

CA MIM Resource Sharing 12.0  
CA RS 1408 Service List

Release	Service	Description	Type
12.0	RO70663	XES LOCKOUT DETECTION	PTF
	RO71585	SINGLE SYSTEM ASSIGN AFTER MIA VARY ONLINE	PTF
	RO71721	U0051 RSN 20 OR U3999 WHEN SYSTEMS JOIN MIMPLEX	**HIPER**
	RO71774	3 MINUTE DELAY AFTER SYNTAX ERRORS IN MIMPARMS	PTF
	RO72090	MIMAPI PRESENTS INVALID DEVICE TYPE '????'	PTF
	RO72123	UNPREDICTABLE PROBLEMS WITH CTCDASD	**HIPER**
	RO72188	FALSE GLOBAL ENQ CONTENTION	PTF
The CA RS 1408 service count for this release is 7			

CA MIM Resource Sharing 11.9  
CA RS 1408 Service List

Release	Service	Description	Type
11.9	RO69650	LARGE GLOBAL COPIES INCORRECTLY INITIATE VCF RECOVERY	**HIPER**
	RO71790	ADDLOG FAILS DURING EARLY START	PTF
	RO72174	FALSE GLOBAL ENQ CONTENTION	PTF
The CA RS 1408 service count for this release is 3			

CA MIM Resource Sharing 11.8  
CA RS 1408 Service List

Release	Service	Description	Type
11.8	NO-SRVC	CA RS 1408 Contains No Service For This Release of This Product.	PTF
The CA RS 1408 service count for this release is 0			

CA MIM Resource Sharing  
CA RS 1408 Service List for CBTDB90

FMID	Service	Description	Type
CBTDB90	RO69650	LARGE GLOBAL COPIES INCORRECTLY INITIATE VCF RECOVERY	**HIPER**
	RO71790	ADDLOG FAILS DURING EARLY START	PTF
	RO72174	FALSE GLOBAL ENQ CONTENTION	PTF
The CA RS 1408 service count for this FMID is 3			

CA MIM Resource Sharing  
CA RS 1408 Service List for CBTDC00

FMID	Service	Description	Type
CBTDC00	RO70663	XES LOCKOUT DETECTION	PTF
	RO71585	SINGLE SYSTEM ASSIGN AFTER MIA VARY ONLINE	PTF
	RO71721	U0051 RSN 20 OR U3999 WHEN SYSTEMS JOIN MIMPLEX	**HIPER**
	RO71774	3 MINUTE DELAY AFTER SYNTAX ERRORS IN MIMPARMS	PTF
	RO72090	MIMAPI PRESENTS INVALID DEVICE TYPE '????'	PTF
	RO72123	UNPREDICTABLE PROBLEMS WITH CTCDASD	**HIPER**
	RO72188	FALSE GLOBAL ENQ CONTENTION	PTF
The CA RS 1408 service count for this FMID is 7			

CA MIM Resource Sharing 12.0  
 CA RS 1408 - PTF RO70663 Details

Release	Service	Details
12.0	RO70663	<pre> RO70663  M.C.S. ENTRIES  = ++PTF (RO70663)  XES LOCKOUT DETECTION ENHANCEMENT DESCRIPTION: This enhancement adds the owning system name to the MIM0100A WTOR. This message may be issued when one system owns the MIM XES list structure control file lock for more than SET MIM LOCKOUT= seconds. Prior to this enhancement, the message was: rrrr MIM0100A File nn - possible lockout strname cfname The message is being changed to: rrrr MIM0100A File nn - possible lockout strname held by sysname The MIM0100A text is not changed if a DASD control file is used. PRODUCT(S) AFFECTED: CA MULTI-IMAGE MANAGER                                     Release 12.0 Star Problem(s): MIM      256 Copyright (C) 2014 CA. All rights reserved. R00050-BTD120-SP1  DESC(XES LOCKOUT DETECTION). ++VER (Z038) FMID (CBTDC00) PRE ( RO65914 ) SUP ( TR70663 ) ++HOLD (RO70663) SYSTEM FMID(CBTDC00) REASON (DOC      )   DATE (14204) COMMENT ( +-----+        CA MULTI-IMAGE MANAGER                               Release 12.0        +-----+ ***** *          PUBLICATION          * *****  The text of the MIM0100A is being changed if CA MIM is currently using XES list structures. The new message text is: MIM0100A File nn - possible lockout strname held by sysname Automation rules may need to be modified. The message text is not changed if a DASD control file is used. ).</pre>

