

INCONTROL for z/OS

Version: 7.0.02
September 7, 2011

BMC Software announces the release of version 7.0.02 of the INCONTROL family of products, listed under “[Products included in this version](#)” on page 23. These release notes provide information about the enhancements in this release. The information in this document supplements and supersedes information in the INCONTROL product manuals.

Up-to-date, essential installation and service information that becomes available after this product is released will be placed under solution KA349981 in the Knowledge Base on the Customer Support website, located at <http://www.bmc.com/support>. Before installation, BMC recommends that you check the website for any up-to-date information and also to determine whether recent fixes are available for this product.

The following topics are discussed:

What’s New.	2
Enhancements.	2
Corrected problems	3
Open issues and known problems	7
Product distribution.	7
Installation.	8
In previous releases	12
Support for INCONTROL for z/OS	21



What's New

Control-M/Forecast automatically receives User Daily information from Control-M for z/OS during the New Day process. Previously this process involved manual steps. (CAR00039377)

Enhancements

Table 1 lists, by product, highlights and enhancements that are now available in INCONTROL for z/OS version 7.0.02.

Table 1 INCONTROL for z/OS enhancements (part 1 of 2)

Tracking #	Description
IOA/IOAGATE	
CAR00043062	The Control-D File Transfer Option now supports SSL.
CAR00042543	Uninstall improvements.
CAR00043409	ICE support of new values of TBLRECHK parameter.
CAR00043469	OPC conversion steps performed under ICE.
CAR00043483	CA-7 conversion interface enhancements
CAR00043773	CA ESP conversion steps performed under ICE.
CAR00043872	ICE now supports RECEIVEing HOLDDATA together with Ad Hoc PTFs. (HOLDDATA is an SMP/E mechanism that assists in identifying PTFs that are in error and their corrective PTFs.) For each page of PTFs downloaded from eFix, a file containing SMP/E HOLDDATA statements is also downloaded if any of the PTFs are identified as being in error.
Control-M	
CAR00043763	For customers that converted in earlier releases there is a new CTMUTIL module.
CAR00043950	For customers that converted in earlier releases there is a new CTMZSET module.
Control-D and Control-V	
CAR00041866	The CTDELRP and CTDRETC utilities, used for deleting and controlling the retention of Control-D reports, have been enhanced to delete according to generations, in addition to days. This new flexibility enables the customer to easily configure his system to keep just the required reports from the last few report generations and eliminating the many reports that are periodically generated.

Table 1 INCONTROL for z/OS enhancements (part 2 of 2)

Tracking #	Description
CAR00043063	The new CTDREPUS utility provides customers with information about Control-D report usage. This information can help find those Control-D reports that are no longer required by customers, but which continue to be automatically decollated, backed up, or migrated, utilizing expensive resources.
CAR00041891	This change introduces the following new enhancements: <ul style="list-style-type: none"> ■ The Control-D/Web Access user can now subscribe to full reports or pages belonging to specific index values. When a subscribed report is created, the subscription feature sends an e-mail notification to the user or delivers the actual report to the user as an e-mail attachment. ■ Additional attributes are now supported for the Control-D/WebAccess Host Print request for Immediate printing of full reports or index values. These attributes can be adjusted by the end-user and the modified attributes will be resolved in the BANNER pages.
Control-M/Tape	
CAR00040179	Support EEFMT2, EFMT3 and EEFMT3 recording technology
CAR00043207	The CTTSYNC Control-M/Tape utility supports tapes created by the DUMP and BACKUP HSM processes in addition to tapes created by the MIGRATION HSM process.
CAR00043421	Conversion from catalog enhancement.

Corrected problems

Table 2 describes the problems that were reported in earlier releases of INCONTROL for z/OS and have been corrected. The list of corrected problems is also available under solution KA349982 in the Knowledge Base.

Table 2 INCONTROL for z/OS corrected problems (part 1 of 5)

Tracking #	Description
IOA/IOAGATE	
CAR00042173	An S337-04 error occurs in CDAM when the extended format is used. Print monitor fails with abend S0C4 after BI10292 is installed.
CAR00042689	An S0C4 error occurs in IOATEST when long parameter WAIT=.
CAR00042848	CICS fails with abend S0C4 in IOACICS+xFFFFFFFF.
CAR00042889	Cumulative PTF for ICE 7.0.02 and 6.3.09.
CAR00043087	ICE fails with error message IOA740E.

Table 2 INCONTROL for z/OS corrected problems (part 2 of 5)

