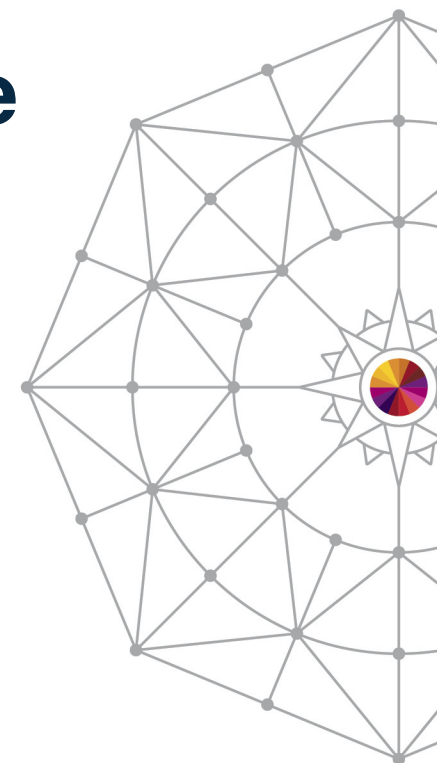


CICS TS V5.1 User Expérience

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Session Agenda

- Environment
- Setting up the Migration
- Products
- Current Status
- Problems Surfaced
- Things to Consider
- Worth Mentioning
- Questions



Environment

- 30 LPARS
- 6 Mainframes
- 771 Regions
 - Current Level- CICS V3.1 and CICS V3.2
 - Moving towards - CICS V5.1 RSU1403
 - Monthly Transaction Count

Complex	Transactions
A	124,722,058
B	880,277,268
C	14,480,093,585
D	14,698,382
E	902,001,224
F	213,038,727

Setting up the Migration

- Enforce Naming Standards
- Standardize overrides for quick turn around and easy debugging
- A way to isolate maintenance so you can continue to apply your migrations (i.e. was the WOLA Issue)
- Review current Abends and issues that are now in the regions to eliminate confusion
- CPSM Separation from other LPARS
- Review Migration manuals for appropriate level of CICS

Setting up the Migration

- Make sure you redefine the System Datasets
 - DFHGCD,DFHLCD,DFHLRQ,DFHHTML,DFHBRNSF,
 - DFHPIDIR
- DFHAUXT,DFHDMP , DFHTEMP , DFHINTRA
- Backoff Jobs consisted of a single JCL Stream
- Create a Verification procedures for verifying your products when CICS V5.1 is applied .
- Security (Depends on your setup)

Setting up the Migration

- Reminders
 - z/OS 1.13 minimum required for CICS V5.1
 - Java 7 (64 Bit) Required for CICS V5.1
- Updated APF, LPA and LINKLST per LPAR
- Reassemble all programs , NOT JUST EXITS

Products

- z/OS 1.13 - moving towards z/OS 2.1
- RACF 1.13
- TOP SECRET R15
- CAACF2 → R15
- DB2 V10
- IMS V11 Migrating V13
- MQ V7
- CATS 410 – ASG TMON

Current Status of the Migration

PLEX	TOTAL REGIONS	TOTAL COMPLETE	% COMPLETE
Mellon	74	73	99%
Boston	106	32	30%
Pershing	264	264	100%
Securities	188	0	0%
Barclay	101	13	13%
GISS	22	0	0%
GISN	15	0	0%
GRAND TOTAL	770	382	50%

As of 07/2014

- Started November 2013
 - Consider dual licensing costs (1 Year)
- Tried CICS Trial Software
 - Reload everything

Problems Surfaced

- Current level WAS7.0.0.21 and using WOLA to access CICS V5.1)
 - CICS Log after applying CICS V5.1
 - Here is a message were receiving at startup .
 - + +BBOA9920I WAS z/OS OLA CICS PLT init start.
 - + +**BBOA9930W Invalid CICS release. Requires CICS TS 3.1**
 - + +BBOA9921I WAS z/OS OLA CICS TRUE enabled.
 - + +BBOA9925I WAS z/OS OLA CICS PLT init ending
 - + +BBOA9940I WAS z/OS OLA CICS PLT init 2 start.
 - + +BBOA9930W Invalid CICS release. Requires CICS TS 3.1
 - + +BBOA9945I Issuing OLA START_SRVR request
 - Applied APAR PM88209 to WAS7

Problems Surfaced II

- Current level WAS7.0.0.21 and using WOLA to access CICS V5.1)

- Had to create another ETR for tracking

- After applying PM88209 to WAS7

 - + *+BBOA9920I WAS z/OS OLA CICS PLT init start.*

 - + ***+BBOA9930W Invalid CICS release. Requires CICS TS 3.1***

 - + *+BBOA9921I WAS z/OS OLA CICS TRUE enabled.*

 - + *+BBOA9925I WAS z/OS OLA CICS PLT init ending.*

 - + *+BBOA9940I WAS z/OS OLA CICS PLT init 2 start.*

 - + *+BBOA9930W Invalid CICS release. Requires CICS TS 3.1*

 - + *+BBOA9945I Issuing OLA START_SRVR request ...*

 - + *+BBOA9941I WAS z/OS OLA CICS Request Successful. +BBOA9945I WAS z/OS OLA CICS PLT init 2 ending.*

