

CA SYSVIEW Performance Management 14.2
CA RS 1706 Service List

Service	Description	Type
RO93130	CEITRACE DEFINITION SECURITY ISSUES	PTF
RO95025	RANGE COMMAND INCORRECTLY FILTERING RECORDS	PTF
RO95637	ABEND S47B AND DUMP INCORRECTLY TAKEN AFTER NON-RETRY ABEND	PTF
RO95975	USHRMEM COMMAND SEGSZ FIELD INCORRECT	PTF
RO96077	ADD NEW IEFSDPPT PROPERTIES TO PPT DISPLAY	PTF
RO96119	COMPATIBILITY SUPPORT FOR IBM MQ 9.0.2	PTF
RO96194	DEFINE XID RESULTS IN INCORRECT OUTPUT	PTF
The CA RS 1706 service count for this release is 7		

CA SYSVIEW Performance Management
CA RS 1706 Service List for CNM4E20

FMID	Service	Description	Type
CNM4E20	RO93130	CEITRACE DEFINITION SECURITY ISSUES	PTF
	RO95025	RANGE COMMAND INCORRECTLY FILTERING RECORDS	PTF
	RO95637	ABEND S47B AND DUMP INCORRECTLY TAKEN AFTER NON-RETRY ABEND	PTF
	RO95975	USHRMEM COMMAND SEGSZ FIELD INCORRECT	PTF
	RO96077	ADD NEW IEFSDPPT PROPERTIES TO PPT DISPLAY	PTF
	RO96119	COMPATIBILITY SUPPORT FOR IBM MQ 9.0.2	PTF
	RO96194	DEFINE XID RESULTS IN INCORRECT OUTPUT	PTF
The CA RS 1706 service count for this FMID is 7			

CA SYSVIEW Performance Management 14.2
 CA RS 1706 - PTF RO93130 Details

Service	Details
RO93130	<p>RO93130 M.C.S. ENTRIES = ++PTF (RO93130)</p> <p>CEITRACE DEFINITION SECURITY ISSUES</p> <p>PROBLEM DESCRIPTION:</p> <p>The CEITRACE command display contains many input fields to allow various attributes of an existing trace entry to be modified. However, there is no way to secure whether a user should be allowed to modify a definition.</p> <p>Also, the COPY line command should be doing a security check against the ADD subcommand of CEITRACE but is not.</p> <p>SYMPTOMS:</p> <p>A user is able to modify the attributes of a CEITRACE definition without any security implications. A user is also able to COPY an existing definition to create a new one even though they do not have security access to the CEITRACE ADD subcommand.</p> <p>IMPACT:</p> <p>No way to secure existing CEITRACE definitions.</p> <p>CIRCUMVENTION:</p> <p>None.</p> <p>RESOLUTION:</p> <p>This fix introduces a new EDIT subcommand that will appear in security under the CEITRACE command. Access to the EDIT subcommand controls whether a user is able to alter any CEITRACE display input fields for an existing trace definition.</p> <p>By default, access will be Allowed to the EDIT subcommand under the CEITRACE command in the Commands Section of SYSVIEW internal security. Sites using external security will need to define and grant read access to an entity name similar to SV.SUBC.CEITRACE.EDIT to give users the ability to update existing CEITRACE definitions.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA SYSVIEW Release 14.1 CA SYSVIEW Release 14.2</p> <p>Related Problem: SYSVW 2217</p> <p>Copyright (C) 2017 CA. All rights reserved. R00017-NM4142-SP1</p> <p>DESC(CEITRACE DEFINITION SECURITY ISSUES). ++VER (Z038) FMID (CNM4E20) PRE (RO92598) SUP (TR93130) ++HOLD (RO93130) SYSTEM FMID(CNM4E20) REASON (DOC) DATE (17121) COMMENT (</p> <pre> +-----+ CA SYSVIEW PERFORMANCE MANAGEMENT Release 14.2 +-----+ ***** * PUBLICATION * ***** This fix introduces a new EDIT subcommand that will appear in security under the CEITRACE command. Access to the EDIT subcommand controls whether a user is able to alter any CEITRACE display input fields for an existing trace definition. By default, access will be Allowed to the EDIT subcommand under the CEITRACE command in the Commands Section of SYSVIEW internal security. Sites using external security will need to define and grant read access to an entity name similar to SV.SUBC.CEITRACE.EDIT to give users the ability to update existing CEITRACE definitions.).</pre>