CA MIM Resource Sharing 12.0  
 CA RS 1408 - PTF RO71585 Details

Release	Service	Details
12.0	RO71585	<p>RO71585 M.C.S. ENTRIES = ++PTF (RO71585)</p> <p>SINGLE SYSTEM ASSIGN AFTER MIA VARY ONLINE</p> <p>PROBLEM DESCRIPTION:</p> <p>When CA MIA has been initialized with GTAINIT ASSIGN=ASIS, VARY ONLINE commands prefixed with the MIA CMDPREFIX will result in a single system ASSIGN. This may prevent an MIA managed Tape Device from being brought ONLINE to multiple systems simultaneously due to an IEE791I dddd VARY REJECTED - ASSIGNED TO ANOTHER SYSTEM error.</p> <p>This problem can ONLY occur when GTAINIT ASSIGN=ASIS is specified in MIMINIT. GTAINIT ASSIGN=MULTISYSTEM and GTAINIT ASSIGN=NOASSIGN implementations are unaffected by this problem.</p> <p>SYMPTOMS:</p> <p>An IEE791I dddd VARY REJECTED - ASSIGNED TO ANOTHER SYSTEM error message is issued after a VARY ONLINE command prefixed by the MIA CMDPREFIX has been entered.</p> <p>IMPACT:</p> <p>Insufficient ONLINE devices may result in Allocation Recovery and the potential for missed Service Level Agreements.</p> <p>CIRCUMVENTION:</p> <p>Specify GTAINIT ASSIGN=MULTISYSTEM in the MIMINIT member of the CA MIA parmlib and globally recycle the CA MIA address space - or - reissue the failed MIA VARY command(s) as a z/OS VARY ONLINE commands in the format:</p> <p>'VARY dddd,ONLINE,SHR' .</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA MULTI-IMAGE MANAGER <span style="float: right;">Release 12.0</span></p> <p>Star Problem(s):</p> <p>MIA 141</p> <p>Copyright (C) 2014 CA. All rights reserved. R00059-BTD120-SP1</p> <p>DESC(SINGLE SYSTEM ASSIGN AFTER MIA VARY ONLINE).</p> <p>++VER (Z038)</p> <p>FMID (CBTDC00)</p> <p>SUP ( TR71585 )</p>

