Preface

This publication describes the UNICOS under UNICOS feature. It provides the descriptions and procedures necessary to accomplish the following tasks:

* Configure a guest system

* Boot a guest system

* Troubleshoot a guest system

Related publications

The following documents contain additional information that may be helpful:

* *UNICOS User Commands Reference Manual*, Cray Research publication SR–2011

* *UNICOS Installation Guide*, Cray Research publication SG–2112

* *NQE Administration*, Cray Research publication SG–2150

* *General UNICOS System Administration*, Cray Research publication SG–2301

* *UNICOS Configuration Administrator's Guide*, Cray Research publication SG–2303

* *UNICOS System Configuration Using ICMS*, Cray Research publication SG–2412

* *UNICOS Installation and Configuration Tool Reference Manual*, Cray Research publication SR–3090

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Conventions

The following conventions are used throughout this document:

Convention	Meaning
`command`	This fixed-space font denotes literal items such as commands, files, routines, path names, signals, messages, and programming language structures.
`manpage(x)`	Man page section identifiers appear in parentheses after man page names. The following list describes the identifiers:

1	User commands
1B	User commands ported from BSD
2	System calls
3	Library routines, macros, and opdefs
4	Devices (special files)
4P	Protocols
5	File formats
7	Miscellaneous topics
7D	DWB-related information
8	Administrator commands

Some internal routines (for example, the `_assign_asgcmd_info`() routine) do not have man pages associated with them.

variable	Italic typeface denotes variable entries and words or concepts being defined.

user input	This bold, fixed-space font denotes literal items that the user enters in interactive sessions. Output is shown in nonbold, fixed-space font.
[ ]	Brackets enclose optional portions of a command or directive line.
...	Ellipses indicate that a preceding element can be repeated.

The following machine naming conventions may be used throughout this document:

Term	Definition
Cray PVP systems	All configurations of Cray parallel vector processing (PVP) systems.
Cray MPP systems	All configurations of the CRAY T3D series. The UNICOS operating system is not supported on CRAY T3E systems. CRAY T3E systems run the UNICOS/mk operating system.
All Cray Research systems	All configurations of Cray PVP and Cray MPP systems that support this release.

The default shell in the UNICOS and UNICOS/mk operating systems, referred to in Cray Research documentation as the *standard shell*, is a version of the Korn shell that conforms to the following standards:

• Institute of Electrical and Electronics Engineers (IEEE) Portable Operating System Interface (POSIX) Standard 1003.2–1992

• X/Open Portability Guide, Issue 4 (XPG4)

The UNICOS and UNICOS/mk operating systems also support the optional use of the C shell.

Cray UNICOS Version 10.0 is an X/Open Base 95 branded product.

Reader comments

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