Tracking #	Description
CAR00043226	IOACLB fails when multiple sets of LIBs Abend S0C4 in IOACLB, offset 569A
CAR00043249	CTOSERV and IOAVERIFY utility failed with S0C4
CAR00043326	Maintenance: Backup step not run when requested
CAR00043331	Terminal size does not match the screen definition.
CAR00043336	It is possible to add new variables over a maximum
CAR00043344	Cumulative PTF for ICE.
CAR00043422	High CPU of IOAAS (Control-D/WebAccess)
CAR00043641	IOA session fails in ISPF split screen while starting.
CAR00043652	Handle invalid RUNBKP value in Maintenance Backup Step (1.3).
CAR00043707	Maintenance analysis fails with RC=20 when && is allocated to VIO
CAR00043734	Loop when selecting "L" in "Maintenance Propagation step"
CAR00043882	The MODIFY command for IOAOMON does not work without Control-D.
CAR00043920	Abend S0C4 in ONLINE monitor in module IOATBMN
CAR00043965	Base IOA environment is destroyed during cloning.
CAR00044043	Cumulative fix for cloning defects.
Control-M	
CAR00041415	Abend S0C6 in Control-M monitor
CAR00042736	Control-M Simulation: no RC from User Daily
CAR00042817	Message IOAE12E when viewing group entity updated by Control-M/EM 7.0.00.
CAR00042849	Message CTWH07E in CTMAS when IOA language is German.
CAR00042859	NJE job DISAPPEARED while its SYSOUT was being transferred
CAR00042943	S0C4 in Local after Rerun/React and Hold
CAR00043157	After install: Save Y/N? is asked regarding in RBC calendar even if there was no change.
CAR00043177	Incorrect resolution %%\$GRID in simulation
CAR00043195	Incorrect member name in message ECS3120.
CAR00043198	Incorrect message when deleting RBC through Control-M/EM.
CAR00043210	CTMTLB: TAG-RELATION invalid in grp-ent
CAR00043276	USER_DAILY parameter: max length is 10
CAR00043297	Simulation does not issue "SHOUT WHEN LATE".
CAR00043404	CTMAS terminates with messages ECAC6DE and CTW004E
CAR00043409	Enhanced Table Recheck (TBLRECHK) function.
CAR00043410	Error message IOAE12E - E/M Smart table
CAR00043423	Incorrect JCL stored by CTMX002J
CAR00043502	CTMTLB: first job distributed, rest mainframe
CAR00043529	IOAVAR might get corrupted (blank varname)

Table 2 INCONTROL for z/OS corrected problems (part 3 of 5)

Tracking #	Description
CAR00043578	S0C4 in IOABSR or messages JOB510S, JOB506S or JOB524S
CAR00043656	Job with DAYS=ALL is never ordered
CAR00043666	CTMTBUPD utility - incorrect BLT89D message
CAR00043680	CTMTLB:Redundant MAXRERUN for cyclic job
CAR00043718	ISPF Utility 6.M5 - 2 connector chars
CAR00043733	Command AJF BYPJCL in CTMAPI
CAR00043748	CTMTLB: all jobs treated as distributed
CAR00043752	CTMSUB uses MSGCPES instead of new member MSGCPRES in the CTM PARM library
CAR00043767	PLAN command may change scheduling definition
CAR00043785	RBC not deleted from Control-M/EM when using Delete (Local+Remote)
CAR00043805	Wrong cursor position on screen 2 (Smart table)
CAR00043844	S0C4 in CTMJOB after WM10094 is installed.
CAR00043922	Condition inheritance jobs disconnect
CAR00043930	EXIT OPTION after CTMBTBL utility
CAR00043943	CTMJSA fails S878 RC18
CAR00043947	Add process flags to CTMX001
CAR00043984	CTMBLT utility: OPTION=C for conversions
CAR00044001	CTMRFLW does not produce a report
CAR00044053	Jobname SHOW filter does not find a job.
CAR00044065	S0C4 in IOABSR due OVERLAY due to GROUPS card area too small
CAR00044088	Issues fixed in ICE for Control-M for z/OS for CA7 Conversion Tool
CAR00044091	CTMC8FE error message mistakenly issued
Control-M/Restart	
CAR00043595	Volume list passed to CTRX001 is empty
CAR00043869	Restart incorrectly terminated by CTRX001T
Control-M/Tape	
CAR00038998	The FASTPOS component of Control-M/Tape cannot be installed
CAR00042474	Extend option on TI screen sometimes works incorrectly
CAR00043351	Catalog to Control-M/Tape conversion fails to process labels above 999.
CAR00043479	Conversion jobs fail with S0C4
CAR00043664	Prevent total storage used value from corruption
CAR00043974	CTTSBD CKPT file is allocated with incorrect prefix
Control-D and Control-V	
CAR00041782	Hiding text in AFP reports with GOCA (Graphics Object Content Architecture) objects fail
CAR00042725	Control-D monitor fails with S878 code

Table 2 INCONTROL for z/OS corrected problems (part 4 of 5)

