# Chapter 01

# *Introduction*

*HP-UX Handbook*
*Revision 13.00*

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Use standard feedback process on HP Solution Center or SAW, or send email to:

      Email Address              *essam.ackleh@hp.com*

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## Table of Contents

# INTRODUCTION:

The HP-UX Handbook is a collection of HP-UX related chapters, each covering an area topic related to the HP-UX operating system. Each chapter is the result of contribution by several support engineers specializing in the area covered by the chapter at hand. These contributions are based on knowledge and experience. Each of these chapters is currently published as a separate standalone document.

# HISTORY:

Originally the HP-UX Handbook was created as an everyday tool for engineers and field technicians. But due to its popularity in the field over the years, it was decided to make it available to registered HP customers as well. Please see section: **"TERMS OF USE AND LEGAL RESTRICTIONS FOR THE HP-UX HANDBOOK"** provided at the beginning of each chapter on page 3.

This handbook was last updated in 2006. After hard work by many people, we now have the latest version (v13.00) completed. It still maintains separate documents for separate chapters, which are available electronically for download in PDF format internally, and externally for registered HP customers on the HP Support Center Portal (HPSC). Depending on feedback and other factors, we may (in the future) combine all these chapters into a single document. HP provides no ETA for such task, nor does it guarantee that such task will be performed.

We like to emphasize that these HP-UX Handbook chapters are not officially released HP documents. They are contributed collection of cookbooks, and therefore may contain errors. HP is not responsible for any problems resulting from the use of unofficial procedures given in this handbook. We will do our best effort to fix any errors reported to us through the feedback process, but HP makes no guarantee that every error will be fixed, nor does it provide ETA for error fixes.

## NAME CHANGE:

Originally, this handbook was referred to as "*HP-UX Software Recovery Handbook"*. But since after years of updates it now contains many more chapters and subjects than just "recovery re;ated", starting with this revision, v13.00, and going forward it will be referred to as simply the "*HP-UX Handbook"*.

## WARNING about Internal HP network links:

As this handbook is available electronically to HP employees, it may contain links to internal HP sites, which are only intended for such people, and will not be accessible externally by registered HP customers.

## FEEDBACK:

We would like to invite everyone to send us feedback in order to allow continuous improvement of the HP-UX Handbook. You use the standard feedback process within in electronic document links on HPSC or SAW, or by email as follows:

Email: essam.ackleh@hp.com
Subject syntax: *HP-UX Handbook v13.00 Chapter <YY> - <Feedback Title>*

## CREDITS:

It is impossible to name all the people who contributed to this project throughout the years. The handbook started many years ago, but has not been updated since 2006. New efforts were put into place to see this latest version, v13.00, into completion, updating old materials, and adding new ones. Some of the people's names who worked on previous versions (pre 2006) are not known to me. But we thank each and every one of them, and we apologize for not mentioning them below.

I will only mention those people who provided contributions to this latest HP-UX Handbook v13.00, as I worked with them closely. While individual contribution levels varied from contribution to parts of one chapter, to contributions to several chapters, the efforts of each and every one of those individual are tremendously appreciated, and without each one this work would not be possible. I will list them here in alphabetical order:

| | |
|---|---|
| Baffoe, Samuel | Ivanyuk, Slav |
| Benight, Ross | Kavanaugh, Ute |
| Bettis, Mark | Lautenschlager, Keith |
| Dobbins, Roxanne | Lee, Kenny |
| Doud, Stephen | Lincz, Steven |
| Bezanson, Henry | Nguyen, Hoang |
| Daly, Patricia | Roth, George |
| Gregory, Susan | Tonguet, James |

## DOCUMENT IDs:

As mentioned, the chapters above are available electronically, or for download as PDF formats, internally or externally at the HPSC Portal. You can easily find all of them by searching for "HP-UX Handbook v13.00".

For specific chapters, you can search on the document ID listed below (HP Employees click the imbedded link in the ID to get there):

### Table 1-1: HP-UX Handbook v13.00 - Chapters & Document IDs

| Chapter # | Chapter Name | Document ID |
|---|---|---|
| Chapter 01 | Introduction | This document |
| Chapter 02 | System Boot | c03992060 |
| Chapter 03 | System Startup | c03992065 |
| Chapter 04 | System Recovery | c03992185 |
| Chapter 05 | Software Distributor (SD-UX) | c03992191 |
| Chapter 06 | Ignite-UX | c03992313 |
| Chapter 07 | Kernel Configuration | c03992390 |
| Chapter 08 | Crash Dumps | c03992391 |
| Chapter 09 | Networking Basics | c03992392 |
| Chapter 10 | Network Services | c03992394 |
| Chapter 11 | Software Development | c03992399 |
| Chapter 12 | I/O Addressing | c03992467 |
| Chapter 13 | LVM (Logical Volume Manager) | c03992484 |
| Chapter 14 | Journaled File System (JFS) | c03992500 |
| Chapter 15 | Serviceguard | c03992539 |
| Chapter 16 | Instant Capacity (iCAP) | c03992552 |
| Chapter 17 | Virtual Partitions (vPars) | c03992569 |
| Chapter 18 | Integrity Virtual Machines (HPVM) | c03992581 |
| Chapter 19 | Process Resource Manager (PRM) | c03992603 |
| Chapter 20 | CIFS | c03992615 |
| Chapter 21 | Itanium Architecture (IA) | c03992616 |
| Chapter 22 | Performance & Tuning | c03992617 |

## IN CLOSING:

May the efforts put into these documents provide some readers with helpful information, gain of knowledge, or fixes to specific problems. Otherwise, may they bring someone many hours of "*happy & joyful reading*".

Oct 31, 2013
Essam Ackleh