CA MIM Resource Sharing 12.0  
 CA RS 1408 - PTF RO71721 Details

Release	Service	Details
12.0	RO71721	<p>RO71721 M.C.S. ENTRIES = ++PTF (RO71721)</p> <p>U0051 RSN 20 OR U3999 WHEN SYSTEMS JOIN MIMPLEX</p> <p>PROBLEM DESCRIPTION:</p> <p>When CA MIM is initializing, it is possible for a U0051 RSN x'20' abend to occur. MIMPLEX's with a large number systems (greater than 10) are more susceptible to this abend. The abend is also more likely to occur when CA MIM is running COMMUNICATION=XCF. Issuing a large number of FREE commands may also result in this abend.</p> <p>When new systems join the MIMPLEX, it is possible for the existing systems to experience a U3999 RSN x'58' abend if running with zIIP offloading turned on.</p> <p>SYMPTOMS:</p> <p>CA MIM may experience a U0051 RSN x'20' abend during initialization.          CA MIM may experience a U3999 RSN x'58' abend in the MIMDRVFD task when other systems join the MIMPLEX.</p> <p>IMPACT:</p> <p>CA MIM may terminate after experiencing the abends.</p> <p>CIRCUMVENTION:</p> <p>There is no circumvention for the U0051 RSN x'20' abend.          Perform SETOPT ZIIP=NO to turn zIIP offloading off to avoid the U3999 RSN x'58' abend.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA MULTI-IMAGE MANAGER <span style="float: right;">Release 12.0</span></p> <p>Star Problem(s):</p> <p>MIM 258</p> <p>Copyright (C) 2014 CA. All rights reserved. R00060-BTD120-SP1</p> <p>DESC(U0051 RSN 20 OR U3999 WHEN SYSTEMS JOIN MIMPLEX).          ++VER (Z038)          FMID (CBTDC00)          PRE ( RO62636 RO63755 RO64040 RO64150 RO64609 RO66743          RO67349 RO67396 RO67596 RO68103 RO69543 RO70669 )          SUP ( AR68668 AR68794 AR70669 RO68624 RO68668 RO68794          RO69456 RO71072 TR68624 TR68668 TR68794 TR69456          TR71072 TR71234 TR71721 )</p>



CA MIM Resource Sharing 12.0  
 CA RS 1408 - PTF RO71774 Details

Release	Service	Details
12.0	RO71774	<p>RO71774 M.C.S. ENTRIES = ++PTF (RO71774)</p> <p>3 MINUTE DELAY AFTER SYNTAX ERRORS IN MIMPARMS</p> <p>PROBLEM DESCRIPTION:            During CA MIM initialization, if an ABEND occurs BEFORE product synchronization, MIM messages identifying or related to the ABEND are not issued for a period of 3 minutes.</p> <p>SYMPTOMS:            MIM messages identifying or related to a pre-synchronization ABEND are not issued until three minutes after the problem event.</p> <p>IMPACT:            The 3 minute delay occurring between a CA MIM pre-synchronization ABEND event and the issuing of messages related to it may cause confusion for Operations.</p> <p>CIRCUMVENTION:            n/a</p> <p>PRODUCT(S) AFFECTED:            CA MULTI-IMAGE MANAGER <span style="float: right;">Release 12.0</span></p> <p>Star Problem(s):            MIM 261</p> <p>Copyright (C) 2014 CA. All rights reserved. R00061-BTD120-SP1</p> <p>DESC(3 MINUTE DELAY AFTER SYNTAX ERRORS IN MIMPARMS).            ++VER (Z038)            FMID (CBTDC00)            PRE ( R064040 R067396 R068103 )            SUP ( R068370 RO71157 TR68370 TR71157 TR71774 )</p>

CA MIM Resource Sharing 12.0  
 CA RS 1408 - PTF RO72090 Details

Release	Service	Details
12.0	RO72090	<p>RO72090 M.C.S. ENTRIES = ++PTF (RO72090)</p> <p>MIMAPI PRESENTS INVALID DEVICE TYPE '????'</p> <p>PROBLEM DESCRIPTION:            The MIM Application Programming Interface (MIMAPI) returns an invalid value in the TYPE field on the API1PNL2 display. The invalid device type appears in the API1PNL2 display as '????'. This value should be a valid device type for device class Tape. This is a display only issue and does not affect MIA Global Tape Serialization.</p> <p>SYMPTOMS:            The MIMAPI API1PNL2 TYPE column displays an incorrect value of '????'.</p> <p>IMPACT:            Confusion regarding the Device Type of a particular tape device can occur as a result of this display issue.</p> <p>CIRCUMVENTION:            There is no circumvention for this MIMAPI display anomaly.</p> <p>PRODUCT(S) AFFECTED:            CA MULTI-IMAGE MANAGER <span style="float: right;">Release 12.0</span></p> <p>Star Problem(s):            MIA 142</p> <p>Copyright (C) 2014 CA. All rights reserved. R00062-BTD120-SP1</p> <p>DESC(MIMAPI PRESENTS INVALID DEVICE TYPE '????').            ++VER (Z038)            FMID (CBTDC00)            PRE ( R066992 R068103 )            SUP ( RO71585 TR71585 TR72090 )</p>

