

CA MIM Resource Sharing 12.0  
CA RS 1407 Service List

Release	Service	Description	Type
12.0	RO69559	LARGE GLOBAL COPIES INCORRECTLY INITIATE VCF RECOVERY	PTF
	RO70669	VCF RECOVERY SELECTING INCORRECT MASTER	PTF
	RO70851	REQUEUED JOB RELEASED BEFORE JES2	PTF
	RO71072	FAILURE TO JOIN MIMPLEX AFTER RO70669	*HIP/PRP*
	RO71157	ADDLOG FAILS DURING EARLY START	PTF
The CA RS 1407 service count for this release is 5			

CA MIM Resource Sharing 11.9  
CA RS 1407 Service List

Release	Service	Description	Type
11.9	RO70598	REQUEUED JOB RELEASED BEFORE JES2	PTF
The CA RS 1407 service count for this release is 1			

CA MIM Resource Sharing 11.8  
CA RS 1407 Service List

Release	Service	Description	Type
11.8	NO-SRVC	CA RS 1407 Contains No Service For This Release of This Product.	PTF
The CA RS 1407 service count for this release is 0			

CA MIM Resource Sharing  
CA RS 1407 Service List for CBTDB90

FMID	Service	Description	Type
CBTDB90	RO70598	REQUEUED JOB RELEASED BEFORE JES2	PTF
The CA RS 1407 service count for this FMID is 1			

CA MIM Resource Sharing  
CA RS 1407 Service List for CBTDC00

FMID	Service	Description	Type
CBTDC00	RO69559	LARGE GLOBAL COPIES INCORRECTLY INITIATE VCF RECOVERY	PTF
	RO70669	VCF RECOVERY SELECTING INCORRECT MASTER	PTF
	RO70851	REQUEUED JOB RELEASED BEFORE JES2	PTF
	RO71072	FAILURE TO JOIN MIMPLEX AFTER RO70669	*HIP/PRP*
	RO71157	ADDLOG FAILS DURING EARLY START	PTF
The CA RS 1407 service count for this FMID is 5			

CA MIM Resource Sharing 12.0  
CA RS 1407 - PTF RO69559 Details

Release	Service	Details						
12.0	RO69559	<p>RO69559 M.C.S. ENTRIES = ++PTF (RO69559)</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 1377 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. R00049-BTD120-SP1</p> <p>DESC(LARGE GLOBAL COPIES INCORRECTLY INITIATE VCF RECOVERY).</p> <p>++VER (Z038)</p> <p>FMID (CBTDC00)</p> <p>PRE ( RO64150 RO67596 RO68103 )</p> <p>SUP ( TR69559 )</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 12.0  
CA RS 1407 - PTF RO70669 Details

