UNIX System Manager's Manual (SMM)

4.3 Berkeley Software Distribution, Virtual VAX-11 Version

April, 1986

This volume contains manual pages and supplementary documents useful to system administrators. The information in these documents applies to the Virtual VAX-11 version of the 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 4.3BSD on the VAX SMM:1

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

Building 4.3BSD UNIX Systems 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.

Using ADB to Debug the Kernel SMM:3

Techniques for figuring out after the fact why the kernel crashed.

Disc Quotas in a UNIX Environment SMM:4

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

Fsck - The UNIX File System Check Program SMM:5

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

Line Printer Spooler Manual SMM:6

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

Sendmail Installation and Operation Guide SMM:7

The last word in installing and operating the sendmail program.

Timed Installation and Operation Guide SMM:8

Describes how to maintain time synchronization between machines in a local network.

UUCP Implementation Description SMM:9

Describes the implementation of uucp; for the installer and administrator.

USENET Version B Installation SMM:10

How to install and maintain the News system.

Name Server Operations Guide SMM:11

If you have a network this will be of interest.

Supporting Documentation

Bug Fixes and Changes in 4.3BSD SMM:12

This document summarizes changes visible to the user accustomed to 4.2BSD.

Changes to the Kernel in 4.3BSD SMM:13

A summary for the hard-core of changes in the kernel from 4.2BSD to 4.3BSD.

A Fast File System for UNIX SMM:14

A description of the 4.2BSD file system organization, design and implementation.

4.3BSD Networking Implementation Notes SMM:15

A concise description of the system interfaces used within the networking subsystem.

Sendmail - An Internetwork Mail Router SMM:16

An overview document on the design and implementation of sendmail.

On the Security of UNIX SMM:17

Hints on how to break UNIX, and how to avoid your system being broken.

Password Security - A Case History SMM:18

How the bad guys used to be able to break the password algorithm, and why they cannot now (at least not so easily).

A Tour Through the Portable C Compiler SMM:19

How the portable C compiler works inside.

Writing NROFF Terminal Descriptions SMM:20

A description of how to add a printer with new characteristics to Version 7 nroff.

A Dial-Up Network of UNIX Systems SMM:21

Describes UUCP, a program for communicating files between UNIX systems.

The Berkeley UNIX Time Synchronization Protocol SMM:22

The protocols and algorithms used by timed, the network time synchronization daemon.