

MIM Resource Sharing 12.5  
CA RS 2204 Service List

Service	Description	Type
LU01493	MIM0355W DURING STARTUP	PTF
LU03454	NON-MANAGED ENQS NOT COUNTED	PTF
LU04830	SHUTDOWN FREE NOT WORKING	PTF
LU05137	IEC999I ERROR MESSAGE DURING MIM SHUTDOWN	PTF
LU05244	MIM CTC I/O DELAY	PTF
The CA RS 2204 service count for this release is 5		

MIM Resource Sharing  
CA RS 2204 Service List for CBTDC50

2

FMID	Service	Description	Type
CBTDC50	LU01493	MIM0355W DURING STARTUP	PTF
	LU03454	NON-MANAGED ENQS NOT COUNTED	PTF
	LU04830	SHUTDOWN FREE NOT WORKING	PTF
	LU05137	IEC999I ERROR MESSAGE DURING MIM SHUTDOWN	PTF
	LU05244	MIM CTC I/O DELAY	PTF
The CA RS 2204 service count for this FMID is 5			

Service	Details																												
LU01493	<p>LU01493 M.C.S. ENTRIES = ++PTF (LU01493)</p> <p>MIM0355W DURING STARTUP</p> <p>PROBLEM DESCRIPTION:</p> <p>A system mask in the MIM control file which represents FREED systems in the MIMPLEX may be incorrect.</p> <p>SYMPTOMS:</p> <p>There are 2 different cases which can occur:</p> <p>Case 1:</p> <p>&gt; MIMINIT COMMUNICATION=XCF/CTONLY</p> <p>&gt; INITIAL=FREED coded on the DEFSYS statement</p> <p>&gt; New checkpoint file(s) were allocated</p> <p>The first system in the MIMPLEX is started with FORMAT=NONE.</p> <p>The following message will be seen in the MIMLOG:</p> <p>MIM0300I Checkpoint File Status 889</p> <p>Id Volser Status Format-Action</p> <p>00 vvvvvv IN-USE Formatted On Error</p> <p>A DISPLAY SYSTEMS command will show systems with a "NOPATH" status:</p> <p>MIM0108I SYSTEMS DISPLAY</p> <table><tr><th>INDEX</th><th>ALIAS</th><th>SYSTEM</th><th>RELATION</th><th>STATUS</th><th>OPSY</th><th>LAST ACCESS</th></tr><tr><td>01</td><td>03</td><td>SYSA</td><td>LOCAL</td><td>STARTED</td><td>zOS</td><td>yyyy.ddd tt:tt:tt.tt</td></tr><tr><td>02</td><td>13</td><td>SYSB</td><td>EXTERNAL</td><td>NOPATH</td><td></td><td></td></tr><tr><td>03</td><td>62</td><td>SYSC</td><td>EXTERNAL</td><td>NOPATH</td><td></td><td></td></tr></table> <p>If COMMUNICATON=CTONLY, the local starting system will synchronize.</p> <p>If COMMUNICATION=XCF, the local starting system will not synchronize.</p> <p>MIM will repeatedly issue the following message:</p> <p>MIM0355W Initialization cannot continue until an eligible MASTER becomes available</p> <p>Case 2:</p> <p>&gt; MIMINIT COMMUNICATION=XCF/CTONLY</p> <p>&gt; INITIAL=FREED coded on the DEFSYS statement</p> <p>&gt; The checkpoint file was not pristine. It contains old systems not on the current DEFSYS statement.</p> <p>&gt; The first system in the MIMPLEX is started with FORMAT=CHKPT.</p> <p>&gt; The local system will not synchronize.</p> <p>If COMMUNICATION=XCF:</p> <p>CA MIM will issue the following message repeatedly during startup:</p> <p>MIM0355W Initialization cannot continue until an eligible MASTER becomes available</p> <p>If COMMUNICATION=CTONLY:</p> <p>CA MIM will issue the following message and not proceed any further:</p> <p>MIM0331I system ssss VCF initialization PENDING</p> <p>IMPACT:</p> <p>If the local starting system does not synchronize, global messages/commands, tape allocations, and ENQs will not be processed. If the Early Start Mechanism is being used, the system will not complete the IPL.</p> <p>CIRCUMVENTION:</p> <p>For Case #1, enter a FREE command for all external systems that are not active.</p> <p>For Case #2, restart MIM with FORMAT=BOTH on the first system and FORMAT=CHKPT on the remaining systems.</p>	INDEX	ALIAS	SYSTEM	RELATION	STATUS	OPSY	LAST ACCESS	01	03	SYSA	LOCAL	STARTED	zOS	yyyy.ddd tt:tt:tt.tt	02	13	SYSB	EXTERNAL	NOPATH			03	62	SYSC	EXTERNAL	NOPATH		
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MIM Resource Sharing 12.5  
CA RS 2204 - PTF LU01493 Details

