Software Enhancements [2]

This chapter describes the new features and enhancements included since the UNICOS 10.0.0.1 operating system release.

For additional information about upgrading to this release, see Chapter 3, page 7.

2.1 Operating System

There are no enhancements to the operating system since the UNICOS 10.0.0.1 release.

2.2 Tape Subsystems

There are no enhancements to tape subsystems since the 10.0.0.1 release.

2.3 Networking and Communications

The following section describes enhancements to Networking and Communications that are new since the UNICOS 10.0.0.1 release.

2.3.1 Internet Protocol 6 (IPv6) supported with UNICOS 10.0.0.2 release

The UNICOS 10.0.0.2 operating system includes support for IPv6, the Internet Protocol version 6, also known as next generation internet protocol.

IPv6 is designed to be an evolutionary step from IPv4. It can be installed as an upgrade in internet devices and is interoperable with IPv4.

The following is a list of the main features of IPv6:

- expanded addressing capabilities

- header format simplification

- improved support for extensions and options

- flow labeling capability

- extensions to support authentication, data integrity, and data confidentiality

For more information on IPv6, see

`http://playground.sun.com/pub/ipng/html/ipng-main.html`

2.4 System Installation

There are no enhancements to system installation since the UNICOS 10.0.0.1 release.

2.5 File Systems

There are no enhancements to file systems since the UNICOS 10.0.0.1 release.

2.6 Diagnostics

The following section describes enhancements to diagnostics that are new since the UNICOS 10.0.0.1 release.

2.6.1 Memory Error Summation Option Added to `errpt`

A new `-m` memory option has been added to the `errpt`(8) error reporting utility. When this option is specified, `errpt` produces a memory error summation report, an extended one-line summary report of memory errors collected by the `errdemon`(8) error logging daemon.

This summation report is not limited to 80 characters per line, and repeating occurrences of the same error are summed in a count field.

For more information, see the `errpt`(8) and `errdemon`(8) man pages.

2.7 Disk and Storage Device Enhancements

There are no enhancements to disk and storage devices since the UNICOS 10.0.0.1 release.