

CA InterTest™ and CA SymDump® - 11.0

Release Information

Date: 06-Jun-2018



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Release Information

This section describes the new features and enhancements for CA InterTest™ and CA SymDump®.

Release 11.0.04 (Incremental release 04)

This incremental comprises the following PTFs:

- **PTF SO01925** for Common CICS Component (FMID CABAB00)
- **PTF SO01926** for CA SymDump for CICS Component (FMID CABQB00)
- **PTF SO01927** for CA InterTest Batch Component (FMID CAMRB00)
- **PTF SO01928** for CA SymDump Batch Component (FMID CARXB00)
- **PTF SO01929** for Common Symbolic Component (FMID CAVHB00)
- **PTF SO01930** for Common Eclipse UI Component (FMID CAVHB01)
- **PTF SO01931** for CA InterTest for CICS Component (FMID CCSAB00)

ARCH(12) Support

CA InterTest™ and CA SymDump® now support the ARCH(12) compile option of the IBM Enterprise COBOL and PL/I compilers.

InterTest CICS: 6-digit statement numbers

CA InterTest CICS now supports 6-digit statement numbers even in the CNTL menu.

Maintenance

Current maintenance from previous release that was released before May 14, 2018:

- **SO00391**: DUPLICATE LET ENTRIES BEING GENERATED
- **SO00924**: ABP BREAKPOINT ON CALLS TO DB2 PROGRAM DSNTIAC
- **SO01163**: ABEND SOC4/AKEA AT X'A8' OF INXXRMIO
- **SO01171**: IMS REGION BECOMES UNRESPONSIVE DURING SYMDUMP PROCESSING
- **SO01059**: TOMCAT SERVER FAILS TO START COMPONENT
- **SO01632**: ABEND SOC1 IN IN25COB2
- **SO01034**: SYMDUMP CICS CONFIGURATION MENU ABEND

- **SO01614, SO01615:** KEEP WINDOW IS NOT WORKING WITH COBOL 6.2
- **SO01538, SO01539:** CAINSRV SHUTDOWN ISSUE

Release 11.0.03 (Incremental release 03)

This incremental comprises the following PTFs:

- **PTF SO00796** for Common CICS Component (FMID CABAB00)
- **PTF SO00797** for CA InterTest Batch Component (FMID CAMRB00)
- **PTF SO00798** for Common Symbolic Component (FMID CAVHB00)

PL/I 5.2 Support

CA InterTest™ and CA SymDump® now support PL/I version 5.2.

Maintenance

Current maintenance from previous release (released before Mar 05, 2018).

Release 11.0.02 (Incremental release 02)

This incremental comprises the following PTFs:

- **PTF RO99718** for Common CICS Component (FMID CABAB00)
- **PTF RO99719** for CA SymDump for CICS Component (FMID CABQB00)
- **PTF RO99720** for CA InterTest Batch Component (FMID CAMRB00)
- **PTF RO99721** for CA SymDump Batch Component (FMID CARXB00)
- **PTF RO99722** for CA SymDump Batch DB2 Component (FMID CARXB01)
- **PTF RO99723** for Common Symbolic Component (FMID CAVHB00)
- **PTF RO99724** for Common Eclipse UI Component (FMID CAVHB01)
- **PTF RO99725** for CA InterTest for CICS Component (FMID CCSAB00)

Visual Debugger

CA InterTest Visual Debugger is a visual representation of a CICS COBOL transaction or COBOL batch program. For more information, see [Visual Debugger \(https://docops.ca.com/display/CAITSD11/Visual+Debugger\)](https://docops.ca.com/display/CAITSD11/Visual+Debugger).

See how CA InterTest Visual Debugger visually represents a COBOL application and simplifies the application analysis:

z/OS v2.3 Support

CA InterTest™ and CA SymDump® now support z/OS version 2.3.

COBOL V6.2 Support

CA InterTest™ and CA SymDump® now support IBM Enterprise COBOL V6.2.