CA MIM Resource Sharing 12.0  
CA RS 1408 - PTF RO72123 Details

Release	Service	Details
12.0	RO72123	<p>RO72123 M.C.S. ENTRIES = ++PTF (RO72123)</p> <p>UNPREDICTABLE PROBLEMS WITH CTCDASD</p> <p>PROBLEM DESCRIPTION:</p> <p>Unpredictable problems can occur at R12.0 after a FREE command is issued in a COMMUNICATION=CTCDASD, COMPATLEVEL=12.0 environment. The problem can only occur if the FREE command is issued while MIM is performing "CTC Handshaking" during MIM R12.0 initialization.</p> <p>SYMPTOMS:</p> <ol style="list-style-type: none"> <li>1) U0322 RC=1 abend</li> <li>2) U0095 RC=94 abend</li> <li>3) U0095 RC=505 abend</li> <li>4) The DISPLAY SYSTEMS command may show an incorrect STATUS. For example, a system that has been STARTED will not show as STARTED. Or, MIM may display a status of NOPATH to a system that has valid paths.</li> <li>5) The MIMPLEX may hang and a DISPLAY SYSTEMS command may show systems with a status of AWAKENING.</li> </ol> <p>IMPACT:</p> <p>Integrity exposures may occur if CA MIM terminates due to one of the abends.</p> <p>Global ENQ activity will be suspended if the systems stay in an AWAKENING STATUS.</p> <p>CIRCUMVENTION:</p> <p>These problems can only occur with COMPATLEVEL=12.0. If the MIMPLEX is currently running at a lower level, avoid changing to 12.0 until this ++PTF is applied.</p> <p>PRODUCT(S) AFFECTED: CA MULTI-IMAGE MANAGER <span style="float: right;">Release 12.0</span></p> <p>Star Problem(s): MIM 260</p> <p>Copyright (C) 2014 CA. All rights reserved. R00063-BTD120-SP1</p> <p>DESC(UNPREDICTABLE PROBLEMS WITH CTCDASD). ++VER (Z038) FMID (CBTDC00) PRE ( R062636 R063073 R064040 R064150 R066743 R067349 R067396 R067596 R068103 R070669 R071721 ) SUP ( AR70669 R066966 R068624 R071072 TR66966 TR68624 TR71072 TR72123 )</p>

CA MIM Resource Sharing 12.0  
 CA RS 1408 - PTF RO72188 Details

Release	Service	Details
12.0	RO72188	<p>RO72188 M.C.S. ENTRIES = ++PTF (RO72188)</p> <p>FALSE GLOBAL ENQ CONTENTION</p> <p>PROBLEM DESCRIPTION:</p> <p>CA MII may not purge one of its ENQ control blocks, resulting in false global ENQ contention.</p> <p>The issue can occur when a QNAME is being added to the qname list automatically, due to running in ALLSYSTEMS mode.</p> <p>SYMPTOMS:</p> <p>A DISPLAY CONFLICT command may show the following:</p> <p>SYSA:</p> <pre>MIM0067I Command DISPLAY 698 MIM1028I CONFLICT display QNAME      RNAME                                Requestor      Type SYSZVARY  CPU                                  S=SYSB        HOLDS EXCL J=*MASTER*  WAITS EXCL</pre> <p>SYSB:</p> <pre>MIM0067I Command DISPLAY 350 MIM1028I CONFLICT display QNAME      RNAME                                Requestor      Type SYSZVARY  CPU                                  S=SYSA        WAITS EXCL</pre> <p>In this example, the orphaned MIM enq control block was on SYSB. There should always be a local holder, but the display only shows an external waiter.</p> <p>In the observed case the qname/rname was SYSZVARY/CPU but the issue could happen with any qname/rname.</p> <p>IMPACT:</p> <p>The impact depends on which resources are involved. The contention will resolve itself sometime after midnight when CA MII compares its ENQ control blocks to GRS, and if there is a mismatch, it will purge the "orphaned" MIM ENQ control block.</p> <p>CIRCUMVENTION:</p> <p>None. The false contention can be resolved with the DUMP REPAIRQ command.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA MULTI-IMAGE MANAGER <span style="float: right;">Release 11.9</span>      CA MULTI-IMAGE MANAGER <span style="float: right;">Release 12.0</span></p> <p>Star Problem(s):      MII 219</p> <p>Copyright (C) 2014 CA. All rights reserved. R00064-BTD120-SP1</p> <p>DESC(FALSE GLOBAL ENQ CONTENTION).      ++VER (Z038)      FMID (CBTDC00)      SUP ( TR72188 )</p>

