ECS Configuration Change Request

1. Originator	2. Log Date:	3. CCR #:	4. Rev:	5. Tel:	6. Rm #:	7. Dept.
Evan Winston	02/02/01	01-0106	-	301.925.0348	2013	DEV/CO

8. CCR Title: Test Executable 5B.06_SDSRV.07 to all sites. Provides BROWSE_ONLY inventory search and SDSRV needs to be bounced to reset order. Provide to all DAACs, VATC and PVC. Must be installed with 5B.06_DMS.07

9. Originator Signature/Date	10. Class	11. Type:	12. Need Date: 2FEB2001
E S Winston 2/1/01	II	CCR	

13. Office Manager Signature/Date	14. Category of Change:	15. Priority: (If "Emergency" fill in Block 28).
E S Winston for Tim Ostrio 2/1/01	Update ECS Baseline Doc.	Emergency

16. Documentation/Drawings Impacted:	17. Schedule Impact:	18. CI(s) Affected:
N/A	N/A	SDSRV

19. Release Affected by this Change:	20. Date due to Customer:	21. Estimated Cost:
5B		None - Under 100K

22. Source Reference: ☒NCR (attach) ☐Action Item ☐Tech Ref. ☐GSFC ☐Other:
29505, 29305, 27440.

23. Problem: (use additional Sheets if necessary)
Fixes for the listed NCRs requested by EDC, and NISDC. Others listed starting at the top of the next page.
ECSed29505 BROWSE_ONLY inventory search by addition of a row to DsMdAttributeTableXref for browseId from DsMdBrowseGranuleXref.
Includes DB Patch # 58,75 and changes to:
/ecs/formal/DSS/sdsrv/sybase/db/data/DsDbGenSystemData.sql
/ecs/formal/DSS/sdsrv/sybase/db/data/DsDbGenWrapCommands.sql

24. Proposed Solution: (use additional sheets if necessary)
Test Executable 5B.06_SDSRV.07 will provide fixes to the NCRs listed above.
TE can be loaded on top of SDSRV installations of 5B.06 and replaces TEs 5B.06_SDSRV.06:

25. Alternate Solution: (use additional sheets if necessary)
Take no action now and wait until 5B.07 is available at the DAACs.

26. Consequences if Change(s) are not approved: (use additional sheets if necessary)
DAACs must continue to work around the problems and/or modify operating procedures.

27. Justification for Emergency (If Block 15 is "Emergency"):
Resolves DAAC operational problems and several of the NCRs are on the priority list..

28. Site(s) Affected: ☐EDF ☒PVC ☒VATC ☒EDC ☒GSFC ☒LaRC ☒NSIDC ☒SMC ☐AK ☐JPL ☐EOC ☐IDG Test Cell ☐Other

29. Board Comments:	30. Work Assigned To:	31. CCR Closed Date:

32. EDF/SCDV CCB Chair (Sign/Date): 2/2/01	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS
33. M&O CCB Chair (Sign/Date): 2/2/01	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS
34. ECS CCB Chair (Sign/Date):	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS

ADDITIONAL SHEET

CCR #: 01-0106 **Rev:** _ **Originator:** Evan Winston

Telephone: 301.925.0348 **Office:** DEV/CO

Title of Change: Test Executable 5B.06_SDSRV.07 to all sites. Provides BROWSE_ONLY inventory search and SDSRV needs to be bounced to reset order. Provide to all DAACs, VATC and PVC.

ECSed29505 BROWSE_ONLY inventory search. by addition of a row to DsMdAttributeTableXref for browseId from DsMdBrowseGranuleXref.
Includes DB Patch # 58,75 and changes to:
/ecs/formal/DSS/sdsrv/sybase/db/data/DsDbGenSystemData.sql
/ecs/formal/DSS/sdsrv/sybase/db/data/DsDbGenWrapCommands.sql

ECSed29305 SDSRV needs to be bounced to reset failed requests
Includes changes to:
Sr library and
EcDsScienceDataServer binary

ECSed27440
1. Modify the function DsClESDTReferenceVector::~DsClESDTReferenceVector to delete the pointer "myTypeInfo".
2. Modify the function EcDssdsrvTest::main to delete both the pointers ecsClient and ESDTRefCol.