Tracking #	Description
CAR00042810	HBDELETE Command does not work in z/OS version 1.11.
CAR00043266	Error CTDAD1E if INTERVALA=, specified
CAR00043288	Print mission with STORE=Y fails with S0C1 abend
CAR00043350	CTVCLMIG ends with RC=0 after error messages
CAR00043427	IOAOMON fails with S702 in CTDAUDT
CAR00043457	IOAAS fails with abend S0C1 in CTDPRPT
CAR00043485	Exit CTDX022I incorrectly selects PRM records with JOBNAME=*
CAR00043504	Approval action is not registered in LOG
CAR00043634	Add selection parameters to the CTDAUTR utility
CAR00043646	The CTDUFEXP utility fails with CTD908S errors
CAR00043647	New parameter FORCEMIG for CTDUPBKP
CAR00043659	Error during printing of XEROX NORMALIZED report
CAR00043661	Application server fails with abend S0C4 in CTDPRPT +AAA6
CAR00043835	CTD527S error during ordering decollation mission definition
CAR00043839	IOAAS fails with abend S80A/S878
CAR00043846	Abend U555 and dump when there is insufficient memory in the Application server
CAR00043917	CTVCLMIG does not delete all migrated the CDAM extensions
CAR00043934	Amount of records is incorrect in the messages
CAR00043990	Migrated reports do not appear in the list under IOAOMON
CAR00044054	Field AUTHORIZE incorrectly saved by utility CTDUPTR
CAR00044087	Decollation of Xerox report fails when it searches for a resource.
Control-O	
CAR00042862	Control-O only recognizes "R", but not 'REPLY' in answer to ASKOPER.
CAR00042959	F CONTROL0,SHOWPARM always shows zero MINUTES
CAR00043321	CTOWTO ABEND S0C4/S0C7 due to single digit reply
CAR00043436	S0C4 in CTOTARF+X4E4A' after ordering a rule
CAR00043449	S0C7 when ENABXAE=N in IOAPLEX and SET=%\$AUTOSYS=<Ipar>
CAR00043465	Control-O/CMEM might overlay CSA storage
CAR00043529	IOAVAR can become corrupted (blank varname)
CAR00043540	WTO284E and WTO283E should be issued also as WTO
CAR00043648	Control-O/CMEM ABEND 0C4/0C1 in subsystem interface
CAR00043703	Control-O ABEND S0C4 in CTOVAR during shutdown. WRITEGLOBAL ABEND during SHUTDOWN
CAR00043749	U4038 in PRO/JCL when validating JCL
CAR00043825	ON STEP/ON DSNEVENT rule does not trigger on the correct step
CAR00043916	COSMOS OC screen for objects is empty

Table 2 INCONTROL for z/OS corrected problems (part 5 of 5)

Tracking #	Description
CAR00043932	Problems with AutoEdit variables
CAR00044134	S878-14 when typing ? in OS screen of a large rule

Open issues and known problems

This section describes issues that remain open in this release.



— WARNING —

The names of started tasks are defined during installation and are composed of a three-character user-defined prefix and a predefined suffix. Changing the names of the started tasks installed by ICE will cause the product to behave unpredictably. Changing the names of the ECAPARMM or ECAPARMC members will also cause the product to behave unpredictably.

Product distribution

The following procedures describe how to obtain the installation files for INCONTROL for z/OS version 7.0.02 through EPD or the BMC Software sales representative:

- “Obtaining installation files using EPD” on page 7
- “Obtaining installation files through the BMC Software sales representative” on page 8
- “Obtaining optional files” on page 8

Obtaining installation files using EPD

This procedure describes how to obtain the INCONTROL for z/OS version 7.0.02 installation files using EPD.

To obtain installation files using EPD

- 1 Click <https://webapps.bmc.com/epd/> and follow the instructions on the EPD site until you reach the **Download Licensed BMC Products** page.
- 2 Follow the provided instructions.

Obtaining installation files through the BMC Software sales representative

This procedure describes how to obtain the INCONTROL for z/OS version 7.0.02 installation files through a sales representative.

To obtain installation files through a sales representative

- 1 Contact a BMC Software sales representative. If necessary, use the list available at <http://www.bmc.com/corporate/contacts-locations/worldwide>
- 2 Request a product CD or 3490 cartridge.

Obtaining optional files

- Request National Language Support on CD, tape, or download it from the BMC Software EPD site.
- Request the Control-M Conversion tool on CD or download it from the BMC Software EPD site.

Installation

INCONTROL for z/OS version 7.0.02 provides the following options:

- Option 1 – Installing a new system
- Option 2 – Upgrading from 7.0.xx, 6.3.xx, or earlier

Option 1 – Installing a new system

Perform the following steps:

- 1 Up-to-date, essential, installation and service information for version 7.0.02 will be placed in solution KA349981 in the Knowledge Base on the BMC Software Customer Support website. BMC Software recommends that you access this location before you begin the installation of this product.
- 2 Install INCONTROL for z/OS from one of the media shown in the table below. Load ICE from the Electronic Product Distribution (EPD) site, CD, or tape, using the following space requirements:
 - for the uploaded image file – approximately 115 cylinders of a DASD volume
 - for the *basepref.XMITLIB* library – *ppp,ss,dd* = 295,30,45 cylinders

Media		
3490-tape_volser	EPD	CD
7002B0	INCONTROL for z/OS version 7.0.02 installation	7002B7

Complete the installation using the Express installation process in ICE.

Full installation instructions are provided in the sections about the Installation and Customization Engine (ICE) and the Express installation in the *INCONTROL for z/OS Installation Guide: Installing*.

- 3 If necessary, install the optional INCONTROL National Language Support component from one of the media shown in the table below.

National language support is available for version 7.0.02 of the INCONTROL products listed under “[Products included in this version](#)” on page 23.

Load the National Language Support from the Electronic Product Distribution (EPD) site, CD, or tape, using the following space requirements:

- for the uploaded image file – approximately 27 cylinders of a DASD volume.
- for the *basepref.NLSSUPP* file – *ppp,ss,dd* = 170,17,45 cylinders.

Media		
3490-tape_volser	EPD	CD
7002N0	INCONTROL for z/OS version 7.0.02 National Language Support	7002N7

For available options of using national or multi-national language support in the IOA online environment, see solution KA339246 in the Knowledge Base, accessible from the Customer Support website at <http://www.bmc.com/support>.

Installation instructions are provided in the *INCONTROL for z/OS Installation Guide: Installing*.

