

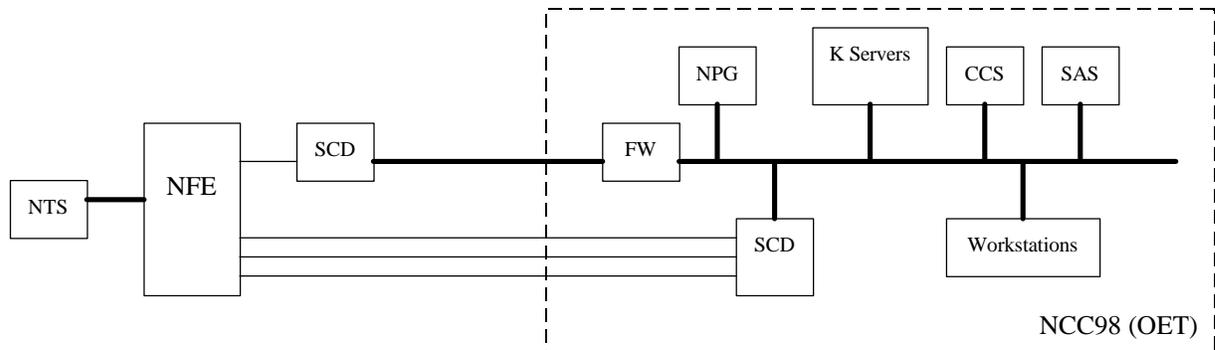
Title: DataBase Ancillary Activities

Objectives:

- Verify ability to Administer Passwords on NCC98 Data Systems
 - ⇒ SPSR
 - ⇒ CCS
 - ⇒ NPG
 - ⇒ NSM
 - ⇒ ACRS
 - ⇒ FIREWALL
 - ⇒ NCD
- Verify ability to Add, Delete and Modify TDRS Operational Name and Mapping.
- Add, Delete, and Modify SGLT and Resource Availability
- Add, Delete, and Modify a TDRS
- Add, Delete, and Modify a TDRS Set
- Add, Delete, and Modify a TDRS Resource Availability
- Add, Delete, and Modify a TDRS Resource Schedulable Characteristic
- Add, Delete, and Modify a Ground Terminal
- Add, Delete, and Modify MDM Information, User Interface Channels and HDRM Capacities
- Add, Delete, and Modify a MDM Fixed Overhead
- Modify SA Antenna Slew Times
- Add, Delete, and Modify Transmission Controls Parameters
- Mission Priority Control
- Verify transfer of information to the CCS/NPG/ACRS Clients
- Verify ability to use NCD
- Train DBA and fill out skills catalogs and Training Event Reports (TERs)
- Document Verification

Configuration:

System will be configured using NTS as a Network/MOCC Simulator.



Prerequisites: The most current static database has been migrated and backed up .
 Passwords accounts for OET and Operators.

DRAFT

Operator has reviewed NSM/NPG/SPSR/CCS/MMDPS/NCD/ACRS Users Guide.
TDRS* is assigned to an operational SGLT.

Data Source:

N/A

Ops Scenario: (Italicized steps are performed by NSIA, all others are performed by the operator.)

Password Administration

1. *Configure system.*
2. Logon with DBA capability.
3. From the workstation delete a password for an operator with privileges on the following NCC98 Systems:
 - ⇒ SPSR
 - ⇒ CCS
 - ⇒ NSM
 - ⇒ NPG
 - ⇒ NCD
 - ⇒ ACRS
 - ⇒ FIREWALL
 - ⇒ SAS
 - ▯ MMDPS
4. Save the database and verify that the password have been deleted.
5. Add the password from step 4 back into the NCC98 Systems.
6. Save the database and verify that the password has been reinstated into the databases.

Database Activities

7. Logon with DBA capability.
8. Obtain hardcopies of TDRS Operational Names and Mapping
9. Delete TDRS-* and its associated ID.
10. Verify prompts are valid from the operator action.
11. Verify that the TDRS-* is not in the database.
12. Add TDRS-* and ID back into the databases.
13. Verify prompts are valid from the operator actions.
14. Verify that the TDRS-* is in the database.
15. Delete a SGLT from the list.
16. Verify prompts are valid from the operator actions
17. Add a SGLT into the database and assign SGLT resource availabilities for the SGLT.
18. Verify the new SGLT is in the database.
19. Modify the new SGLT.
20. Verify the modified SGLT changes are in the database.
21. Add a TDRS and desired TDRS resources and operational mapping to the new TDRS.
22. Modify the new TDRS.
23. Verify the modified TDRS changes are in database.

24. Delete the modified TDRS.
25. Verify that TDRS has been deleted.
26. Create a new TDRS Set.
27. Verify that the new TDRS Set is in the database.
28. Modify the new TDRS Set.
29. Verify the modifications are in the database.
30. Remove a member from the modified TDRS Set.
31. Verify the selected member has been removed.
32. Delete the modified TDRS Set.
33. Verify that the TDRS Set has been deleted.
34. Add a Ground Terminal.
35. Verify that the new Ground Terminal is in the database.
36. Modify the new Ground Terminal.
37. Verify the modifications are in the database.
38. Delete the modified Ground Terminal.
39. Verify Ground Terminal is deleted.
40. Add a MDM
41. Verify that a new MDM is in the database.
42. Modify the new MDM.
43. Verify the modifications are in the database.
44. Delete the modified MDM.
45. Verify that the MDM has been deleted.
46. Add a MDM Fixed Overhead.
47. Verify that a new MDM Fixed Overhead is in the database.
48. Modify the new MDM Fixed Overhead.
49. Verify the modifications are in the database.
50. Delete the modified MDM Fixed Overhead.
51. Verify that the MDM Fixed Overhead has been deleted.
52. Add a HDRM .
53. Verify that a new HDRM is in the database.
54. Modify the new HDRM.
55. Verify the modifications are in the database.
56. Delete the modified HDRM.
57. Verify that the HDRM has been deleted.
58. Add a User Interface Channel (UIFC).
59. Verify that a new UIFC is in the database.
60. Modify the new UIFC.
61. Verify the modifications are in the database.
62. Delete the modified UIFC.
63. Verify that the UIFC has been deleted.
64. Obtain hardcopies of the current NASA Mission Scheduling Priority List.
65. Create two new lists.
66. Rearrange the lists.
67. Verify that the rearrange lists are in the database.
68. Delete the two new lists.
69. Modify the original Mission Priority List.
70. Verify the modifications are in the database.
71. Restore the original list to the default and select the list to be current.
72. Add a new sic to the list and all related information for the customer.
73. Review the list and verify the new customer is present.
74. Modify the Transmission Control Parameters.
75. *Transmit a schedule to a ground terminal to verify modifications have occurred.*
76. Modify the SA Antenna Slew Time
77. Verify the modification are in the database.

