HP-UX 11i Version 3 March 2012 Release Notes

Operating Environments Update Release

Abstract

This document provides an overview of what is new, changed, deprecated, or obsoleted in the HP-UX 11i v3 Operating Environments since the previous update release of HP-UX 11i v3. It also provides an overview of the changes in previous releases. This document is intended for system administrators responsible for managing HP-UX 11i v3. Administrators are expected to have knowledge of operating system concepts, commands, and configuration.

8 Security

This chapter covers changes and enhancements to security services. For changes to other products and features related to this chapter, see "What is new in the HP-UX 11i v3 March 2012 release" (page 13).

Restricted Root

New security options are available extending password and login policies to the root account. This shadow mode enhancement allows implementation of stricter security policies that were previously only available on trusted mode systems. Restricted Root is delivered via two patches in the FEATURE11i bundle: PHCO_42662 and PHCO_42663.

Summary of Change

When the root account changes its own password or another account's password, defined system and user password policies are checked during the password change. The following policies are checked:

- Allow root to change the password only after *PASSWORD_MINDAYS*
- Configurable minimum password length
- Password complexity
- Password history depth is applicable

Login restrictions are applied to the root account. The following login policies are checked:

- Disallow login with a null password
- Disallow login after *INACTIVITY_MAXDAYS*

Compatibility

By default the new features are disabled, maintaining compatibility with previous shadow mode implementations. To activate the features, see the *security*(4) manpage.

Performance

There are no known performance issues.

Documentation

- Manpages
  - *security*(4)

Obsolescence

Not applicable.