CA SYSVIEW Performance Management 14.2
 CA RS 1706 - PTF RO95025 Details

Service	Details
RO95025	<p>RO95025 M.C.S. ENTRIES = ++PTF (RO95025)</p> <p>RANGE COMMAND INCORRECTLY FILTERING RECORDS</p> <p>PROBLEM DESCRIPTION:</p> <p>Use of the RANGE command may result in input records being incorrectly excluded from processing. This problem is caused by the incorrect checking of a record against the RANGE criteria multiple times. A record will be correctly checked once against the RANGE criteria when it is read in. It is then incorrectly checked multiple times after that for sections of data that repeat within the record (instances in a triplet). These additional checks fail if each and every section does not also meet the RANGE criteria.</p> <p>SYMPTOMS:</p> <p>Using the RANGE command on record sections that may repeat cause records to be incorrectly be excluded and not appear on the report. The problem may appear as missing or inconsistent report output that does not match the records that were used as input.</p> <p>IMPACT:</p> <p>Unable to filter report output using the RANGE command.</p> <p>CIRCUMVENTION:</p> <p>None.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA EXPLORE Report Writer Release 14.1 CA EXPLORE Report Writer Release 14.2</p> <p>Related Problem:</p> <p>EXPRTO 96</p> <p>Copyright (C) 2017 CA. All rights reserved. R00047-NM4142-SP1</p> <p>DESC(RANGE COMMAND INCORRECTLY FILTERING RECORDS). ++VER (Z038) FMID (CNM4E20) SUP (RO94529 TR94529 TR95025)</p>

CA SYSVIEW Performance Management 14.2
CA RS 1706 - PTF RO95637 Details

Service	Details
RO95637	<p>RO95637 M.C.S. ENTRIES = ++PTF (RO95637)</p> <p>ABEND S47B AND DUMP INCORRECTLY TAKEN AFTER NON-RETRY ABEND</p> <p>PROBLEM DESCRIPTION:</p> <p>A SYSVIEW task that experiences a non-retriable abend, such as cancelling the task or address space, may eventually abend with S47B and produce a dump. SYSVIEW supresses unwanted dumps from cancels such as abend Sx22 or Sx3E, but dumps are incorrectly being taken for abend S47B.</p> <p>This problem is possible in address spaces that can run a SYSVIEW session such as a SYSVIEW, SYSVUSER, or TSO address space.</p> <p>This problem is only possible when the zIIPenable option in the OPTIONS parmlib member is set to YES and there is a zIIP engine configured on the LPAR.</p> <p>SYMPTOMS:</p> <p>After a SYSVIEW task experiences a non-retriable abend, the following messages may be observed followed by a dump:</p> <p>GSVX488I GSVXRREX STDx\$\$ ESTAEX, mode SUP key 80 SDWA key 88 level 1 opts BA GSVX489I SDWA 516C76D8 RRxB 50D45868 DSA 515FB0C0 GSVX482I ISPF task abnormal termination in progress GSVX451E Abend S47B-00 in MENU/SWAP command GSVX472I Userid Terminal Interface ISPF GSVX452I SYSVIEW SRB in control at entry to abend GSVX453I Diagnostics for SRB in control at entry to abend GSVX457I Psw 070C0000 812360BA Ilc 2 Intc 0D GSVX477I Key 0 State SUP Am 31 Asc PRI GSVX458I Module IEAVSRBQ Addr 01234758 Offset 00001962 GSVX459I Data at PSW addr 012360B4 GSVX460I 01235A70 0A0D38C3 D6D4D7D6 GSVX455I General registers at entry to abend GSVX467I R0-R1 00000000_51000000 00000000_0447B000 GSVX467I R2-R3 00000000_00008705 00000000_3A8FB798 GSVX467I R4-R5 00000000_00000000 00000000_00000000 GSVX467I R6-R7 00000000_00000000 00000000_00000000 GSVX467I R8-R9 00000000_00000000 00000000_D16EC288 GSVX467I R10-R11 00000000_00000000 00000000_00000000 GSVX467I R12-R13 00000000_00000000 00000000_7F8C7E00 GSVX467I R14-R15 00000000_01589B36 00000000_00000000 GSVX475I Access registers at entry to abend GSVX461I AR0-AR3 00000000 00000000 00000000 00000000 GSVX461I AR4-AR7 00000000 00000000 00000000 00000000 GSVX461I AR8-AR11 00000000 00000000 00000000 00000000 GSVX461I AR12-AR15 00000000 00000000 00000000 00000000 GSVX454I Diagnostics for SYSVIEW TCB/RB at last interrupt GSVX457I Psw 078C0000 87172FE4 Ilc 2 Intc 01 GSVX477I Key 8 State SUP Am 31 Asc PRI GSVX458I Module ISPSUBS Addr 070EF000 Offset 00083FE4 GSVX456I General registers at time of interrupt GSVX467I R0-R1 00000000_00000001 00000000_001EC46C GSVX467I R2-R3 00000000_00000000 00000000_80E775AA GSVX467I R4-R5 00000000_50DFCA18 00000000_001EC454 GSVX467I R6-R7 00000000_00016750 00000000_515ADDB0 GSVX467I R8-R9 00000000_00000000 00000000_001E6018 GSVX467I R10-R11 00000000_0000021C 00000000_50D46FA0 GSVX467I R12-R13 00000000_07172ED0 00000000_50D46FA0 GSVX467I R14-R15 00000000_00000001 00000000_80973730 GSVX476I Access registers at time of interrupt GSVX461I AR0-AR3 00000000 00000000 00000000 00000000 GSVX461I AR4-AR7 00000000 00000000 00000000 00000000 GSVX461I AR8-AR11 00000000 00000000 00000000 00000000 GSVX461I AR12-AR15 00000000 00000000 00000000 00000000 GSVX462I End of symptom dump GSVX950I SVCDUMP requested GSVX458I Module IEAVSRBQ Addr 01234758 Offset 00001962 GSVX954I Issuing SDUMPX to capture SVC dump IMPACT:</p>