- 4 After you finish the installation, review the following post-installation Screen Display considerations:

These products are shipped with the default version of IOAX037 (IOA user Exit 37), which is used to translate specific hexadecimal values. The default version of this exit translates certain hexadecimal values to X'40' (blanks). This could result in incorrect display of some screen characters under certain circumstances, in which case this exit may require local tailoring. For further information on modifying this exit, refer to the description of Exit IOAX037 in the Exits chapter of the *INCONTROL for z/OS Administrator Guide*.

- 5 If necessary, install the optional Control-M Conversion tool.

The Control-M Conversion tool is used to assist in converting scheduling definitions from other products for use with Control-M.

The information in these release notes supplements and supersedes information in the Control-M for z/OS conversion guides.

NOTE



Details about recent fixes, zaps, or PTFs for these products are available in the Knowledge Base on the BMC Software Customer Support website in solution [SLN000000197255](https://www.bmc.com/support/solutions/sln000000197255) (click on this link to obtain a list of APARs required for conversion to Control-M). Before installation, BMC Software recommends that you check the website.

To access the documentation for the relevant Control-M Conversion tool, see “[Related documents](#)” on [page 24](#). Refer to the section about downloading and installing the Control-M Conversion tools in the relevant Control-M for z/OS conversion guide.

The space requirements for installing the Control-M Conversion tools are:

- for the uploaded image file – approximately 27 cylinders of a DASD volume.
- for the uncompressed (UNTERSE) file – *ppp,ss,dd* = 105,10,45 cylinders.

Option 2 – Upgrading from 7.0.xx, 6.3.xx, or earlier

To upgrade to INCONTROL for z/OS version 7.0.02, perform the appropriate procedure

- Upgrading from version 7.0.xx
- Upgrading from version 6.3.xx or earlier

Upgrading from version 7.0.xx

Each maintenance level is contained in one file that is available on the EPD site, 3490 cartridge, or CD. Multiple files can be installed in a single maintenance operation to upgrade your system.

Prior to installing the maintenance package, download the pre-requisite PTF PD01817 (APAR BI10305) from eFix, and install it using the APPLY PTFs feature of ICE, available from the Maintain your Environment option.

To upgrade your system to level 7.0.02, for each maintenance level above your current level, upload the package file(s) to the mainframe using one of the media listed in the table below.

Table 3 Maintenance Package Files

Maintenance level	Media			Required DASD CYLs (<i>disk_space</i>)	
	3490		EPD		CD
	<i>tape_volser</i>	<i>mlevel</i>			
7.0.02	7D02B0	02	Periodic Maintenance 7.0.02	7D02B7	50
7.0.01	7D01B0	01	Periodic Maintenance 7.0.01	7D01B7	7

Transfer the maintenance package files to the mainframe as binary files, (or for 3490 media, use the *tape_volser*, *mlevel*, and *disk_space* values in the sample JCL), following the instructions provided in the *INCONTROL for z/OS Installation Guide: Maintaining*.

Using ICE, install the uploaded files following the instructions provided in the *INCONTROL for z/OS Installation Guide: Maintaining*.

Upgrading from version 6.3.xx or earlier

Follow the instructions in the *INCONTROL for z/OS Installation Guide: Upgrading to upgrade from version 6.3.xx or earlier*.

In previous releases

Enhancements

Table 4 lists, by product, highlights and enhancements in previous releases.

Table 4 INCONTROL for z/OS enhancements (part 1 of 2)

Tracking #	Description
In 7.0.01	
IOA/IOAGATE	
CAR00041780	<p>The new IOACLB utility provides an interface between the IOA (z/OS) calendar definitions (including Relative Base Calendars) and the Control-M/Desktop definitions. The utility converts IOA (z/OS) calendar libraries, or selected members thereof, to an XML file that can be used as a mass input to the Control-M/EM defcal utility, which imports the contents to the Control-M/EM database.</p> <p>A separate XML file must be processed by the defcal utility for each Control-M that is connected to the converted Control-M/EM environment. For this reason two types of XML files are created for each conversion, one for Control-M for z/OS and one for Control-M for distributed systems.</p>
CAR00041785	CA-7 conversion steps added to ICE.
CAR00042439	This change provides the possibility of using relative dates for the input parameters FROMDATE and TODATE for the utility IOACPLOG.
Control-M	
CAR00041781	<p>Currently, in the CTMTLB utility, the TABLE_USERDAILY parameter can only be set to a constant.</p> <p>With this enhancement, the TABLE_USERDAILY parameter can also be set to one of the following:</p> <ul style="list-style-type: none"> ■ #APPL# ■ #GRP# ■ #SETVAR=xxx# (xxx is a SETVAR variable name). <p>The APPL, GRP, and SETVAR can be taken either from the SMART Table, or the first job definition in non-SMART Tables.</p>
CAR00042505, CAR00042833	The performance of the ordering process is improved; the elapsed time is reduced as well as the CPU usage.