Release 11.0.01 (Incremental release 01)

This incremental comprises the following PTFs:

- **PTF RO97425** for Common CICS Component (FMID CABAB00)
- **PTF RO97426** for Common CICS DB2 Component (FMID CABAB01)
- **PTF RO97427** for CA SymDump for CICS Component (FMID CABQB00)
- **PTF RO97428** for CA InterTest Batch Component (FMID CAMRB00)
- **PTF RO97429** for CA SymDump Batch Component (FMID CARXB00)
- **PTF RO97430** for CA SymDump Batch DB2 Component (FMID CARXB01)
- **PTF RO97431** for Common Symbolic Component (FMID CAVHB00)
- **PTF RO97432** for Common Eclipse UI Component (FMID CAVHB01)
- **PTF RO97433** for CA InterTest for CICS Component (FMID CCSAB00)

GA release of CICS Transaction Server 5.4

The CA InterTest for CICS and CA SymDump for CICS products now support the GA release of CICS Transaction Server 5.4.

DB2 12.1 support

The CA InterTest and CA SymDump products now support version 12.1 of DB2 for z/OS.

Release 11.0.00 (Base)

Batch Link Scheduling Table Configuration Change

The user replaceable configuration module CAMRSTBZ has been removed. The two options SIZE and SYSPLEX formerly specified in CAMRSTBZ are now configured in CAVHCONF as SHTBSIZE and IBSYSPLEX.

Options PRTLIB and PRTLHCT were moved from the CAOUDFRX module to CAOETABL.



More information:

[Options \(https://docops.ca.com/display/CAITSD11/Options\)](https://docops.ca.com/display/CAITSD11/Options)

IBM PL/I 5.1 support

The CA InterTest and CA SymDump products now support the debugging and fault analysis diagnostics for PL/I 5.1 programs.

External Security

InterTest Batch now supports External Security for mismatched symbolic members.

Vector and Floating-Point Registers

CA SymDump® for CICS and CA SymDump® Batch reports contain vector registers when Vector facility is installed (from z13 machines on) and floating-point registers are added for CA SymDump® for CICS when Vector facility is off.

CICS Transaction Server 5.4

The CA InterTest for CICS and CA SymDump for CICS products now support CICS Transaction Server 5.4.

CA SMP/E Internet Service Retrieval

As part of our ongoing Mainframe strategy, CA Technologies now offers a new maintenance delivery service: CA SMP/E Internet Service Retrieval. This new delivery method uses the IBM SMP/E RECEIVE ORDER command to acquire CA Mainframe product maintenance over the internet by securely submitting an order for PTFs and HOLDDATA to a remote CA Technologies server.

This service can reduce hours of maintenance time to just minutes, making your system programmers more productive and allowing them to focus on higher value tasks. “This capability has drastically reduced the time and effort needed to find and download updates. Best of all, it is easy to use!” said Rob Capel, Senior Operating System Programmer, Sentara Healthcare.

CA SMP/E Internet Service Retrieval:

- Eliminates time-consuming fix searches and the need to select maintenance manually through CA Support Portal
- Automates delivery of CA maintenance directly to your mainframe
- Fulfills orders based on the status of your SMP/E environments
- Enables scheduling of maintenance downloads
- Facilitates an easier installation of CA Recommended and Preventive service

With the CA SMP/E Internet Service Retrieval, you can acquire maintenance on demand or can schedule an SMP/E job to run regularly. The CA Order server supports the IBM-documented order types, which include: ALL, APARS, CRITICAL, HOLDDATA, PTFS, and RECOMMENDED.

If you are an existing CA Chorus™ Software Manager customer, you can also use this new service to download maintenance and dramatically reduce the time needed to download PTFs.

To get started, review the [CA SMP/E Internet Service Retrieval Documentation \(https://docops.ca.com/pages/viewpage.action?pageId=446529631\)](https://docops.ca.com/pages/viewpage.action?pageId=446529631).