/ecs/formal/DSS/sdsrv/src/cl/DsClESDTReferenceVector.cxx
/ecs/formal/DSS/sdsrv/src/testapps/EcDsSdsrvTest.cxx

CONTENTS:
CM: PLEASE, build Sun TAR file(s) for the listed files from current 5B baseline and provide to the SMC.

all files in the following packages:
.EcDsSdSDSRV.pkg
.EcDsSdOPSWS.pkg

and all the files in the following directory:
/ecs/formal/ESDT/lib/sun5.5 (all the DLLs)

and these two files:
/ecs/formal/ESDT/sybase/db/data/DsDbSODictionaryData.sql
/ecs/formal/ESDT/sybase/db/data/EcDsSrDbValids

SMC: Receive the TAR file and make available to the DAACs, PVC and VATC.

DAAC Install Instructions:
TE can be loaded on top of SDSRV installations of 5B.06. This replaces all other 5B.06 TEs for SDSRV (5B.06_SDSRV.03, .04, .05 and .06)!!
NOTE other sites may still have need for SDSRV.03 and .04 or .05 if they decide not to use this .07!!!!!

1. Get TAR Files from SMC distribution;

2. UNTAR the files and copy to the staging area.

3. Modify the file permissions as specified below.
   cd /<distribution_directory>/<stage_directory>/SUN/CUSTOM/dbms

01-0106

chmod 0744 DSS/DsDbSybaseLogins

4. Perform the following copy commands in preparation for installing new valids

cp /<distribution_directory>/<stage_directory>/SUN/CUSTOM/utilities/EcDsDrDbValids /usr/ecs/<mode>/CUSTOM/utilities/

cp /<distribution_directory>/<stage_directory>/SUN/CUSTOM/dbms/DSS/DsDbSODictionaryData.sql file /usr/ecs/<mode>/CUSTOM/dbms/DSS/

5. As the cm<MODE> user, perform the following:
   Go to the directory where the ESDT DLLS are maintained
   cd /usr/ecs/<MODE>/CUSTOM/lib/ESS
   cp /<distribution_directory>/<stage_directory>/SUN/CUSTOM/temp/DSS .

6. As the cmshared/allmode user, perform the following
   cd /usr/ecs/<MODE>/CUSTOM/lib/ESS
   cp *ESDT*.so /usr/ecs/<MODE>/CUSTOM/lib/DSS

7. On the SDSRV host use the ECS Assistant SubSystem Manager to perform the installation of the SDSRV package

8. Use the ECS Assistant to run up to and including the database patch 5.8.75

9. Install the SDSRV Valids from the ECS Subsystem Manager. Must have DBO privilege to perform this task.
   a. Click Database
   b. Select DBValids
   c. Select .dbparms
   d. Click OK on the EcDsSrDbValids screen
   e. Enter SDSRV DB access values as prompted

10. Review the Registry Database for SDSRV and ensure it contains the following parameters.
    SDSRV_NOTIFIERQ_DATARETENTIONHOURS with a values of 48
    SDSRV_NOTIFIERQ_CLEANUPINTERVALSECS with a values of 3600
    SDSRV_REQUEST_CLEANUPINTERVALSECS with a value of 3600
    SDSRV_REQUEST_DATARETENTIONHOURS with a value of 48

If the Registry does NOT contain these parameters, use the ECS Assistant SubSystem Manager to apply the SDSRV .rgypatch Must have DBO privilege to perform this task.

a. Select Tools from the top line Menu
b. Select Registry Data Patch
c. Enter the Registry DB access parameters as prompted. Ensure that the <RETURN> key is pressed after entering the value for Registry DB Name. Click the down arrow to select the appropriate Registry Tree to Patch. Click the "Select Patch File" button to enter the path whtere the .rgypatch is located.
   /usr/ecs/<MODE>/CUSTOM/.installed/DSS/sdsrv/.rgypatch

Ensure both the Registry and SDSRV are re-started.

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