

---

## Operations Application Messages - Network Element and Network System Security Administration Messages

NS

### Contents

1. Introduction . . . . .	1-1
1.1 Changes to Document . . . . .	1-1
1.2 Requirements Statement . . . . .	1-2
1.3 Document Organization . . . . .	1-2
1.4 Conceptual Data Model of NESSA . . . . .	1-3
1.5 Logical Data Model of NESSA . . . . .	1-4
2. Overview of NESSA Functions . . . . .	2-1
3. NESSA Messages for NEs and NSs . . . . .	3-1
3.1 Conventions and Notations . . . . .	3-1
3.2 Specification Format . . . . .	3-2
3.3 General Format for Input Commands . . . . .	3-3
3.4 General Format for Output Response . . . . .	3-4
3.4.1 NESSA Messages and Responses . . . . .	3-7
CANCEL SESSION (TIMEOUT) . . . . .	3-13
REPORT ALARM RELATED TO NE/NS SECURITY . . . . .	3-15
REPORT EVENT RELATED TO NE/NS SESSION . . . . .	3-19
ACTIVATE-USER (SESSION) . . . . .	3-23
ALLOW-LOG-SECURITY . . . . .	3-25
ALLOW-MESSAGE-SEC& : : : . . . . .	3-27
ALLOW-USER-SECURITY . . . . .	3-29
CANCEL-CID-SECU (SESSION) . . . . .	3 - 3 1
CANCEL-USER (SESSION) . . . . .	3-33
CANCEL-USER-SECURITY (SESSION) . . . . .	3-35
DELETE-CHANNEL IDENTIFIER-SECURITY . . . . .	3-37
DELETE-COMMAND-SECURITY . . . . .	3-39
DELETE-RESOURCE-SECURITY . . . . .	3-41
DELETE-SECURITY . . . . .	3-43
DELETE-USER-SECURITY . . . . .	3-45
EDIT-CHANNEL IDENTIFIER-SECURITY . . . . .	3-47
EDIT-COMMAND-SECURITY . . . . .	3-49

---

EDIT-PID . . . . .	3-51
EDIT-RESOURCE-SECURITY . . . . .	3-53
EDIT-SECURITY . . . . .	3-55
EDIT-USER-SECURITY . . . . .	3-59
ENTER-CHANNEL IDENTIFIER-SECURITY . . . . .	3-61
ENTER-COMMAND-SECURITY . . . . .	3-63
ENTER-RESOURCE-SECURITY . . . . .	3-65
ENTER-SECURITY . . . . .	3-67
ENTER-USER-SECURITY . . . . .	3-71
INHIBIT LOG SECURITY . . . . .	3-73
INHIBIT-MESSAGE-SECURITY . . . . .	3-75
INHIBIT-USER-SECURITY . . . . .	3-77
RETRIEVE-ALARM-SECURITY . . . . .	3-79
RETRIEVE-ATTRIBUTE-SECURITY LOG . . . . .	3-81
RETRIEVE-AUDIT-SECURITY LOG . . . . .	3-83
RETRIEVE-CHANNEL IDENTIFIER . . . . .	3-85
RETRIEVE-SECURITY-CHANNEL IDENTIFIER . . . . .	3-87
RETRIEVE-COMMAND-SECURITY . . . . .	3-89
RETRIEVE-DEFAULT-SECURITY . . . . .	3-91
RETRIEVE-RESOURCE-SECURITY . . . . .	3-93
RETRIEVE-SECURITY . . . . .	3-95
RETRIEVE-STATUS . . . . .	3-99
RETRIEVE-USER . . . . .	3-101
RETRIEVE-USER-SECURITY . . . . .	3-103
SET-ATTRIBUTE-SECURITY ALARM . . . . .	3-105
SET-ATTRIBUTE-SECURITY DEFAULT . . . . .	3-107
SET-ATTRIBUTE-SECURITY LOG . . . . .	3-109
Appendix A: Error Codes . . . . .	Appendix A-1
Appendix B: Security Views and Data Dictionaries . . . . .	Appendix B-1
R e f e r e n c e s . . . . .	References- 1
Glossary . . . . .	Glossary-1

---

