UNIX System Manager's Manual (SMM)

4.4 Berkeley Software Distribution

June, 1993

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.

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Sendmail – An Internetwork Mail Router SMM:9

An overview document on the design and implementation of *sendmail*.

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 timed, 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 uucp; 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 adminitration scripts.