Release	Service	Details
12.0	RO70669	<p>RO70669 M.C.S. ENTRIES = ++PTF (RO70669)</p> <p>VCF RECOVERY SELECTING INCORRECT MASTER</p> <p>PROBLEM DESCRIPTION:</p> <p>This PTF corrects several issues involving VCF communication and initialization processing:</p> <ol style="list-style-type: none"> <li>1. When using MIMINIT COMMUNICATION=DASDONLY, the FREE command is not honored if the MIMplex was operating with a virtual control file and MIM is not synchronized.</li> <li>2. When using MIMININT COMMUNICATION=DASDONLY, but the MIMplex is currently operating with a virtual control file, MIM may fail to recover properly during VCF recovery.</li> <li>3. VCF master eligibility was not updated correctly in the event that certain communications paths became unavailable.</li> <li>4. S702 ABENDs are possible if MIM is cancelled and restarted in a short period of time.</li> <li>5. An SOC4 ABEND is possible if the master system is shutdown/cancelled and restarted.</li> <li>6. When using MIMINIT COMMUNICATION=DASDONLY, global changes were not correctly written to the DASD control file when operating with a virtual control file.</li> </ol> <p>This PTF affects all "MIMINIT COMMUNICATION=" methods.</p> <p>SYMPTOMS:</p> <p>The following list corresponds to the list provided in 'PROBLEM DESCRIPTION'.</p> <ol style="list-style-type: none"> <li>1. When the issue was encountered, MIM had just been restarted after a global shutdown. MIMINIT COMMUNICATION=DASDONLY was specified, but the MIMplex had previously migrated to a virtual control file. When the master system was restarted, it could not synchronize because external systems were marked ACTIVE in the file. When a FREE command was issued to allow synchronization to complete, the command claims to be successful, but internally, the FREE does not occur.</li> <li>2. If "MIMINIT COMMUNICATION=DASDONLY" is specified, but the MIMplex had previously migrated to using a virtual control file, VCF recovery may cause any number of errors to occur. In the first scenario, a different master system was selected during recovery by two different members of the MIMplex, causing VCF recovery to be entered a second time accompanied by the following message: MIM0368I VCF recovery INITIATED - MULTIPLE MASTER SYSTEMS ACTIVE In the second scenario, certain MIM systems continuously chose an in-eligible system to become master. Leading to the following messages: MIM0200W VCF ACCESS DELAYED - MASTER=&lt;system name&gt;</li> <li>3. In the reported scenario, CTC device '1234' from a client to the master system became unavailable causing VCF recovery to be entered. The MIMplex recovered on a new master system and correctly marked the old master as 'temporarily ineligible' (indicated by the '-' in the output of the 'DISPLAY GLOBALVALUE' command). However, sometime after, a system was dynamically added to the MIMplex and CTC '1234' became available. At this point, the MIMplex had an inconsistent picture of master eligibility.</li> <li>4. S702 ABENDs are possible if MIM is cancelled and then quickly restarted. The symptom information may include modules MIMTPATT or MIMEQPSH and may also be accompanied by an MSIERROR: MIM2100 MIMTPATT HAS ABENDED S702 DUMP TITLE=MIM R12.0 @ 0000; ABEND S702 Reason=00000008 at 070C1000 81326ADC ; Issuer=MIMGR MIMGR MSIERROR CODE=0500 issued by MIMEQDRV.MIMEQPSH+02F2</li> <li>5. An SOC4-4 occurred when the master system was shutdown and restarted. The following messages were observed: MIM0209E ABEND SOC4 in Virtual Control File Director DUMP TITLE=MIM R12.0 @ 0000; ABEND SOC4 Reason=00000004 at MIMXCSUP.MIMXCIO+134E; Issuer=MIMGR</li> <li>6. In the reported case, 'MIMINIT COMMUNICATION=DASDONLY' was specified, but the MIMplex had migrated to using a virtual control file. After the migration, an 'ALTERSYS' command was issued to change an existing system definition. However, the change was not retained properly, and the system</li> </ol>

CA MIM Resource Sharing 12.0  
 CA RS 1407 - PTF RO70669 Details

Release	Service	Details
		<p>that matched the altered definitions could not join the MIMplex due to the following error:            MIM0340E System &lt;sysa&gt; detected different DEFSYS on system &lt;sysb&gt;            IMPACT:            The following list corresponds to the list provided in 'PROBLEM DESCRIPTION'.            1. MIM may be unable to synchronize if the FREE command has no effect.            2. VCF recovery may not complete successfully and MIM may terminate.            3. You may not be able to migrate to a system that is master eligible.            4. After the S702, MIM will terminate.            5. After the SOC4, MIM will terminate.            6. Global changes are not retained properly leading to various failures that may cause MIM to terminate.            CIRCUMVENTION:            None.            PRODUCT(S) AFFECTED:            CA MULTI-IMAGE MANAGER <span style="float: right;">Release 12.0</span>            Star Problem(s):            MIM 255            Copyright (C) 2014 CA. All rights reserved. R00051-BTD120-SP1</p> <p>DESC(VCF RECOVERY SELECTING INCORRECT MASTER).            ++VER (Z038)            FMID (CBTDC00)            PRE ( R062055 R063073 R063755 R064040 R064150 R065914            R065937 R066743 R067349 R067396 R067596 R067691            R068103 )            SUP ( R062586 R066966 R068624 R069559 TR62586 TR66966            TR68624 TR69559 TR70669 )</p>



