

Contents

	<i>Page</i>
Preface	vii
UNICOS system administration publications	vii
UNICOS/mk system administration publications	viii
Related publications	ix
Ordering Cray Research publications	xi
Conventions	xi
Reader comments	xiii
 Tape Subsystem Administration [1]	 1
Tape interfaces	1
Administration commands	1
 Tape Configuration [2]	 5
UNICOS configuration	5
Configuration settings	5
System boot parameter file	6
UNICOS/mk configuration	7
Configuration settings	8
Parameter file	9
 Other Tape Administration Issues [3]	 11
Naming and numbering device groups	11
User database considerations	11
User exits	12
Implementation	12
User exit descriptions	14
 SG-2307 10.0	 iii

Automatic volume recognition	24
Tape autoloaders	25
Command flow	26
StorageTek autoloader information	27
IBM autoloader information	28
EMASS autoloader information	29
General installation information	29
Organizing your devices in attended and unattended modes	30
Accessing tape cartridges	31
Message daemon and operator interface	31
Tape Troubleshooting [4]	35
Tape drive or job problems	35
Tape daemon problems	35
tpdfixup utility	36
Tracing	37
Sample trace analysis	38
Trace information	38
Trace example	39
Source	40
Associated kernel trace entry	44
errpt(8) utility	45
Sample errpt(8) analysis	46
Block mux and ESCON protocols	46
SCSI protocols	49
daemon.stderr file	50
crash(8) or crashmk(8) utility	50
Appendix A Man Pages	53

Contents

	<i>Page</i>
Index	55
Figures	
Figure 1. UNIX autoloader communication	27
Tables	
Table 1. Message daemon commands	32