Table 4 INCONTROL for z/OS enhancements (part 2 of 2)

Tracking #	Description
Control-D and Control-V	
CAR00042203	This change introduces a new optional wish WDN029, which enables end users to fill in certain fields in the filter to decrease response time. This change improves performance of report list when Global Index facility is used and fields like RECIPIENT, JOBNAME (or REPORT NAME or CATEGORY as specified in the optional wish WD1164), DECOLLATION DATE are filled in the filter.
CAR00042234	This APAR supplies the new utility CTDSARRS. The utility restores reports from CA-VIEW archive tape to Control-D Active environment in order to backup them by the Control-D tools.
CAR00042313	The CTVIAR utility does not work if a relative date is specified in the FODATE, TODATE input parameters. This change enables to specify FODATE and TODATE in the format -N, where N is number of days (0 - 99999) preceding to the current date.
Control-M/Restart	
CAR00042778	Steps which include a DD card named CA11NR are handled as non-restartable steps by Control-M/Restart (compatibility issue for customers who have converted from CA-11). CA11NR is a new non-restartable step indicators DD card which is added to the existing CTRNORST and UCC11NR cards which are already supported.
Control-O	
CAR00042491	Enhancement: Tracing for the CTOAODT component of Control-O/CMEM which is responsible for the USS processes monitoring can be turned on and off using the following command: F <monitor>,TRACEOE={ON OFF}

Corrected problems

Table 5 describes the problems that were reported in earlier releases of INCONTROL for z/OS and have been corrected. The list of corrected problems is also available under solution KA329610 in the Knowledge Base.

Table 5 INCONTROL for z/OS corrected problems (part 1 of 9)

Tracking #	Description
In 7.0.01	
IOA/IOAGATE	
CAR00040101	Resolve miscellaneous Maintenance and Ad hoc support issues in ICE.
CAR00041084	This change resolves problems in the change deployment process to the cloned IOA environment.

Table 5 INCONTROL for z/OS corrected problems (part 2 of 9)

Tracking #	Description
CAR00041622	CTMCAS application server fails with abend S0C4 or S878 when end user attempts to update the SNMPDEST through CCM.
CAR00041812	Control-D monitor fails with abend S0C1 if an email is sent using exit CTDX017M.
CAR00042115	<p>Control-D user file is corrupted and message CTD908S is issued. It occurs when either a data or index component of an user file has more than one extent in different installations of Control-D and end users of IOA ONLINE in TSO/ISPF environment can switch between these installations without logging off from TSO/ISPF session, the user file can be corrupted.</p> <p>This change recognizes such a situation and prevents it issuing error message:</p> <pre>CTD908S ACT USER FILE ERROR RC=0120 PGM CTDSRPL ID=01/005</pre> <p>FUNCTION START</p> <p>or</p> <pre>CTD908S ACT USER FILE ERROR RC=0122 PGM CTDSRPL ID=01/005</pre> <p>FUNCTION START</p>
CAR00042145	When PF1 is used to display the help panel of the "Calendar List Screen", the "RBC Calendar Screen" help panel is incorrectly displayed instead of the correct one.
CAR00042407	<p>This fix resolves the following problems in the Maintenance and Adhoc fixes installation under ICE, which only occur in z/OS 1.12 and later:</p> <ul style="list-style-type: none"> ■ Analysis steps fail when the new z/OS system parameter TEMPDSFORMAT is set to a value of UNIQUE. ■ The backup step completes with status OK when it fails due to I/O error reading from DD card BKPATTR.
CAR00042527	This change inserts more strict validation for integrity control for the data portion of the IOA AM file. This change will take effect for files with records having variable record length.
CAR00042632	The CTMAS/IOAAS/CTOAS may abend with S0D6 abend code in module ECAMBX (OFFSET=0000A9C) when it tries to access a service in the IOAGATE while the IOAGATE is shutting down.
CAR00042644	<p>Control-D/WebAccess users fail to logon into IOAGATE and the following message is issued:</p> <pre>GTWT230 - Unable to connect remote host, rc=10061 - WSAECONNREFUSED.</pre>

Table 5 INCONTROL for z/OS corrected problems (part 3 of 9)

Tracking #	Description
CAR00042690	<p>The following error message</p> <pre><year>: Illegal characters in year days</pre> <p>is displayed by the Control-M/EM defcal utility when it imports a calendar produced by the Control-M for z/OS utility IOACLB and the DAYS parameter in the calendar contains a blank.</p>
Control-M	
CAR00036035	<p>The XML file with the job definitions produced by utility CTMTLB for distributed system jobs includes</p> <pre><ON CODE="COMPSTAT<4096" STMT="*" ></pre> <p>statements which are incorrect and must be replaced with</p> <pre><ON CODE="COMPSTAT<9999" STMT="*" ></pre>
CAR00041694	<p>Control-M/EM is unable to view sysouts from Control-M for z/OS using the Japanese language (LANG=JPN) and the following message is issued:</p> <pre>ECS3065 KSL INTERNAL ERROR</pre>
CAR00041780	<p>Utility IOACLB does not allow up to 4000 characters in the description field as it should.</p>
CAR00041856	<p>Utility CTMTLB mis-identifies mainframe job definitions and incorrectly generates DS job definitions for them in the XML file it creates even if the user asks to exclude such jobs using the EXCLUDE=NONMF statement.</p>
CAR00041956	<p>Utility CTMRPFL produces a wrong jobs flow report if the jobs processed are using Control-M level Rule Based Calendars although the PLAN report of this utility is correct.</p>
CAR00042170	<p>The job scheduling definitions in the XML file produced by utility CTMTLB whose TASKTYPE is EMR (emergency) contain a duplicate CRITICAL="1" statement.</p>
CAR00042288	<p>An S0C4 abend may occur in screen 2 when editing a table that was created by utility CTMBLT after fix BM10568 was applied to it.</p>
CAR00042310	<p>Cyclic jobs are ignoring the specified interval and are running continuously in z/OS release 1.12 and later.</p>