Service	Details
	<p>PRODUCT(S) AFFECTED:</p> <p>CA MULTI-IMAGE MANAGER <span style="float: right;">Release 12.5</span></p> <p>Related Problem:</p> <p>MIM 13824</p> <p>(C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved</p> <p>R00144-BTD125</p> <p>DESC (MIM0355W DURING STARTUP) .</p> <p>++VER (Z038)</p> <p>FMID (CBTDC50)</p> <p>PRE ( LU04830 LU04915 R090745 R092025 R095758 S001314</p> <p>S004180 S005399 S006020 S007592 )</p> <p>SUP ( LT01493 )</p>

Service	Details
LU03454	<p>LU03454 M.C.S. ENTRIES = ++PTF (LU03454)</p> <p>NON-MANAGED ENQS NOT COUNTED</p> <p>PROBLEM DESCRIPTION:</p> <p>GDIF's GRS exits may not be called for certain non-managed ENQ requests.</p> <p>The issue can occur if the SET GDIF COUNT option is changed via an operator command. The following option changes show which ENQs may not be counted:</p> <p>From RESERVES to SYSTEMS (SYSTEMS ENQs may not be counted)</p> <p>From RESERVES to ALL (SYSTEMS and SYSTEM ENQs may not be counted)</p> <p>From SYSTEMS to ALL (SYSTEM enqs may not be counted)</p> <p>SYMPTOMS:</p> <p>SCOPE=SYSTEM/SYSTEMS ENQs may be missing from the non-managed portion of the DISPLAY COUNTS command output.</p> <p>IMPACT:</p> <p>No impact.</p> <p>CIRCUMVENTION:</p> <p>Enter the ADDQNAME command for an non-existent qname. For example:</p> <p>F MIM,ADDQNAME QNAME=DUMMYXYZ</p> <p>The command only needs to be entered on one system in each MIMPLEX.</p> <p>Or, restart GDIF after changing SET GDIF COUNT to the desired value.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA MULTI-IMAGE MANAGER</p> <p>Related Problem:</p> <p>MII 15271</p> <p>(C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved</p> <p>R00149-BTD125</p> <p>DESC(NON-MANAGED ENQS NOT COUNTED).</p> <p>++VER (Z038)</p> <p>FMID (CBTDC50)</p> <p>PRE ( LU04915 )</p> <p>SUP ( LT03454 )</p>