CA MIM Resource Sharing 12.0  
 CA RS 1407 - PTF RO70851 Details

Release	Service	Details
12.0	RO70851	<p>RO70851 M.C.S. ENTRIES = ++PTF (RO70851)</p> <p>REQUEUED JOB RELEASED BEFORE JES2</p> <p>PROBLEM DESCRIPTION:            When running CA MIM 11.9 or above with the EARLY START feature active it is possible for CA MIM to start before JES2 becomes active. This can happen if SET ECMF REQCKPT=USE. When this occurs, CA MIM may try to issue the JES2 Release command (\$A). The command fails and the job is never released.</p> <p>SYMPTOMS:            When the JES2 command fails, the following message will be issued:            IEE305I \$AJOBnnn COMMAND INVALID</p> <p>IMPACT:            Since JES2 is not active, the release attempt fails and the job never runs.</p> <p>CIRCUMVENTION:            Use CA MIM SETOPTION ECMF REQCHKPT=RELEASE so CA MIM will release all requeued jobs at shutdown.</p> <p>PRODUCT(S) AFFECTED:            CA MULTI-IMAGE MANAGER Release 11.9            CA MULTI-IMAGE MANAGER Release 12.0</p> <p>Star Problem(s):            MII 217</p> <p>Copyright (C) 2014 CA. All rights reserved. R00052-BTD120-SP1</p> <p>DESC(REQUEUED JOB RELEASED BEFORE JES2).            ++VER (Z038)            FMID (CBTDC00)            SUP ( TR70851 )</p>

CA MIM Resource Sharing 12.0  
 CA RS 1407 - PTF RO71072 Details

Release	Service	Details
12.0	RO71072	<p>RO71072 M.C.S. ENTRIES = ++PTF (RO71072)</p> <p>FAILURE TO JOIN MIMPLEX AFTER RO70669</p> <p>PROBLEM DESCRIPTION:            After installing CA MIM ++PTF RO70669, systems may hang when attempting to join the MIMplex if MIMINIT COMMUNICATION=DASDONLY and the MIMplex is currently operating with a virtual control file (VCF).</p> <p>SYMPTOMS:            As the system is attempting to join the current MIMplex, the following message will be observed:            MIM0377I VCF migration IN PROGRESS - MASTER=&lt;system name&gt;            However, VCF activation will not complete and the system will not join the MIMplex.</p> <p>IMPACT:            The system is unable to join the MIMplex.</p> <p>CIRCUMVENTION:            Issue a MIGRATE command to a physical control file (DASD or XES) and restart CA MIM on the hanging system.</p> <p>PRODUCT(S) AFFECTED:            CA MULTI-IMAGE MANAGER <span style="float: right;">Release 12.0</span></p> <p>Star Problem(s):            MIM 257</p> <p>Copyright (C) 2014 CA. All rights reserved. R00053-BTD120-SP1</p> <p>DESC(FAILURE TO JOIN MIMPLEX AFTER RO70669).            ++VER (Z038)            FMID (CBTDC00)            PRE ( RO64040 RO64150 RO66743 RO67349 RO67396 RO67596            RO68103 RO70669 )            SUP ( AR70669 RO68624 TR68624 TR71072 )</p>

CA MIM Resource Sharing 12.0  
 CA RS 1407 - PTF RO71157 Details

Release	Service	Details
12.0	RO71157	<p>RO71157 M.C.S. ENTRIES = ++PTF (RO71157)</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. R00054-BTD120-SP1</p> <p>DESC(ADDLOG FAILS DURING EARLY START).            ++VER (Z038)            FMID (CBTDC00)            PRE ( R064040 R067396 R068103 )            SUP ( R068370 TR68370 TR71157 )</p>

CA MIM Resource Sharing 11.9  
 CA RS 1407 - PTF RO70598 Details

Release	Service	Details
11.9	RO70598	<p>RO70598 M.C.S. ENTRIES = ++PTF (RO70598)</p> <p>REQUEUED JOB RELEASED BEFORE JES2</p> <p>PROBLEM DESCRIPTION:            When running CA MIM 11.9 or above with the EARLY START feature active it is possible for CA MIM to start before JES2 becomes active. This can happen if SET ECMF REQCKPT=USE. When this occurs, CA MIM may try to issue the JES2 Release command (\$A). The command fails and the job is never released.</p> <p>SYMPTOMS:            When the JES2 command fails, the following message will be issued:            IEE305I \$AJOBnnn COMMAND INVALID</p> <p>IMPACT:            Since JES2 is not active, the release attempt fails and the job never runs.</p> <p>CIRCUMVENTION:            Use CA MIM SETOPTION ECMF REQCHKPT=RELEASE so CA MIM will release all requeued jobs at shutdown.</p> <p>PRODUCT(S) AFFECTED:            CA MULTI-IMAGE MANAGER Release 11.9            CA MULTI-IMAGE MANAGER Release 12.0</p> <p>Star Problem(s):            MII 217</p> <p>Copyright (C) 2014 CA. All rights reserved. R00072-BTD119-SP1</p> <p>DESC(REQUEUED JOB RELEASED BEFORE JES2).            ++VER (Z038)            FMID (CBTDB90)            SUP ( TR70598 )</p>