

# UNIX System Manager's Manual (SMM)

## 4.4 Berkeley Software Distribution

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This volume contains manual pages and supplementary documents useful to system administrators. The information in these documents applies to the 4.4BSD system as distributed by U.C. Berkeley.

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### Reference Manual – Section 8

Section 8 of the UNIX Programmer's Manual contains information related to system operation, administration, and maintenance.

### System Installation and Administration

Installing and Operating 4.4BSD SMM:1

The definitive reference document for those occasions when you find you need to start over again.

Building 4.4BSD Kernels with *Config* SMM:2

In-depth discussions of the use and operation of the *config* program, and how to build your very own Unix kernel.

Fsck – The UNIX File System Check Program SMM:3

A reference document for using the *fsck* program during times of file system distress.

Disc Quotas in a UNIX Environment SMM:4

A light introduction to the techniques for limiting the use of disc resources.

A Fast File System for UNIX SMM:5

A description of the 4.4BSD file system organization, design and implementation.

The 4.4BSD NFS Implementation SMM:6

An overview of the design, implementation, and use of NFS on 4.4BSD.

Line Printer Spooler Manual SMM:7

This document describes the structure and installation procedure for the line printer spooling system.

Sendmail Installation and Operation Guide SMM:8

The last word in installing and operating the *sendmail* program.

## SMM Contents

Sendmail – An Internetwork Mail Router	SMM:9
An overview document on the design and implementation of <i>sendmail</i> .	
Name Server Operations Guide for BIND	SMM:10
Setting up and operating the name to Internet addressing software. If you have a network this will be of interest.	
Timed Installation and Operation Guide	SMM:11
Describes how to maintain time synchronization between machines in a local network.	
The Berkeley UNIX Time Synchronization Protocol	SMM:12
The protocols and algorithms used by <i>timed</i> , the network time synchronization daemon.	
AMD – The 4.4BSD Automounter	SMM:13
Automatically mounting file systems on demand.	
Installation and Operation of UUCP	SMM:14
Describes the implementation of <i>uucp</i> ; for the installer and administrator.	
A Dial-Up Network of UNIX Systems	SMM:15
Describes UUCP, a program for communicating files between UNIX systems.	
On the Security of UNIX	SMM:16
Hints on how to break UNIX, and how to avoid your system being broken.	
Password Security – A Case History	SMM:17
How the bad guys used to be able to break the password algorithm, and why they cannot now (at least not so easily).	
Networking Implementation Notes, 4.4BSD Edition	SMM:18
A concise description of the system interfaces used within the networking subsystem.	
The PERL Programming Language	SMM:19
The Practical Extraction and Report Language is ideal for writing those pesky administration scripts.	