CA SYSVIEW Performance Management 14.2
CA RS 1706 - PTF R095637 Details

Service	Details						
	<p>Unwanted dump and error messages. After the first occurrence, DAE should suppress these dumps, but the error messages will still occur.</p> <p>CIRCUMVENTION: None.</p> <p>PRODUCTS AFFECTED:</p> <table><tr><td>CA SYSVIEW</td><td>Release 14.0</td></tr><tr><td>CA SYSVIEW</td><td>Release 14.1</td></tr><tr><td>CA SYSVIEW</td><td>Release 14.2</td></tr></table> <p>Related Problem: SYSVW 2154</p> <p>Copyright (C) 2017 CA. All rights reserved. R00054-NM4142-SP1</p> <p>DESC(ABEND S47B AND DUMP INCORRECTLY TAKEN AFTER NON-RETRY ABEND). ++VER (Z038) FMID (CNM4E20) SUP (TR95637)</p>	CA SYSVIEW	Release 14.0	CA SYSVIEW	Release 14.1	CA SYSVIEW	Release 14.2
CA SYSVIEW	Release 14.0						
CA SYSVIEW	Release 14.1						
CA SYSVIEW	Release 14.2						

CA SYSVIEW Performance Management 14.2
 CA RS 1706 - PTF RO95975 Details

Service	Details						
RO95975	<p>RO95975 M.C.S. ENTRIES = ++PTF (RO95975)</p> <p>USHRMEM COMMAND SEGSZ FIELD INCORRECT</p> <p>PROBLEM DESCRIPTION: The SegSz field on the USHRMEM command displays incorrect values.</p> <p>SYMPTOMS: The SegSz field on the USHRMEM command display shows incorrect data that is either off by a factor of 4096 or the value displays as 0.</p> <p>IMPACT: Cannot determine the correct SegSz from the USHRMEM command display.</p> <p>CIRCUMVENTION: None.</p> <p>PRODUCT(S) AFFECTED:</p> <table data-bbox="391 533 1317 611"> <tr> <td>CA SYSVIEW</td> <td>Release 14.1</td> </tr> <tr> <td>CA SYSVIEW</td> <td>Release 14.2</td> </tr> <tr> <td>CA SYSVIEW</td> <td>Release 15.0</td> </tr> </table> <p>Related Problem: SYSVW 2259</p> <p>Copyright (C) 2017 CA. All rights reserved. R00059-NM4142-SP1</p> <p>DESC(USHRMEM COMMAND SEGSZ FIELD INCORRECT). ++VER (Z038) FMID (CNM4E20) SUP (TR95975)</p>	CA SYSVIEW	Release 14.1	CA SYSVIEW	Release 14.2	CA SYSVIEW	Release 15.0
CA SYSVIEW	Release 14.1						
CA SYSVIEW	Release 14.2						
CA SYSVIEW	Release 15.0						

