

CA Disk Backup and Restore 12.5
CA RS 1410 Service List

Release	Service	Description	Type
12.5	RO72291	RECOVER VOLUMES USING THE VTOC	*HIP/PRP*
	RO73905	ADD NEW SORT FIELD AND EXIT FOR MERGE	PTF
The CA RS 1410 service count for this release is 2			

CA Disk Backup and Restore
CA RS 1410 Service List for CCUWC50

FMID	Service	Description	Type
CCUWC50	RO72291	RECOVER VOLUMES USING THE VTOC	*HIP/PRP*
	RO73905	ADD NEW SORT FIELD AND EXIT FOR MERGE	PTF
The CA RS 1410 service count for this FMID is 2			

CA Disk Backup and Restore 12.5
CA RS 1410 - PTF RO72291 Details

Release	Service	Details
12.5	RO72291	<p>RO72291 M.C.S. ENTRIES = ++PTF (RO72291)</p> <p>RECOVER VOLUMES USING THE VTOC</p> <p>PROBLEM DESCRIPTION:</p> <ol style="list-style-type: none"> RECOVER using SELECT=VTOCS with VBRCHCAT set to Y and VBRIVSAM set to Y does end with RC4 and does not restore a dataset as expected. VTOC backups do not contain records for data sets in EAS on EAV volumes with VBRIVSAM set to Y. <p>SYMPTOMS:</p> <ol style="list-style-type: none"> The following CA Disk message may be issued: ADSST601 3820 NO DSNINDEX RECORDS WERE SELECTED FOR PROCESSING. The following message from MSGPRINT is issued ADSDM326 9999 VVDS/VTOC RETURN= 8,REASON= 4,SUBCODE=0456008B <p>IMPACT:</p> <ol style="list-style-type: none"> The data set is not restored. Data sets missing after a VTOC based recovery. Valid backups may exist, but were not selected for the VTOC based recovery. <p>CIRCUMVENTION:</p> <ol style="list-style-type: none"> VBRCHCAT set to N Do not use VTOC based recovery for EAV volumes. <p>PRODUCT(S) AFFECTED:</p> <p>CA Disk Backup and Restore Release 12.5</p> <p>Star Problem(s):</p> <p>DISKOS 12325</p> <p>Copyright (C) 2014 CA. All rights reserved. R00003-CUW125-SP1</p> <p>DESC(RECOVER VOLUMES USING THE VTOC). ++VER (Z038) FMID (CCUWC50) PRE (RO21408 RO69420) SUP (TR72291 DR63640) ++HOLD (RO72291) SYSTEM FMID(CCUWC50) REASON (DOC) DATE (14253) COMMENT (</p> <pre> +-----+ CA Disk Backup and Restore Release 12.5 +-----+ ***** * PUBLICATION * ***** Systems Guide Chapter 6 SYSPARMS Replace VBRCHCAT VBRCHCATn Valid for ARCHIVE, BACKUP, BACKUPCC, and RECOVER The default of value of this sysparm is N, which allows the most current version of a data set to be recovered regardless of its catalog status. When this sysparm is specified with the value Y, CA Disk checks the catalog status of the data set at VTOC-image backup time and if uncataloged, will use the DSNINDEX version that has the same volser as the VTOC being recovered. Note: Requesting catalog information at VTOC image backup time incurs significant overhead. If you have an environment in which uncataloged data sets exist, specifying Y is a good option. While it sacrifices performance, it ensures accuracy. Replace VBRIVSAM VBRIVSAMn Valid for RECOVER By default, the CA Disk VTOC parameter on the SELECT command only processes non-VSAM data sets. This sysparm activates support to include VSAM clusters as well. The default value of N excludes VTOC based VSAM recovery. With this sysparm specified with a value of Y, VSAM is eligible during VTOC based recovery. VTOC base recovery has the following limitations: - Data and Index components for AIX clusters do not invoke a restore </pre>