Release 12.5

Service	Details																																																	
LU04830	<p>LU04830 M.C.S. ENTRIES = ++PTF (LU04830)</p> <p>SHUTDOWN FREE NOT WORKING</p> <p>PROBLEM DESCRIPTION:</p> <p>1&gt; CA MIM may delete the transaction that is created as a result of the SHUTDOWN FREE command. The transaction is used to notify the external systems to FREE the local system from the MIMPLEX.</p> <p>2&gt; CA MIM may not populate the FREED status to a physical control file, if a SHUTDOWN FREE command is entered before a control file migration completes.</p> <p>SYMPTOMS:</p> <p>1&gt; A SHUTDOWN FREE command was entered on a system that was in the process of migrating to a physical control file (DASD or list structure).</p> <p>The system was marked STOPPED but not FREED.</p> <p>DISPLAY SYSTEMS may show:</p> <table><tr><th>INDEX</th><th>ALIAS</th><th>SYSTEM</th><th>RELATION</th><th>STATUS</th><th>OPSYS</th><th>LAST ACCESS</th></tr><tr><td>01</td><td>01</td><td>SYSA</td><td>LOCAL</td><td>ACTIVE</td><td>zOS</td><td>2021.243 11:18:02.85</td></tr><tr><td>02</td><td>02</td><td>SYSB</td><td>EXTERNAL</td><td>STOPPED</td><td>zOS</td><td>2021.243 11:17:29.67</td></tr><tr><td>03</td><td>03</td><td>SYSC</td><td>EXTERNAL</td><td>ACTIVE</td><td>zOS</td><td>2021.243 11:18:02.31</td></tr><tr><td>04</td><td>04</td><td>SYSD</td><td>EXTERNAL</td><td>FREED</td><td></td><td></td></tr><tr><td>05</td><td>05</td><td>SYSE</td><td>EXTERNAL</td><td>FREED</td><td></td><td></td></tr><tr><td>06</td><td>06</td><td>SYSF</td><td>EXTERNAL</td><td>ACTIVE</td><td>zOS</td><td>2021.243 11:18:02.33</td></tr></table> <p>In the previous display, the SHUTDOWN FREE command was entered on SYSB.</p> <p>ENQs and tape devices that were allocated on the STOPPED system will not be available to other systems.</p> <p>The STOPPED status can also impact a restart after a global shutdown. The MIMPLEX will not synchronize and the following messages may be issued.</p> <p>MIM0350W system SYSB has not responded to VCF communication</p> <p>MIM0061W System SYSB in file nn - inoperative due to SHUTDOWN</p> <p>2&gt; A non fatal U0095 RC=98 abend may be generated. Or, the system that was SHUT FREE'd will show as MIGRATING in the DISPLAY SYSTEMS command output.</p> <p>IMPACT:</p> <p>If the MIMPLEX is not synchronized after a restart:</p> <ul style="list-style-type: none"><li>&gt; Tape drives will not be brought online.</li><li>&gt; Global ENQs will not be processed.</li><li>&gt; Cross system messages will not be collected.</li></ul> <p>If a system shows as MIGRATING but is not longer active, the migration event will not complete. This could cause global enqs, tape allocations, and messages to suspend.</p> <p>The U0095 RC=98 abend should have no impact other than an SVC dump being produced.</p> <p>CIRCUMVENTION:</p> <p>These issues can be prevented by waiting until the migration completes and then entering the SHUTDOWN FREE command.</p> <p>If a starting system won't synchronize due to a system showing as STOPPED in the DISPLAY SYSTEMS output, simply enter the FREE command for the affected system(s). Or start the affected system(s).</p> <p>If a system shows as MIGRATING but is down, enter a FREE command for that system.</p>	INDEX	ALIAS	SYSTEM	RELATION	STATUS	OPSYS	LAST ACCESS	01	01	SYSA	LOCAL	ACTIVE	zOS	2021.243 11:18:02.85	02	02	SYSB	EXTERNAL	STOPPED	zOS	2021.243 11:17:29.67	03	03	SYSC	EXTERNAL	ACTIVE	zOS	2021.243 11:18:02.31	04	04	SYSD	EXTERNAL	FREED			05	05	SYSE	EXTERNAL	FREED			06	06	SYSF	EXTERNAL	ACTIVE	zOS	2021.243 11:18:02.33
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MIM Resource Sharing 12.5  
CA RS 2204 - PTF LU04830 Details

7

Service	Details
	<p>PRODUCT(S) AFFECTED:</p> <p>CA MULTI-IMAGE MANAGER <span style="float: right;">Release 12.5</span></p> <p>Related Problem:</p> <p>MIM 14673</p> <p>(C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved</p> <p>R00151-BTD125</p> <p>DESC (SHUTDOWN FREE NOT WORKING) .</p> <p>++VER (Z038)</p> <p>FMID (CBTDC50)</p> <p>PRE ( LU01392 LU02532 LU04915 R090745 R092025 R095758</p> <p>R097775 S001276 S001314 S004131 S004180 S005399</p> <p>S006020 S006490 S007592 S008521 S010843 S013054 )</p> <p>SUP ( LT04830 R093502 R096406 R096418 S005973 S008268</p> <p>S010280 S010614 ST05973 ST08268 ST10280 ST10614</p> <p>TR93502 TR96404 TR96406 TR96418 )</p> <p>CSECT(MIMDRCMD MIMDRCNM) .</p>

Service	Details
LU05137	<p>LU05137 M.C.S. ENTRIES = ++PTF (LU05137)</p> <p>IEC999I ERROR MESSAGE DURING MIM SHUTDOWN</p> <p>PROBLEM DESCRIPTION:</p> <p>CA MIM may open the same DCB twice for MIMLOG/MIMTRC if started before JES.</p> <p>This can happen if the ADDLOG command for MIMLOG or MIMTRC is directed to a dataset or NULLFILE.</p> <p>The issue does not occur if SYSOUT is used.</p> <p>SYMPTOMS:</p> <p>The following error message will be produced when MIM is shut down or is restarted with the LOADLIB REFRESH command:</p> <p>IEC999I IFGOTC0A,IFGOTC0B,mim,mim,DEB ADDR=xxxxxx-1,DSN = dsname/NULLFILE.</p> <p>An SC03 Abend and SVC dump may also be produced.</p> <p>IMPACT:</p> <p>No impact other than SVC dump processing.</p> <p>CIRCUMVENTION:</p> <p>Use SYSOUT on the ADDLOG command.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA MULTI-IMAGE MANAGER <span style="float: right;">Release 12.5</span></p> <p>Related Problem:</p> <p>MIM 15259</p> <p>(C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved</p> <p>R00153-BTD125</p> <p>DESC(IEC999I ERROR MESSAGE DURING MIM SHUTDOWN).</p> <p>++VER (Z038)</p> <p>FMID (CBTDC50)</p> <p>PRE ( LU04915 S005675 )</p> <p>SUP ( LT05137 )</p>