CA SYSVIEW Performance Management 14.2
 CA RS 1706 - PTF RO96077 Details

Service	Details
RO96077	<p>RO96077 M.C.S. ENTRIES = ++PTF (RO96077)</p> <p>ADD NEW IEFSDPPT PROPERTIES TO PPT DISPLAY</p> <p>PROBLEM DESCRIPTION: Two new properties were added to the z/OS IEFSDPPT properties table. IBM APAR OA50215 - z/OS 2.1 PTF UA82191 and z/OS 2.2 PTF UA82189, added new SCHEDxx parms NOPASS_ALLOWBATCH and NODSI_ALLOWBATCH properties.</p> <p>SYMPTOMS: Enhance the PPT display in SYSVIEW to include the new program properties.</p> <p>IMPACT: Unable to determine if NOPASS_ALLOWBATCH and NODSI_ALLOWBATCH are set.</p> <p>CIRCUMVENTION: None.</p> <p>PRODUCT(S) AFFECTED: CA SYSVIEW Release 14.1 CA SYSVIEW Release 14.2</p> <p>Related Problem: SYSVW 2254</p> <p>Copyright (C) 2017 CA. All rights reserved. R00061-NM4142-SP1</p> <p>DESC(ADD NEW IEFSDPPT PROPERTIES TO PPT DISPLAY). ++VER (Z038) FMID (CNM4E20) PRE (RO94444) SUP (TR96077) ++HOLD (RO96077) SYSTEM FMID(CNM4E20) REASON (DOC) DATE (17131) COMMENT (</p> <pre> +-----+ CA SYSVIEW PERFORMANCE MANAGEMENT Release 14.2 +-----+ ***** * PUBLICATION * ***** +-----+ CA SYSVIEW Release 14.2 +-----+ SEQUENCE When using PPT command with additional fields. +-----+ PURPOSE Include additional properties added to the PPT display. +-----+ USERS All users of SYSVIEW. AFFECTED +-----+ KNOWLEDGE Product Administration REQUIRED +-----+ ACCESS Product libraries REQUIRED +-----+ ***** * STEPS TO PERFORM * ***** This fix adds two new fields to the PPT display. These two states are NOPASS_ALLOWBATCH and NODSI_ALLOWBATCH and are shown in the new NP and NB fields.). </pre>

CA SYSVIEW Performance Management 14.2
 CA RS 1706 - PTF RO96119 Details

Service	Details
RO96119	<p>RO96119 M.C.S. ENTRIES = ++PTF (RO96119)</p> <p>COMPATIBILITY SUPPORT FOR IBM MQ 9.0.2</p> <p>PROBLEM DESCRIPTION: This fix provides compatibility support for IBM MQ for z/OS 9.0.2.</p> <p>SYMPTOMS: This fix provides basic compatibility support for IBM MQ for z/OS 9.0.2, and is required for the SYSVIEW WebSphere MQ option to work for this increment of the MQ 9.0 continuous delivery model.</p> <p>IMPACT: Unable to use SYSVIEW to monitor MQ for z/OS 9.0.2.</p> <p>CIRCUMVENTION: None.</p> <p>PRODUCT(S) AFFECTED: CA SYSVIEW Release 14.1 CA SYSVIEW Release 14.2</p> <p>Related Problem: SYSVW 2260</p> <p>Copyright (C) 2017 CA. All rights reserved. R00062-NM4142-SP1</p> <p>DESC(COMPATIBILITY SUPPORT FOR IBM MQ 9.0.2). ++VER (Z038) FMID (CNM4E20) PRE (RO93800 RO95419) SUP (RO95083 TR95083 TR96119) ++HOLD (RO96119) SYSTEM FMID(CNM4E20) REASON (DYNACT) DATE (17135) COMMENT (</p> <pre> +-----+ CA SYSVIEW PERFORMANCE MANAGEMENT Release 14.2 +-----+ SEQUENCE After Restart +-----+ PURPOSE To implement the fix. +-----+ USERS All users of SYSVIEW for MQ. AFFECTED +-----+ KNOWLEDGE Product Administration REQUIRED +-----+ ACCESS Product libraries REQUIRED +-----+ </pre> <p>*****</p> <p>* STEPS TO PERFORM *</p> <p>*****</p> <p>This fix must either be implemented via an IPL, since module GSVXXMDS resides in E-CSA, or the following steps can be followed to implement it dynamically. Using the dynamic method will cause a small amount of E-CSA to be orphaned.</p> <ol style="list-style-type: none"> 1. Apply the fix. 2. Recycle the SYSVIEW STC's, GSSA, and any user sessions. 3. From a SYSVIEW session enter command ASADMIN. <p>If the MQSDATA subtask under the SYSVIEW main services address space has a Status of ACTIVE then:</p> <ul style="list-style-type: none"> - Issue line command STOP to terminate MQSDATA - Issue primary command "NEWCOPY XMDS" to refresh the GSVXXMDS module in E-CSA - Issue line command START for MQSDATA - Log off/on to your SYSVIEW session to pick up this change. <p>If the MQSDATA subtask was INACTIVE then you only need to enter command "NEWCOPY XMDS" and logoff/on to your SYSVIEW session.</p> <p>If the above tasks/sessions are not recycled after issuing command</p>