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Release	Service	Details
		- Clusters that do invoke a restore must have their associated catalog available, or the restore does not take place - Recovery of sub-allocated VSAM is not supported)

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CA RS 1410 - PTF RO73905 Details

Release	Service	Details
12.5	RO73905	<p>RO73905 M.C.S. ENTRIES = ++PTF (RO73905)</p> <p>ADD NEW SORT FIELD AND EXIT FOR MERGE</p> <p>PROBLEM DESCRIPTION: This enhancement provides a new sort value of U for MERGSORT. The new value can be specified to invoke a custom user sort. When specified, the custom sort defaults to using the TAPEPULL sequence for sorting. If a different sort is desired, the new user exit MERGUSEX must be used to fill in the custom user sort field.</p> <p>SYMPTOMS: N/A</p> <p>IMPACT: N/A</p> <p>CIRCUMVENTION: N/A</p> <p>DISTRIBUTION CODE: A</p> <p>ENHANCEMENT DESCRIPTION: PRODUCT(S) AFFECTED: CA Disk Backup and Restore Release: 12.5 RELATED PROBLEM(S): 12290 Star Problem(s): DISKOS 12290 Copyright (C) 2014 CA. All rights reserved. R00025-CUW125-SP1</p> <p>DESC(ADD NEW SORT FIELD AND EXIT FOR MERGE). ++VER (Z038) FMID (CCUWC50) PRE (RO37466 RO63713 RO66948 RO70859) SUP (RO24379 TR72882 TR73905) ++HOLD (RO73905) SYSTEM FMID(CCUWC50) REASON (DOC) DATE (14268) COMMENT (</p> <pre> +-----+ CA Disk Backup and Restore Release 12.5 +-----+ ***** * PUBLICATION * ***** USER GUIDE Update "Processing Logic" in Merge chapter Processing Logic By default, the archive data sets are sorted in alphanumeric order based on the volume serials, but the sysparm MERGSORT can be modified to sort the data sets by least space used or custom user sort. All of the various input selection tests are applied to determine which archive volumes (tapes or disk archive data sets) are to be processed. Systems Guide Replace MERGSORT MERGSORTv Valid for MERGE By default, Merge processes the ARCHVOLs in alphanumeric order based on the volume serials. Setting this sysparm with a value of S forces Merge to process the ARCHVOLs according to least space used rather than alphanumeric order. For cartridges, the least space used is based on capacity. For disk devices, the least space used is based on the original archive data set allocation minus expired data sets. When MERGSORT is set to U, the 10 byte user sort field is used to sort the selected volumes for processing. If using TAPEPULL processing, the first 4 bytes are the sequence number of the volume found in the list. See MERGUSEX for more information but the exit is not required to sort the selected volumes in the sequence provided by TAPEPULL. Add to User Exists section MERGUSEX-Merge sort field user exit Valid for MERGE </pre>

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		<p>The module name supplied for this exit will receive control from the CA Disk MERGE function after an ARCHVOLS record has been selected for processing. If a multivolume ARCHVOLS entry was selected, only the first ARCHVOLS key in the chain is passed to this exit. When using the TAPEPULL processing with GEN, the first 4 bytes of the User sort field are sequence number from the TAPEPULL list.</p> <p>No return code is accepted by this exit. The MERGE process cannot be altered.</p> <p>Use sysparm MERGUSEX to specify the module name to be invoked for this exit.</p> <p>The following table lists parameters passed to MERGUSEX</p> <pre> +-----+-----+-----+ TYPE SIZE DESCRIPTION +-----+-----+-----+ INPUT CL6 PRIMARY ARCHVOL KEY +-----+-----+-----+ INPUT CL6 COPY ARCHVOL KEY IF ANY +-----+-----+-----+ INPUT PL2 PERCENT USED ON VOLUME +-----+-----+-----+ IN/OUT XL10 USER SORT FIELD: WHERE THE FIRST 4 BYTES WILL BE THE TAPEPULL SEQUENCE NUMBER. +-----+-----+-----+ </pre> <p>).</p>