Table 5 INCONTROL for z/OS corrected problems (part 4 of 9)

Tracking #	Description
CAR00042408	<p>Resolve miscellaneous issues in utility CTMBLT:</p> <p>(a) When the '}' character is coded in an IN Condition parameter, the following error message is issued:</p> <pre>CTM394S INVALID PARAMETER - INPUT DATA FAILED VALIDATION BLT896I JOB= xxx,KEYWORD=IN , VALUE=...}...</pre> <p>(b) Invalid job definition is built and no error validation message is produced when a SHOUT-WHEN or DO SHOUT statement is coded without a MSG=shout-msg-text parameter.</p> <p>(c) The following error messages is erroneously produced when creating SMART tables containing RBC calendars:</p> <pre>BLT897E PARAMETER DCAL IS MISSING</pre>
CAR00042448	The Control-M Application Server abends with S0C4 code in module CTWRDT when the last slot for quantitative resources in the CTM.RES file is used.
CAR00042497	When a SMART Table Job references an Rule Based Calendar (RBC) using an asterisk (i.e. '*' which means any RBC of the table), the ordered job contains an empty RBC name in the associated RBC field (visible in 3.Z screen) instead of the ordering RBC.
CAR00042512	<p>Utility CTMISA produces the following error messages when CTMPARM parameter STIGNCPU is set to Y:</p> <pre>JSA933S ERROR MERGING STATISTICS FILE RECS. FUNCTION=BSRDEL RC=000008 ERROR=000004</pre>
CAR00042524	The job's Average Run Time and Standard Deviation fields appear as empty fields in the Control-M/EM GUI even though Control-M run time statistics for this jobs exist.
CAR00042532	The Control-M Application Server abends with S0C7 abend code in module CTWSRVR when jobs are ordered via Control-M/SLS or Control-M/EM API.
CAR00042557	The Control-M Application Server terminates with abend code S0C4 in load module CTMRBC (at offset +338) when uploading a Rule Based Calendar (RBC) from Control-M/EM to Control-M.
CAR00042619	When utility CTMBTBL is building a SMART Table out of a Regular Table it ignores the SAC parameter included in the jobs and the SMART Table is incorrectly built without it.
CAR00042627	When the SHOW panel displays jobs that are "waiting for control resource", it fails to display jobs that are waiting for both a quantitative resources and control resources.

Table 5 INCONTROL for z/OS corrected problems (part 5 of 9)

Tracking #	Description
CAR00042678	Utility CTMSLC incorrectly handles the scheduling definitions that need to be deleted when the date parameter is not specified to it (i.e. the current date should be used) and the DATETP parameter in IOAPARM (date type format) is defined as 'A' (mmddy) or 'J' (yymmdd).
CAR00042687	Inline JCLs which include empty lines become corrupted after being edited in Control-M/EM and uploaded back to Control-M for z/OS.
CAR00042726	Duplicate output conditions are written to the XML file generated by the CTMTLB utility which are later failed to be loaded to Control-M/EM with the following error message: Out Conditions: EM50015E: Field value must be unique
CAR00042731	The Control-M/Restart Cleanup request (i.e. Restart request with \$FIRST in the first From Step/Proc field followed by \$CLEANUP in the second From Step/Proc field) causes S0C4 abend in the Control-M Monitor.
CAR00042864	Utility CTMTLB mistakenly removes output condition from a job if an output condition with the same name is present in the SMART Table. This happens only if BM10623 has been applied.
CAR00043033	Utility CTMEMDUL fails to order all the required jobs when tables are ordered based on the user daily name assigned to them in Control-M/EM and the following message is issued: JOB516S ERROR IN SCHEDULING DATA- FIRST CARD SHOULD START WITH "D" This occurs if at least one calendar which is used by the jobs being ordered has been uploaded from EM to CTM after a table with the specified user daily has been uploaded.
CAR00043103	Abend x37 occurs when a mass addition of new Rule Based Calendars (RBCs) are added to the RBC library.
CAR00043147	Calendars (regular and RBC) created in Control-M/EM with a description that exceeds 100 characters in length get corrupted after they are uploaded to Control-M.
CAR00043159	Job definitions in XML format generated by utility CTMTLB and includes conditions with specific date references in DDMM format fail to upload to Control-M/EM with the following error message issued: OUTConditions Date Invalid value:'2912'
CAR00043210	Utility CTMTLB incorrectly adds the RULE_BASED_CALENDAR_RELATIONSHIP parameter to the SMART table entity when creating an XML for uploading to CTM/EM causing the following error message: Attribute RULE BASED CALENDAR RELATIONSHIP is not declared for element 'SMART_TABLE'.