Service	Details
	<pre> "NEWCOPY XMDS", or if the "NEWCOPY XMDS" command is not issued at all, the following error message will be issued when trying to obtain various types of MQ data: GSV2103E Required XXMDS NSS-PC services are not available). ++HOLD (RO96119) SYSTEM FMID(CNM4E20) REASON (ENH) DATE (17135) COMMENT (+-----+ CA SYSVIEW PERFORMANCE MANAGEMENT Release 14.2 +-----+-----+ SEQUENCE Before using <name of product function> +-----+-----+ PURPOSE Addition of support for IBM MQ for z/OS 9.0.2 +-----+-----+ USERS All users of SYSVIEW for MQ. AFFECTED +-----+-----+ KNOWLEDGE Product Administration REQUIRED +-----+-----+ ACCESS Product libraries REQUIRED +-----+-----+ ***** * STEPS TO PERFORM * ***** Base SYSVIEW 14.2 contains support for IBM MQ versions 7.1.0, 8.0.0 and 9.0.0. PTF RO93800 added compatibility support for IBM MQ for z/OS 9.0.1. This fix adds support for the MQ 9.0.2 increment. All SYSVIEW MQ-related commands and monitoring will work for 9.0.2 just as they do for prior MQ versions. Implementation instructions are provided in the DYNACT HOLD.). </pre>

Service	Details
RO96194	<p>RO96194 M.C.S. ENTRIES = ++PTF (RO96194)</p> <p>DEFINE XID RESULTS IN INCORRECT OUTPUT PROBLEM DESCRIPTION: There are two problems related to the DEFINE XID command:</p> <ol style="list-style-type: none"> Using the DEFINE XID command with a LENGTH parameter greater than 44 will result in periods (...) being displayed from position 45 until the defined length. These should be displayed as blanks. This problem is caused from a buffer used to format the ID Option that was not completely initialized to blanks. Using the DEFINE XID command with the LIST parameter may result in UNKW or UNKNOWN being displayed for that ID Option for a record that does not contain a section of data related to that ID Option. This problem is caused from a buffer that is initialized to blanks that is being parsed by the LIST parameter. Since the buffer is initialized to blanks, the LIST parameter attempts to match a blank (x40) to the provided list of equated values. A valid match will not be found and the word UNKNOWN is inserted by Report Writer. A blank should not be translated in this case. Instead, the blank should remain a blank. <p>SYMPTOMS:</p> <ol style="list-style-type: none"> Coding and using the following in a report will produce periods (...) after position 45: DEFINE XID MNSWMQ_OBJECT, PRODUCT=EXPC RECORD=27 TRIPLET=X152, OFFSET=X4 LENGTH=48 TYPE=CHARACTER, HDR1=QUEUE HDR2=NAME Example output: -----1-----2-----3-----4----- QUEUE ----- CSQ4.DEAD.QUEUE Note that positions 45 through 48 are filled with periods. Coding and using the following in a report will produce UNKNOWN in the output for CICS records that do not contain MQ information: DEFINE XID MNSWMQ_APICODE, PRODUCT=EXPC RECORD=27 TRIPLET=X152, OFFSET=X34 HDR1=QUEUE HDR2=REQ_TYPE, LIST=(IT=BIN,IL=1, 01,MQOPEN, 02,MQCLOSE, 03,MQGET, 04,MQPUT, 05,MQPUT1, 06,MQINQ, 07,MQINQL, 08,MQSET, 09,END_WAIT, 10,CLOSE_HAND, 11,PREPARE, 12,COMMIT, 13,BACKOUT, 14,END_THREAD, 15,INQINDOUBT, 16,RESCOMMIT, 17,RESBACKOUT, 18,EXERESOLVE, 19,MQGET_WAIT, UNKW,UNKNOWN) Example output: JOB TRAN TRAN QUEUE QUEUE DATE TIME NAME ID NUMBER REQUESTS REQ_TYPE ----- 05/15/17 00.02 CICSAOR1 DEPO 0012345 UNKNOWN Note the above record had 0 queue requests, so the request type should be blank, not UNKNOWN. IMPACT:

