# DataArchiver

# ADMINUX ®

AdminUX's DataArchiver provides data backups over your network without any additional software.

The AdminUX DataArchiver uses GNU tar to process up to nine different backup queues to as many as nine different devices either in parallel or serial.

A tar file may also be specified in place of a device name.

Data can be sent from any AdminUX managed server running the DataArchiver across your intranet or the Internet.

AdminUX's DataArchiver provides a comprehensive and simple backup solution for those environments where an enterprise backup solution is not practical or cost effective.

DataArchiver can safely archive every file, directory, device node, and special file on your file systems, unlike standard UNIX tar, which ignores many important files on your hard drive.

## Multi-Drive/Multi-Host

Unattended, scheduled backups can be processed from and to any AdminUX-

managed server on your network without regard to platform.

Tape backup queues can be run either in serial or parallel to maximize tape backup performance or minimize system overhead.

## Data Verification

A test backup is performed before the actual backup begins to insure the inserted tape is writeable. DataArchiver also performs a tape verify to insure every byte of data on an archive is readable.

## Data Compression

To fit as much data as possible on to a tape DataArchiver supports software data compression.

## Full or Incremental Backups

DataArchiver will perform full or incremental backups of your file systems.

## Valid Tape/Backup Checks

DataArchiver verifies that:

A backup tape must be inserted by a preset time each day. If not, an alarm is generated so that the operator can insert the proper tape into the drive

before a scheduled backup. The tape inserted into the tape drive is the correct tape to be backed up that day.

The backup time is consistent to previous backups. An alarms event is created if the backup time difference is significant. Significant differences in backup times from day to day could indicate a system problem.

An operator has looked at the backup status to verify that the backup process ran correctly. If no one checks the backup status for a predefined number of days, an alarm event is created.

These checks help insure that remote servers that are being managed or monitored by less skilled personnel are being properly backed up and checked each day.

## Archive Logs

Information about each tape archive that is run and its status are logged into a monthly log. A complete list of files archived and the results of standard out are also maintained in log files.