Table 5 INCONTROL for z/OS corrected problems (part 6 of 9)

Tracking #	Description
CAR00043220	The Control-M Installation Verification Procedure (IVP) fails due to differences in the GROUP name parameter used in the construction of the IOA Global Variable hierarchical names.
CAR00043224	Loading the Rule Based Calendars (RBC) list in screen 8 takes a long time when the RBC library includes many RBCs (few minutes for several hundreds of RBCs).
Control-M/Restart	
CAR00042352	Control-M/Restart does not capture the abend code correctly from the job output and job crash condition is mistakenly detected in z/OS 1.12.
CAR00042369	Control-M/Restart mistakenly shows zero elapsed and CPU time in CTR066I message on z/OS 1.12.
Control-M/Tape	
CAR00034894	Control-M/Tape fails to process checkpoint restart jobs: the job abends with code U0242 and the following message is issued: CTT106S INTERNAL ERROR IN CONTROL-M/TAPE SVC. CODE: 016
CAR00042303	Utility CTTSDS ignores STOP commands which are sent by the MODIFY operator command and continues processing.
CAR00042571	Utility CTTBIX reports irrelevant errors in the Control-M/Tape Media Database and/or abends with S0C4 when the number of Volumes in groups together with number of multi volume datasets (could be found using the report of utility CTTIDB) exceeds 479348.
Control-D and Control-V	
CAR00041037	The Control-D monitor might fail in the following ways: <ul style="list-style-type: none"> ■ during NEWDAY procedure, with abend S0C4 in the module CTDSCD+X'32A8' <p>The problem occurs if the NEWDAY process is started when a mission was not processed until NEWDAY and SHOUT WHEN LATE is specified.</p> <ul style="list-style-type: none"> ■ after NEWDAY procedure, in INT (internal) mode <p>The problem occurs if a decollation mission, which uses an IN condition, is running when the NEWDAY procedure starts.</p>
CAR00041908	Utility CTDUFPRP prints not all User records for specified selection parameters. It occurs when PRINTFORM=REPORT is specified and a selected User record has continuation records.

Table 5 INCONTROL for z/OS corrected problems (part 7 of 9)

Tracking #	Description
CAR00042151	<p>Accumulated fix for Deferred Printing bugs (Control-V)</p> <p>a. Status of decollated report is Wait print instead of Decollated.</p> <p>This occurs if a report was decollated by a decollation mission with one of the following:</p> <ul style="list-style-type: none"> ■ DO PRINT statement with parameter STORED=Y ■ without any DO PRINT statement, with parameter STORE=N ■ DO PRINT = AAA . . . MUST = STORED = Y <p>b. Number of printed pages in PRINT plan (A.P screen) and in bundle index is incorrect for report printed by index for PRINT mission defined with TYPE E or A.</p> <p>Since we cannot calculate in advance the real number of pages to be printed for report printed by index, the number of pages indicated used TYPE=E or TYPE=A instead.</p> <p>c. Report created by PRINT mission with STORE=Y is printed with incorrect DEST, original destination field is corrupted for stored report.</p> <p>d. Report entries do not appear in the report list if end user presses 'Enter'. This occurs when the global index is used for the hitlist request.</p>
CAR00042319	<p>End job run time is missing in z/OS1.12 in the screen U. It occurs because the IEF376I message is replaced by IEF033I.</p>
CAR00042406	<p>The CTDUFUPD utility does not generate a report when the following combination of parameters is supplied:</p> <p>SIMULATE=NO, PRINT=DETAILS.</p> <p>Even though a data set name length is valid, the IOADCPY utility terminates with RC=16 and issues the following message:</p> <p>IOAG04E SPECIFIED FILE NAME IS TOO LONG</p>
CAR00042464	<p>Support parameter DSNTYPE=LARGE in DD statement for allocation big sequential data set in IOADUL - BACKUP utility for CONTROL-D User files.</p>

Table 5 INCONTROL for z/OS corrected problems (part 8 of 9)

Tracking #	Description
CAR00042576	<p>No CPU summary is reflected in the following message:</p> <pre>IOAQ14I SESSION FOR USER DWP2840 IS TERMINATED DUE TO TIMEOUT; STARTED AT HH.MM.SS; ID xxxxxxxx; LAST REQ AT HH.MM.SS</pre> <p>in the IOA LOG file if a Control-D/WebAccess session in the IOAAS application server is terminated due to timeout.</p> <p>Wrong online help text is displayed in the Report Decollating Mission Definition Screen if SHOW SCHEDULING CRITERIA ==> N is specified in the Decollating Mission Definition entry panel.</p>
Control-O	
CAR00041759	ON AOREQ rules are no longer triggered by Control-O after IO10019 was applied.
CAR00041872	Orphan WSC control blocks remain in memory when the tracked address space is swapped out and CTOZ01I dump is taken (CTOZ01I dump is a diagnostic snapshot of the WSC and the address space under which it has been allocated).
CAR00042137	<p>Control-O/CMEM fails to free the ECSA storage allocated to a table during the daily rebuild of the rules tables, when the reloaded table fails to load due to insufficient ECSA storage with the following message issued:</p> <pre>LDT537S / CT0537S INSUFFICIENT STORAGE IN (EXTENDED) CSA. CANNOT LOAD TABLE.</pre> <p>When this happens, Control-O/CMEM keeps using the old copy of the tables and the un-freed storage allocated to the new copy remains in ECSA until the next IPL.</p>
CAR00042214	<p>SHOUT to OPER messages issued by Control-O with CTO282I 'N' (i.e. do not add the CTO282I prefix to the shout) are issued with a length which is 8 bytes larger than the real message size. (BO10117)</p> <p>After BO10117 is applied, SHOUT to OPER messages issued by Control-O with empty CTO282I parameter are truncated. (BO10118)</p>
CAR00042217	After BO10117 is applied, SHOUT to OPER messages issued by Control-O with empty CTO282I parameter are truncated.
CAR00042297	DSNEVENTs of dynamically allocated GDG+SMS datasets when wish WO0987 is enabled are incorrectly processed by Control-O/CMEM running on z/OS V1.12 or later.
CAR00042343	Global variables that match the given name and pool patterns are not displayed on the OA.GLOBALS screen although they should.
CAR00042359	Control-O/CMEM does not write a log of the requests passed to Control-M in the SYSPRINT when the System Logger is used as the communication channel between the components.