Portfolio Simplification

CA InterTest Batch

CA InterTest Batch now includes the following features and capabilities.

| | |
|--------------------------|---|
| InterTest Batch for PL/I | Provides the capability to symbolically debug programs written in the IBM Enterprise PL/I language. |
| InterTest Batch for IMS | Provides the ability to debug COBOL, PL/I, or Assembler programs that execute as IMS MPP or BMP programs. |

CA InterTest for CICS zOS

CA InterTest for CICS zOS now includes the following features and capabilities.

| | |
|------------------------------------|---|
| InterTest for CICS Option for PL/I | This option provides the capability to symbolically debug programs written in the IBM Enterprise PL/I language. |
|------------------------------------|---|

CA InterTest for CICS z/VSE

CA InterTest for CICS z/VSE now includes the following features and capabilities.

| | |
|---------------------------------------|---|
| CA InterTest for CICS Option for PL/I | Provides the capability to symbolically debug programs written in the IBM Enterprise PL/I language. |
|---------------------------------------|---|

Next Steps

To use these options, go to your usual download facility (for example, [CA Support Online \(http://support.ca.com/\)](http://support.ca.com/)) and download the additional component features from the drop-down list. If one of the downloads requires an LMP key, follow your usual process to acquire the key.

Release Comparison

This article compares the key features in all active releases of CA InterTest and CA SymDump products.

CA InterTest Batch

| Key Features | Version 11.0 | Version 10.0 | Release 9.1 |
|---|--------------|--------------|-------------|
| Batch Link Scheduling Table Configuration Change (https://docops.ca.com/display/CAITSD11/Configure+Batch+Link+and+Sysplex) | yes | no | no |
| External Security (https://docops.ca.com/display/CAITSD11/Options) | yes | yes | no |
| Vector and Floating-Point Registers (https://docops.ca.com/display/CAITSD11/Abend+Report) | yes | yes | no |
| Set Unconditional "After" Breakpoints (https://docops.ca.com/display/CAITSD11/Line+Commands#LineCommands-After) | yes | yes | no |
| Invoke CA File Master Plus from the Batch Link Facility (https://docops.ca.com/display/CAITSD11/Control+Commands#ControlCommands-FMFMCommand (InvokeCAFileMasterPlus)) | yes | yes | no |
| Single Pax File and Installation (https://docops.ca.com/display/CAITSD11/Install+Your+Product+from+Pax+Enhanced+ESD) | yes | yes | no |
| Single Eclipse UI RCP (https://docops.ca.com/display/CAITSD11/Installing+the+Eclipse+User+Interface) | yes | yes | no |
| IBM Enterprise COBOL and PL/I Compiler ARCH(11) Support (https://docops.ca.com/display/CAITSD10/Release+Information#ReleaseInformation-IBMEnterpriseCOBOLandPL/ICompilerARCH(11)Support) | yes | yes | no |
| Record a Monitoring Session for Later Reuse (https://docops.ca.com/display/CAITSD11/Control+Commands#ControlCommands-MLOGCommand (RecordDebuggingSession)) | yes | yes | no |
| External Security Support for Symbolic Files (https://docops.ca.com/display/CAITSD11/External+Security+Option) | yes | yes | no |
| DocOps Documentation (http://docops.ca.com/CAITSD) | yes | yes | no |
| Debugging on Foreign LPARs (https://docops.ca.com/display/CAITSD11/Batch+Link+Selection+Panel) | yes | yes | yes |
| Sharing Schedules Between LPARs in a SYSPLEX (https://docops.ca.com/display/CAITSD11/Configure+Batch+Link+and+Sysplex) | yes | yes | yes |
| Support for Multiple Program Versions in a Single PROTSYM (https://docops.ca.com/display/CAITSD11/Symbolic+Support#SymbolicSupport-PROTSYMFile) | yes | yes | yes |

| Key Features | Version 11.0 | Version 10.0 | Release 9.1 |
|--|--------------|--------------|-------------|
| PROTSYM Space Utilization Monitoring (https://docops.ca.com/display/CAITSD11/Maintaining+a+PROTSYM+File#MaintainingaPROTSYMFile-IN25UTILFunctions) | yes | yes | yes |
| IBM Enterprise COBOL 6.1 Support (https://docops.ca.com/display/CAITSD10/Release+Information#ReleaseInformation-IBMEnterpriseCOBOL6.1support) | yes | yes | yes |
| IBM Enterprise COBOL 5.2 Support | yes | yes | yes |
| IBM PL/I 5.1 support | yes | yes | yes |
| Unicode Support | yes | yes | yes |