CA MIM Resource Sharing 11.9  
 CA RS 1408 - PTF RO69650 Details

Release	Service	Details						
11.9	RO69650	<p>RO69650 M.C.S. ENTRIES = ++PTF (RO69650)</p> <p>LARGE GLOBAL COPIES INCORRECTLY INITIATE VCF RECOVERY</p> <p>PROBLEM DESCRIPTION:</p> <p>When starting CA MIM on multiple systems at the same time using VCF, large global copies may be happening due to outstanding global ENQ activity or tape delays on the systems.</p> <p>Global copies are always provided to any new system joining the MIMPLEX via the control file. They allow the new system to obtain a global picture of the state of managed resources.</p> <p>The exchange of these large global copies could take longer than the VCF recovery initiation timer (SET MIM VCFRECOVERY=nn). In this case, VCF recovery will be disruptive as the normal process of synchronization is interrupted.</p> <p>SYMPTOMS:</p> <p>Depending on system performance and the size of the global copy, synchronization may take longer than the amount of time specified on the SET MIM VCFRECOVERY command. This may cause a VCF recovery event prior to synchronization.</p> <p>IMPACT:</p> <p>Synchronization of CA MIM may be delayed due to unnecessary initiation of VCF recovery. If the global copies are extremely large, this may also result in a fatal U0051 RSN=20 abend in the VCF task and MIM may fail to synchronize. The abend only occurs if CA MIM is using XCF communication.</p> <p>CIRCUMVENTION:</p> <p>Change SET MIM VCFRECOVERY=NONE in the commands member to avoid the VCF recovery event, which will avoid the VCF recovery and possible subsequent U0051 abend.</p> <p>PRODUCT(S) AFFECTED:</p> <table data-bbox="440 1031 1375 1108"> <tr> <td>CA MULTI-IMAGE MANAGER</td> <td>Release 11.8</td> </tr> <tr> <td>CA MULTI-IMAGE MANAGER</td> <td>Release 11.9</td> </tr> <tr> <td>CA MULTI-IMAGE MANAGER</td> <td>Release 12.0</td> </tr> </table> <p>Star Problem(s):</p> <p>MIM 249</p> <p>Copyright (C) 2014 CA. All rights reserved. R00071-BTD119-SP1</p> <p>DESC(LARGE GLOBAL COPIES INCORRECTLY INITIATE VCF RECOVERY).</p> <p>++VER (Z038)</p> <p>FMID (CBTDB90)</p> <p>SUP ( TR69650 )</p>	CA MULTI-IMAGE MANAGER	Release 11.8	CA MULTI-IMAGE MANAGER	Release 11.9	CA MULTI-IMAGE MANAGER	Release 12.0
CA MULTI-IMAGE MANAGER	Release 11.8							
CA MULTI-IMAGE MANAGER	Release 11.9							
CA MULTI-IMAGE MANAGER	Release 12.0							

