenter owned by Supranet Communications, Inc. at 8000 Excelsior Drive, Madison, Wisconsin.

The Server hosting the WIDS website, widsweb.yaharaonline.com (WIDSWEB), uses Windows Server 2008 Enterprise edition, release 2, service pack 1, manufactured by Microsoft Corporation, as its operating system. The webserver application hosting the website is Internet Information Services version 7.5 manufactured by Microsoft Corporation. This website is support by a database server, widsdb.yaharaonline.com (WIDSDB), using Windows Server 2012 Standard edition as its operating system and SQL Server 2012 as its database server.

The server hosting the WTCSF website, yslamp1.vm.supranet.net (YSLAMP1), uses FreeBSD 8.1, manufactured by The FreeBSD Project, as its operating system. The webserver application hosting the website is Apache Webserver version 2.2 manufactured by the Apache Software Foundation.

Database configuration

The database supporting the WIDS website is configured in full recovery mode. It's backed up daily by the database server to a local drive. The transactions files for the database are backed up to a local drive every six hours.

Backup server

The data comprising the websites is backed up by a server in our office at 8000 Excelsior Drive, Suite 400, Madison, Wisconsin. The server performing the backup, yaharabackup.yahara, uses Windows Server 2008 Standard edition, release 2, service pack 1, manufactured by Microsoft Corporation, as its operating system. The data backup is performed by the backup application SyncBackPro version 6, manufactured by 2BrightSparks Pte Ltd. The data is backed up to external hard drives attached to the server.

Backup cycle

A full backup of the source files is performed every Friday night. A backup of the files that have changed since the last full backup is performed all other nights.

Backup data storage

Backup data is stored on three sets of backup drives. On Friday morning, the set of drives holding the previous seven days backup data are moved to storage at Access, 3700 Commerce Drive, Madison, Wisconsin. As Access picks up the drives they deliver the set of drives holding the prior week's data. The set of drives holding data that is two weeks old is connected to the backup server to hold the coming week's backup data.

