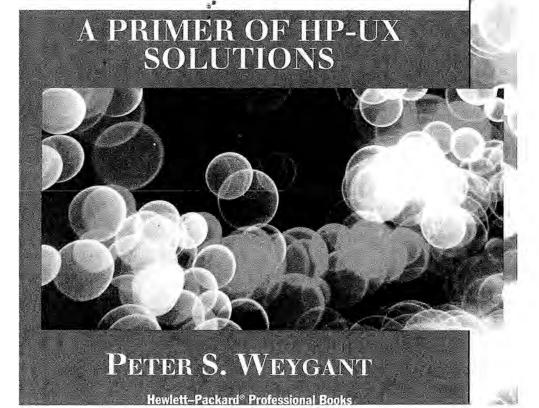
# CLUSTERS for High Availability





Clusters for High Availability





### Hewlett-Packard Professional Books

Blinn Portable Shell Programming: An Extensive Collection of

Bourne Shell Examples

Blommers Practical Planning for Network Growth

Costa Planning and Designing High Speed Networks

Using 100VG-AnyLAN, Second Edition

Crane A Simplified Approach to Image Processing: Classical and

Modern Techniques

Fernandez Configuring the Common Desktop Environment

Fristrup USENET: Netnews for Everyone
Fristrup The Essential Web Surfer Survival Guide
Grady Practical Software Meries for Project

Management and Process Improvement

Grosvenor, Ichiro, Mainframe Downsizing to Upsize Your Business:

O'Brien IT-Preneuring

Gunn A Guide to NetWare<sub>®</sub> for UNIX<sup>®</sup>

Helsel Graphical Programming: A Tutorial for HP VEE

Helsel Visual Programming with HP-VEE
Kane PA-RISC 2.0 Architecture
Knouse Practical DCE Programming
Lewis The Art & Science of Smalltalk

Madell, Parsons, Abegg Developing and Localizing International Software

Malan, Letsinger, Object-Oriented Development at Work: Fusion In

Coleman the Real World

McFarland X Windows on the World; Developing

Internationalized Software with X, Motif®, and CDE

McMinds/Whitty Writing Your Own OSF/Motif Widgets

Phaal LAN Traffic Management

Poniatowski The HP-UX System Administrator's "How To" Book
Poniatowski HP-UX 10.x System Administration "How To" Book
Thomas Cable Television Proof-of-Performance: A Practical

Guide to Cable TV Compliance Measurements Using

a Spectrum Analyzer.

Weygant Clusters for High Availability: A Primer of HP-UX Solutions

Witte Electronic Test Instruments



## Clusters for High Availability

A Primer of HP-UX Solutions

Peter Weygant

Hewlett-Packard Company





Editorial/Production Supervision: Joanne Anzalone Acquisitions Editor: Karen Gettman Manufacturing Manager: Alexis R. Heydt Cover Design: Design Source Manager, Hewlett-Packard Press: Pat Pekary

© 1996 by Hewlett-Psckard Company



Published by Prentice Hall PTR Prentice-Hall, Inc. A Simon & Schuster Company Upper Saddle River, NJ 07458

All rights reserved. No part of this book may be reproduced, in any form or by any means, without permission in writing from the publisher.

MC/ServiceGuard and MC/LockManager are registered trademarks of Hewlett-Packard Company. Oracle is a trademark of Oracle Corporation. Symmetrix and EMC are trademarks of EMC Corporation. NFS is a trademark of Sun Microsystems, Inc. UNIX is a registered trademark in the United States and in other countries, licensed exclusively through X/Open Company, Ltd.

The publisher offers discounts on this book when ordered in bulk quantities. For more information, contact the Corporate Sales Department, PTR Prentice Hall, One Lake Street, Upper Saddle River, NJ 07458. Phone: 800-382-3419. FAX: 201-236-7141. e-mail: corpsales@prenhall.com

Printed in the United States of America 10 9 8 7

ISBN 0-13-494758-4

HP Part Number B3936-90007

Prentice-Hall International (UK) Limited, London Prentice-Hall of Australia Pty. Limited, Sydney Prentice-Hall of Canada, Inc., Toronto Prentice-Hall Hispanoamericana S.A., Mexico Prentice-Hall of India Private Limited, New Delhi Prentice-Hall of Japan, Inc., Tokyo Simon & Schuster Asia Pte. Ltd., Singapore Editora Prentice-Hall do Brasil, Ltd., Rio de Janeiro



# DOCKET

# Explore Litigation Insights



Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

### **Real-Time Litigation Alerts**



Keep your litigation team up-to-date with **real-time** alerts and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

### **Advanced Docket Research**



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

### **Analytics At Your Fingertips**



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

### API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

### **LAW FIRMS**

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

### **FINANCIAL INSTITUTIONS**

Litigation and bankruptcy checks for companies and debtors.

### **E-DISCOVERY AND LEGAL VENDORS**

Sync your system to PACER to automate legal marketing.