Table 5 INCONTROL for z/OS corrected problems (part 9 of 9)

Tracking #	Description
CAR00042472	The AutoEdit system variable %\$SMSLEVEL which holds the SMS level contains unprintable characters in z/OS 1.10 and above.
CAR00043167	The Control-O Security interface is not operational: All the security checks are bypassed (that is, they are not forwarded to RACF, CA-Top Secret or CA-ACF2) and all the functions and actions are allowed to all the users, even if they do not have the appropriate authorization.

Support for INCONTROL for z/OS

The following provides information about:

- “Levels of support” on page 21
- “Compatibility requirements and supported resources” on page 22
- “Products included in this version” on page 23
- “Related documents” on page 24
- “Customer support” on page 25

Levels of support

BMC Software supports the following product versions and releases:

Product name and version	Level of support
INCONTROL 7.0.xx	Full
INCONTROL 6.3.xx	Full
INCONTROL 6.2.xx	Full

For information about the latest support policies, see the Customer Support website at <http://www.bmc.com/support>.

Compatibility requirements and supported resources

This section provides release-specific information about requirements and supported resources for version 7.0.02 of INCONTROL for z/OS.

Operating system support

For the most current compatibility information for this version, see <http://webapps.bmc.com/paczos/faces/pac/index.jsp>.

INCONTROL for z/OS version 7.0.02 is compliant with the following operating systems:

- z/OS v1.10
- z/OS v1.11
- z/OS v1.12

Control-M/Enterprise Manager

INCONTROL for z/OS version 7.0.02 requires that Control-M/Enterprise Manager must be version 7.0.00 or later.

Some features require installation of Control-M/Enterprise Manager version 7.0.00 with Fix Pack 1.

Remedy

If the customer is planning to use DO REMEDY to integrate Control-M with Remedy, Remedy version 6 or later must be installed. If DO REMEDY is not used, there is no dependency with Remedy at all.

Products included in this version

Version 7.0.02 of the INCONTROL family of products includes the following products:

- Control-M for z/OS
- Control-M/Restart
- Control-O
- Control-M/Tape
- Control-D
- Control-V
- Control-M/Analyzer
- Control-M/Assist
- Control-D/Image
- Control-D/Page On Demand
- Control-M/Links

You may have some or all of these products installed at your site. If so, review the versions of your installed products. If you are already using version 7.0.02 or later, do not reinstall that product.

For complete instructions about the installation and implementation of INCONTROL products, see the *INCONTROL for z/OS Installation Guide: Installing*. This guide is included in Adobe Portable Document Format (PDF) on the documentation CD, which is included as part of the product shipment.

Related documents

The following documents support INCONTROL for z/OS:

- *INCONTROL for z/OS Installation Guide: Installing*
- *INCONTROL for z/OS Installation Guide: Customizing*
- *INCONTROL for z/OS Installation Guide: Maintaining*
- *INCONTROL for z/OS Installation Guide: Upgrading*
- *INCONTROL for z/OS Administrator Guide version*
- *INCONTROL for z/OS Utilities Guide*
- *INCONTROL for z/OS Security Guide*
- *INCONTROL for z/OS Messages Manual A-CTM*
- *INCONTROL for z/OS Messages Manual CTO-F*
- *INCONTROL for z/OS Messages Manual G-Z*
- *KeyStroke Language (KSL) User Guide*
- *Control-M for z/OS User Guide*
- *Control-M for z/OS Getting Started Guide*
- *Control-M/Restart User Guide*
- *Control-O User Guide*
- *Control-O Conversion Guide*
- *Control-O Solveware Reference Guide*
- *Control-O/COSMOS User Guide*
- *Control-M/Tape User Guide*
- *Control-M/Tape Implementation Guide*
- *Control-M/Tape Conversion Guide*
- *Control-D and Control-V User Guide*
- *Control-D Implementation Guide*
- *Control-D Getting Started Guide*
- *AFP in the Control-D Environment Implementation Guide*
- *Control-D and Control-V Online Viewing Guide*
- *Control-D CA-SAR Conversion Guide*
- *Control-D CA-DISPATCH Conversion Guide*
- *Control-D INFOPAC Conversion Guide*
- *Control-M/Analyzer User Guide*
- *Control-M/Analyzer Implementation Guide*
- *Control-M/Assist Implementation Guide*
- *Control-M Conversion tool version 7.0.00 documentation CD*

To view the latest BMC documents, including documents in other languages, see the Customer Support website at <http://www.bmc.com/support>. Notices, such as flashes, technical bulletins, and release notes, are available on the website. You can subscribe to proactive alerts to receive e-mail messages when notices are issued or updated. For more information about proactive alerts, see the Customer Support website.

Customer support

If you have problems with or questions about a BMC product, see the Customer Support website at <http://www.bmc.com/support>. You can view or download product documents, find answers to frequently asked questions, and download products and maintenance. If you do not have access to the web and you are in the United States or Canada, contact Customer Support at 800 537 1813. Outside the United States or Canada, contact your local BMC office or agent.

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