CA SYSVIEW Performance Management 14.2
 CA RS 1706 - PTF R096194 Details

Service	Details
	<p>1. Incorrect formatting of ID Options that have been defined with DEFINE XID and a LENGTH greater than 44.</p> <p>2. Incorrect formatting of ID Options that have been defined with DEFINE XID and the LIST parameter with the default UNKW entry.</p> <p>CIRCUMVENTION:</p> <p>1. Truncate the defined ID Option to LENGTH=44.</p> <p>2. Remove the default UNKW,UNKNOWN entry from the LIST parameter.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA EXPLORE Report Writer Release 14.1</p> <p>CA EXPLORE Report Writer Release 14.2</p> <p>CA EXPLORE Report Writer Release 15.0</p> <p>Related Problem:</p> <p>EXPRTO 98</p> <p>Copyright (C) 2017 CA. All rights reserved. R00063-NM4142-SP1</p> <p>DESC(DEFINE XID RESULTS IN INCORRECT OUTPUT).</p> <p>++VER (Z038)</p> <p>F MID (CNM4E20)</p> <p>SUP (TR96194)</p>

CA SYSVIEW Performance Management 14.2
CA RS 1706 Product/Component Listing

Product Family	Product	Release
Sysview	CA SYSVIEW PERFORMANCE MANAGEMENT	14.02.00
The CA RS 1706 Product/Component Count for this release is 1		

CA SYSVIEW Performance Management 14.2
All CA RS Levels Service List

CA RS Level	Service	FMID
CAR1706	R096194	CNM4E20
	R096119	CNM4E20
	R096077	CNM4E20
	R095975	CNM4E20
	R095637	CNM4E20
	R095025	CNM4E20
	R093130	CNM4E20
	R093130	CNM4E20
CAR1705	R095765	CNM4E20
	R095602	CNM4E20
	R095583	CNM4E20
	R095419	CNM4E20
CAR1704	R095087	CNM4E20
	R095083	CNM4E20
	R095053	CNM4E20
	R094914	CNM4E20
	R094906	CNM4E20
	R094846	CNM4E20
	R094804	CNM4E20
	R094683	CNM4E20
	R094675	CNM4E20
	R094646	CNM4E20
	R094646	CNM4E20
	R094646	CNM4E20
CAR1703	R094713	CNM4E20
	R094534	CNM4E20
	R094529	CNM4E20
	R094482	CNM4E20
	R094467	CNM4E20
	R094456	CNM4E20
	R094450	CNM4E20
	R094444	CNM4E20
	R094421	CNM4E20
	R094405	CNM4E20
	R094366	CNM4E20
	R094287	CNM4E20
	R094287	CNM4E20
	R094287	CNM4E20
CAR1702	R094126	CNM4E20
	R094111	CNM4E20
	R094080	CNM4E20
	R094050	CNM4E20
	R094024	CNM4E20
	R093800	CNM4E20
	R093726	CNM4E20
	R093686	CNM4E20
	R093400	CNM4E20
	R093198	CNM4E20
	R093038	CNM4E20
	R093016	CNM4E20