CA MIM Resource Sharing 11.9  
 CA RS 1408 - PTF RO71790 Details

Release	Service	Details
11.9	RO71790	<p>RO71790 M.C.S. ENTRIES = ++PTF (RO71790)</p> <p>ADDLOG FAILS DURING EARLY START</p> <p>PROBLEM DESCRIPTION:            When starting CA MIM 11.9 or above with the Early start mechanism and an ADDLOG command is in the init, commands, or synch members - it is possible for CA MIM to attempt to OPEN the log before JES2 is active. The OPEN fails and causes the ADDLOG command to fail.</p> <p>SYMPTOMS:            The requested ADDLOG command fails and the following messages are issued:            IEC130I MIMLOG DD STATEMENT MISSING            MIM0067I Command ADDLOG 167            MIM8811E Open error on file SYSOUT CLASS A for MIMLOG            MIM8813E Logging for MIMLOG disabled</p> <p>IMPACT:            The MIMLOG will be directed to the default SYSOUT CLASS A instead of the CLASS specified on the ADDLOG MIMLOG command.</p> <p>CIRCUMVENTION:            Reissue the ADDLOG command after CA MIM synchronizes and JES2 becomes active.</p> <p>PRODUCT(S) AFFECTED:            CA MULTI-IMAGE MANAGER Release 11.9            CA MULTI-IMAGE MANAGER Release 12.0</p> <p>Star Problem(s):            MIM 259</p> <p>Copyright (C) 2014 CA. All rights reserved. R00073-BTD119-SP1</p> <p>DESC(ADDLOG FAILS DURING EARLY START).            ++VER (Z038)            FMID (CBTDB90)            PRE ( RO43645 RO50262 RO58877 )            SUP ( RO44195 RO44521 TR44195 TR44521 TR71790 )</p>

CA MIM Resource Sharing 11.9  
CA RS 1408 - PTF RO72174 Details

Release	Service	Details
11.9	RO72174	<p>RO72174 M.C.S. ENTRIES = ++PTF (RO72174)</p> <p>FALSE GLOBAL ENQ CONTENTION</p> <p>PROBLEM DESCRIPTION:</p> <p>CA MII may not purge one of its ENQ control blocks, resulting in false global ENQ contention.</p> <p>The issue can occur when a QNAME is being added to the qname list automatically, due to running in ALLSYSTEMS mode.</p> <p>SYMPTOMS:</p> <p>A DISPLAY CONFLICT command may show the following:</p> <p>SYSA:</p> <pre>MIM0067I Command DISPLAY 698 MIM1028I CONFLICT display QNAME      RNAME                               Requestor      Type SYSZVARY   CPU                                 S=SYSB        HOLDS EXCL J=*MASTER*  WAITS EXCL</pre> <p>SYSB:</p> <pre>MIM0067I Command DISPLAY 350 MIM1028I CONFLICT display QNAME      RNAME                               Requestor      Type SYSZVARY   CPU                                 S=SYSA        WAITS EXCL</pre> <p>In this example, the orphaned MIM enq control block was on SYSB. There should always be a local holder, but the display only shows an external waiter.</p> <p>In the observed case the qname/rname was SYSZVARY/CPU but the issue could happen with any qname/rname.</p> <p>IMPACT:</p> <p>The impact depends on which resources are involved. The contention will resolve itself sometime after midnight when CA MII compares its ENQ control blocks to GRS, and if there is a mismatch, it will purge the "orphaned" MIM ENQ control block.</p> <p>CIRCUMVENTION:</p> <p>None. The false contention can be resolved with the DUMP REPAIRQ command.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA MULTI-IMAGE MANAGER <span style="float: right;">Release 11.9</span></p> <p>CA MULTI-IMAGE MANAGER <span style="float: right;">Release 12.0</span></p> <p>Star Problem(s):</p> <p>MII 219</p> <p>Copyright (C) 2014 CA. All rights reserved. R00074-BTD119-SP1</p> <p>DESC(FALSE GLOBAL ENQ CONTENTION).</p> <p>++VER (Z038)</p> <p>FMID (CBTDB90)</p> <p>SUP ( TR72174 )</p>