Service	Details																																							
LU05244	<div>LU05244 M.C.S. ENTRIES = ++PTF (LU05244)</div> <div>MIM CTC I/O DELAY</div> <div>PROBLEM DESCRIPTION:</div> <div>MIM does not clear validation bits in control blocks which represent the CTCPATH statements. The clearing should occur when the local system receives an initial handshake from an external system where MIM is starting. This can cause MIM to send an I/O on a CTC device that is not allocated externally. The issue was surfaced when MIM was restarted on a different CPU which was using different CTC addresses.</div> <div>SYMPTOMS:</div> <div>There are 3 known symptoms:</div> <div>&gt; VCF delay when trying to migrate from a physical control file to a virtual control file. (COMMUNICATON=CTCDASD)</div> <div>For example:</div> <div>MIM0200W VCF ACCESS DELAYED - MASTER=SYSA</div> <div>&gt; The DISPLAY PATH command may show a delayed WRITMAST I/O such as:</div> <div>MIM0176 MIM PATH DISPLAY:</div> <div>LAST RESTART AT 12:39:24 ON 2022.016</div> <div><table><tr><td>DEV</td><td>SYSTEM</td><td>STATE</td><td>IO-STAT</td><td>READS</td><td>WRITES</td><td>ERR</td><td>TIME/RSV</td></tr><tr><td>N/A</td><td>SYSB</td><td>LOCAL</td><td></td><td>0</td><td>0</td><td></td><td>0.000064</td></tr><tr><td>187A</td><td>SYSA</td><td>USABLE</td><td>BUSY</td><td>20</td><td>20</td><td></td><td></td></tr></table></div> <div>WRITMST</div> <div>&gt; MIM0230 MIH TERMINATED I/O ON DEVICE dddd CC=74</div> <div>STATUS=0006 SENSE=0000</div> <div>IMPACT:</div> <div>If the VCF delay occurs, MIM will not process global enqs, tape allocations, or cross-system commands/messages.</div> <div>CIRCUMVENTION:</div> <div>Determine which CTCs are usable/online.</div> <div>Rearrange the order of the devices on the CTCPATH statement, putting the usable/online devices first in the list.</div> <div>Restart MIM.</div> <div>PRODUCT(S) AFFECTED:</div> <div>CA MULTI-IMAGE MANAGER</div> <div>Related Problem:</div> <div>MIM 400</div> <div>(C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved</div> <div>R00154-BTD125</div> <div>DESC(MIM CTC I/O DELAY).</div> <div>++VER (Z038)</div> <div>FMID (CBTDC50)</div> <div>PRE ( LU04915 R091267 S004131 S005399 S011557 S012114 )</div> <div>SUP ( LT05244 S009993 ST09993 )</div> <div><table><tr><td>MCS</td><td>LU01493</td><td>STARTS ON PAGE 0002</td></tr><tr><td>MCS</td><td>LU03454</td><td>STARTS ON PAGE 0003</td></tr><tr><td>MCS</td><td>LU04830</td><td>STARTS ON PAGE 0004</td></tr><tr><td>MCS</td><td>LU05137</td><td>STARTS ON PAGE 0006</td></tr><tr><td>MCS</td><td>LU05244</td><td>STARTS ON PAGE 0007</td></tr></table></div>	DEV	SYSTEM	STATE	IO-STAT	READS	WRITES	ERR	TIME/RSV	N/A	SYSB	LOCAL		0	0		0.000064	187A	SYSA	USABLE	BUSY	20	20			MCS	LU01493	STARTS ON PAGE 0002	MCS	LU03454	STARTS ON PAGE 0003	MCS	LU04830	STARTS ON PAGE 0004	MCS	LU05137	STARTS ON PAGE 0006	MCS	LU05244	STARTS ON PAGE 0007
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MIM Resource Sharing 12.5  
CA RS 2204 Product/Component Listing

10

Product Family	Product	Release
Systems Management	CA MULTI-IMAGE MANAGER	12.05.00
The CA RS 2204 Product/Component Count for this release is 1		