CA InterTest for CICS

| Key Features | Version 11.0 | Version 10.0 | Release 9.1 |
|---|--------------|--------------|-------------|
| Vector and Floating-Point Registers (https://docops.ca.com/display/CAITSD11/Working+with+Dumps#WorkingwithDumps-Vectors) | yes | yes | no |
| SET and DISPLAY Commands Support COBOL Numeric Index Values (https://docops.ca.com/display/CAITSD10/Release+Information) | yes | yes | no |
| Set Unconditional "After" Breakpoints (https://docops.ca.com/display/CAITSD11/Using+Breakpoints#UsingBreakpoints-UnconditionalBreakpoints) | yes | yes | no |
| Single Pax File and Installation (https://docops.ca.com/display/CAITSD11/Install+Your+Product+from+Pax-Enhanced+ESD) | yes | yes | no |
| Single Eclipse UI RCP (https://docops.ca.com/display/CAITSD11/Installing+the+Eclipse+User+Interface) | yes | yes | no |
| CICS Transaction Server 5.4 (https://docops.ca.com/display/CAITSD11/CICS+Interfaces+and+Compatibility#CICSInterfacesandCompatibility-AddtheRequiredCICSResourceDefinitions) | yes | yes | no |
| CICS Transaction Server 5.3 (https://docops.ca.com/display/CAITSD11/CICS+Interfaces+and+Compatibility#CICSInterfacesandCompatibility-AddtheRequiredCICSResourceDefinitions) | yes | yes | no |
| IBM Enterprise COBOL and PL/I Compiler ARCH(11) Support (https://docops.ca.com/display/CAITSD10/Release+Information#ReleaseInformation-IBMEnterpriseCOBOLandPL/ICompilerARCH(11)Support) | yes | yes | no |
| Record a Monitoring Session for Later Reuse (https://docops.ca.com/display/CAITSD11/Control+Commands#ControlCommands-MLOGCommand(RecordDebuggingSession)) | yes | yes | no |
| External Security Support for Symbolic Files (https://docops.ca.com/display/CAITSD11/External+Security+Option) | yes | yes | no |
| DocOps Documentation (http://docops.ca.com/CAITSD) | yes | yes | no |

| Key Features | Version 11.0 | Version 10.0 | Release 9.1 |
|--|--------------|--------------|-------------|
| Composite Support Improvements (https://docops.ca.com/display/CAITSD11/Composite+Support) | yes | yes | yes |
| Support for Multiple Program Versions in a Single PROTSYM (https://docops.ca.com/display/CAITSD11/Symbolic+Support#SymbolicSupport-PROTSYMFile) | yes | yes | yes |
| PROTSYM Space Utilization Monitoring (https://docops.ca.com/display/CAITSD11/Maintaining+a+PROTSYM+File#MaintainingaPROTSYMFile-IN25UTILFunctions) | yes | yes | yes |
| IBM Enterprise COBOL 6.1 support (https://docops.ca.com/display/CAITSD10/Release+Information#ReleaseInformation-IBMEnterpriseCOBOL6.1support) | yes | yes | yes |
| IBM Enterprise COBOL 5.2 Support | yes | yes | yes |
| CICS Transaction Server 5.2 | yes | yes | yes |
| IBM PL/I 5.1 support | yes | yes | yes |

CA SymDump Batch

| Key Features | Version 11.0 | Version 10.0 | Release 9.1 |
|--|--------------|--------------|-------------|
| Vector and Floating-Point Registers (https://docops.ca.com/display/CAITSD11/Abend+Report) | yes | no | no |
| Set Unconditional "After" Breakpoints (https://docops.ca.com/display/CAITSD11/Line+Commands#LineCommands-After) | yes | yes | no |
| Single Pax File and Installation (https://docops.ca.com/display/CAITSD11/Install+Your+Product+from+Pax+Enhanced+ESD) | yes | yes | no |
| Single Eclipse UI RCP (https://docops.ca.com/display/CAITSD11/Installing+the+Eclipse+User+Interface) | yes | yes | no |
| Filter Abend Program Names from the Dump Index (https://docops.ca.com/display/CAITSD11/CA+SymDump+Batch+Options#CASymDumpBatchOptions-DefinetheAbendFilterTableCAVHFMOD) | yes | yes | no |
| Removal of MCHAR, PCHAR, and RCHAR Keywords (https://docops.ca.com/display/CAITSD10/Release+Information#ReleaseInformation-RemovalofMCHAR,PCHAR,andRCHARKeywords) | yes | yes | no |
| External Security Support for Symbolic Files (https://docops.ca.com/display/CAITSD11/External+Security+Option) | yes | yes | no |
| DocOps Documentation (http://docops.ca.com/CAITSD) | yes | yes | no |
| Support for Multiple Program Versions in a Single PROTSYM (https://docops.ca.com/display/CAITSD11/Symbolic+Support#SymbolicSupport-PROTSYMFile) | yes | yes | yes |
| PROTSYM Space Utilization Monitoring (https://docops.ca.com/display/CAITSD11/Maintaining+a+PROTSYM+File#MaintainingaPROTSYMFile-IN25UTILFunctions) | yes | yes | yes |