CA RS Level	Service	FMID
CAR2204	LU05244	CBTDC50
	LU05137	CBTDC50
	LU04830	CBTDC50
	LU03454	CBTDC50
	LU01493	CBTDC50
CAR2203	LU04915	CBTDC50
CAR2201	LU03655	CBTDC50
CAR2112	LU02532	CBTDC50
CAR2109	LU01392	CBTDC50
CAR2108	LU02013	CBTDC50
CAR2107	LU01570	CBTDC50
CAR2106	S015686	CBTDC50
	LU01409	CBTDC50
CAR2104	LU00471	CBTDC50
CAR2103	LU00164	CBTDC50
	LU00085	CBTDC50
CAR2101	S015800	CBTDC50
CAR2011	S014793	CBTDC50
CAR2008	S013898	CBTDC50
	S013799	CBTDC50
	S013054	CBTDC50
	S012114	CBTDC50
CAR2007	S012844	CBTDC50
	S011978	CBTDC50
CAR2004	S012077	CBTDC50
	S011557	CBTDC50
	S011512	CBTDC50
CAR2002	S011593	CBTDC50
	S011516	CBTDC50
	S010843	CBTDC50
CAR2001	S011259	CBTDC50
	S011206	CBTDC50
CAR1912	S010693	CBTDC50
CAR1911	S010628	CBTDC50
	S010614	CBTDC50
	S010610	CBTDC50
	S010324	CBTDC50
	S010280	CBTDC50
	S010274	CBTDC50
CAR1910	S009993	CBTDC50
CAR1907	S008688	CBTDC50
	S008597	CBTDC50
	S008521	CBTDC50
CAR1906	S008551	CBTDC50
	S008268	CBTDC50
CAR1905	S008194	CBTDC50
	S008094	CBTDC50

CA RS Level	Service	FMID
	S007634	CBTDC50
	S007592	CBTDC50
	S007211	CBTDC50
CAR1904	S007723	CBTDC50
	S007657	CBTDC50
CAR1902	S007134	CBTDC50
	S007087	CBTDC50
CAR1901	S006020	CBTDC50
CAR1812	S006490	CBTDC50
	S006306	CBTDC50
	S006191	CBTDC50
CAR1811	S006019	CBTDC50
	S005973	CBTDC50
	S005956	CBTDC50
	S005675	CBTDC50
	S005498	CBTDC50
CAR1810	S005399	CBTDC50
CAR1808	S004532	CBTDC50
	S004180	CBTDC50
CAR1807	S004131	CBTDC50
CAR1805	S001314	CBTDC50
	S001276	CBTDC50
	S001264	CBTDC50
CAR1804	S000533	CBTDC50
CAR1803	S000406	CBTDC50
	S000122	CBTDC50
CAR1802	R099744	CBTDC50
CAR1712	R098854	CBTDC50
	R098829	CBTDC50
CAR1711	R098592	CBTDC50
	R098490	CBTDC50
	R098456	CBTDC50
CAR1710	R097898	CBTDC50
	R097890	CBTDC50
	R097775	CBTDC50
CAR1709	R097771	CBTDC50
	R097770	CBTDC50
	R097761	CBTDC50
	R097760	CBTDC50
CAR1707	R096805	CBTDC50
	R096726	CBTDC50
	R096602	CBTDC50
	R096423	CBTDC50
	R096418	CBTDC50
	R096406	CBTDC50
	R096362	CBTDC50
	R095874	CBTDC50

CA RS Level	Service	FMID
CAR1705	R095758	CBTDC50
	R095526	CBTDC50
	R095495	CBTDC50
	R095227	CBTDC50
CAR1704	R095194	CBTDC50
	R095190	CBTDC50
	R094832	CBTDC50
	R094797	CBTDC50
CAR1703	R094688	CBTDC50
	R094446	CBTDC50
CAR1702	R093950	CBTDC50
	R093204	CBTDC50
CAR1701	R093502	CBTDC50
	R093387	CBTDC50
	R093172	CBTDC50
	R092792	CBTDC50
	R092461	CBTDC50
	R092131	CBTDC50
CAR1612	R092579	CBTDC50
	R092220	CBTDC50
	R092065	CBTDC50
	R092034	CBTDC50
	R092033	CBTDC50
	R092025	CBTDC50
	R091444	CBTDC50
	R091267	CBTDC50
	R090940	CBTDC50
	R090884	CBTDC50
	R090825	CBTDC50
	R090796	CBTDC50
	R090790	CBTDC50
	R090745	CBTDC50
	R090647	CBTDC50