| Key Features | Version 11.0 | Version 10.0 | Release 9.1 |
|--|--------------|--------------|-------------|
| IBM Enterprise COBOL 6.1 support (https://docops.ca.com/display/CAITSD10/Release+Information#ReleaseInformation-IBMEnterpriseCOBOL6.1support) | yes | yes | yes |
| IBM Enterprise COBOL 5.2 Support | yes | yes | yes |
| IBM PL/I 5.1 support | yes | yes | yes |

CA SymDump for CICS

| Key Features | Version 11.0 | Version 10.0 | Release 9.1 |
|---|--------------|--------------|-------------|
| Vector and Floating-Point Registers (https://docops.ca.com/display/CAITSD11/Working+with+Dumps#WorkingwithDumps-Vectors) | yes | no | no |
| Single Pax File and Installation (https://docops.ca.com/display/CAITSD11/Install+Your+Product+from+Pax+Enhanced+ESD) | yes | yes | no |
| Single Eclipse UI RCP (https://docops.ca.com/display/CAITSD11/Installing+the+Eclipse+User+Interface) | yes | yes | no |
| CICS Transaction Server 5.4 (https://docops.ca.com/display/CAITSD11/CICS+Interfaces+and+Compatibility#CICSInterfacesandCompatibility-AddtheRequiredCICSResourceDefinitions) | yes | yes | no |
| CICS Transaction Server 5.3 (https://docops.ca.com/display/CAITSD11/CICS+Interfaces+and+Compatibility#CICSInterfacesandCompatibility-AddtheRequiredCICSResourceDefinitions) | yes | yes | no |
| External Security Support for Symbolic Files (https://docops.ca.com/display/CAITSD11/External+Security+Option) | yes | yes | no |
| DocOps Documentation (http://docops.ca.com/CAITSD) | yes | yes | no |
| Support for Multiple Program Versions in a Single PROTSYM (https://docops.ca.com/display/CAITSD11/Symbolic+Support#SymbolicSupport-PROTSYMFFile) | yes | yes | yes |
| PROTSYM Space Utilization Monitoring (https://docops.ca.com/display/CAITSD11/Maintaining+a+PROTSYM+File#MaintainingaPROTSYMFFile-IN25UTILFunctions) | yes | yes | yes |
| Dump Capture Performance Improvements (https://docops.ca.com/display/CAITSD11/Capturing+Dumps) | yes | yes | yes |
| Source Listing Display Enhancement (https://docops.ca.com/display/CAITSD11/Source+Listing+Facility+for+SymDump) | yes | yes | yes |
| Batch Dump Print Program IN25PDMP Changes (https://docops.ca.com/display/CAITSD11/Printing+Dumps) | yes | yes | yes |
| IBM Enterprise COBOL 6.1 support (https://docops.ca.com/display/CAITSD10/Release+Information#ReleaseInformation-IBMEnterpriseCOBOL6.1support) | yes | yes | yes |
| IBM Enterprise COBOL 5.2 Support | yes | yes | yes |
| CICS Transaction Server 5.2 | yes | yes | yes |

CA InterTest™ and CA SymDump® - 11.0

| Key Features | Version 11.0 | Version 10.0 | Release 9.1 |
|----------------------|--------------|--------------|-------------|
| IBM PL/I 5.1 support | yes | yes | yes |