- This Issue was correct by :

 - PI15356 - PYT TABLES COMPATIBLE WITH CICS TS 5.1 ARE MISSING
 - PI17894 - WEBSHERE WOLA API CALLS FAILING WITH ABEND BBOX IN CICS TS 5.1

Problems Surfaced Part III

- TRANSACTION INITIATED VIA TRIGGERLEVEL, DELETES TDQ, ABENDS, THEN RE-INITIATES ITSELF EVEN THOUGH THE TDQ IS DELETED
 - ERROR DESCRIPTION: Since migrating to CICS/Transaction Server R5.1, you have a transaction which is initiated via a TDQ with TRIGLEVEL 1 receiving a record. Upon initiation, the transaction deletes the TDQ and continues to process. If the transaction abends, it reattaches itself even though the TDQ shows as being deleted.
 - High CPU
 - This Issue was correct by :
 - PI19423 - PYT TABLES COMPATIBLE WITH CICS TS 5.1 ARE MISSING

Problems Surfaced

- DFHDB8222 Connection from CICS TS to IMS fails (CICS V4.2)
 - The following message appears in CICS LOG
 - F CICS1,CDBC CON SUF(00)
 - +DFHDB8222 Connection has failed. DBCTL return Code 36
 - +DFHDB8111 E Connection Has Failed. DBCTL Return Code 36
 - +DFHDB8102 I Disconnection from DBCTL is Now Complete
 - IMS V12 New Function APARS:
 - PM31420 (PE PTF UK70991)
 - PM45414 (PTF UK71251)
 - PM47327 (PTF UK73103 (PTF UK67279)
 - IMS V11 Toleration Mode Only
 - PM31729 (PTF UK67278)
 - IMS V10 Toleration Mode Only
 - PM31730 (PTF UK67279)

Things to consider

- Dumps are now **Bigger**
 - MEMLIMIT = 6G is now required or larger
 - Will receive the following : DFHSM0602 message if less
- Intertest 6.4
 - Any 64 bit instruction should be supported via Intertest. Intertest was indicating SAM64 is an invalid op-code i.e. SCA and SCE.
 - Corrected by : TR71231, TR71322, TR71343, TR71344 TR71325 & TR71347
 - Plus Third and Fourth Qtr Fixes
 - Don't forget Support for CICS TS 5.1
 - CBA8568
- Legacy Applications – Keymaster Key/101 Rel 7.1 was migrated to Key/101 Release 8.0

Worth Mentioning

- Appendix
- CICS TS V5.1 Information Center
<http://pic.dhe.ibm.com/infocenter/cicsts/v5r1/index.jsp>

CICS FAMILY

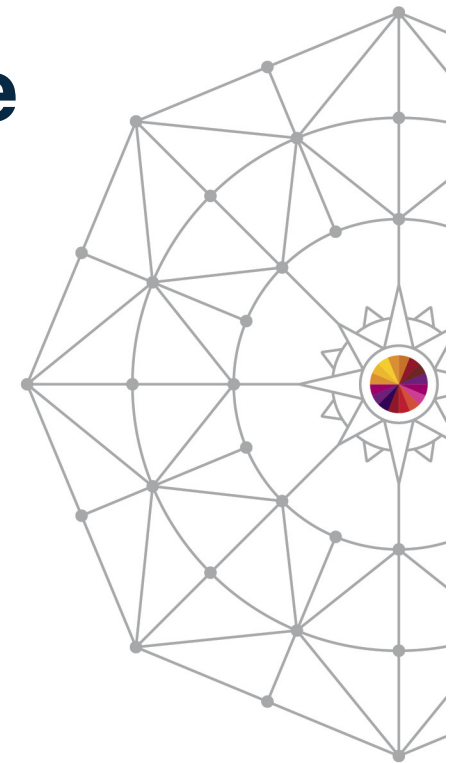
- <http://www-01.ibm.com/software/htp/cics/>
- Software Developers Supporting Transaction Services
<http://www-01.ibm.com/software/htp/cics/partners.html>
- IBM CICS Beta and Early Test
<https://www-01.ibm.com/software/htp/cics/betas.html>

Questions

I ♥ CICS

CICS TS V5.1 User Expérience

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CICS TS 5.2 Service Agility

- Portability of web applications into CICS has been enhanced by extending the support for WebSphere Application Server Liberty Profile, V8.5.5 to include additional security, JDBC, and transaction recovery features.
- Simple integration with mobile devices and mobile-optimized gateways, such as IBM Worklight® Server, by integrating the JavaScript™ Object Notation (JSON) and Representational State Transfer (REST) support from the CICS TS Feature Pack for Mobile Extensions into CICS TS V5.2. This extends SOA support in CICS.
- Data mapping for SOAP and JSON now supports UTF-16 data types, as well as additional COBOL data clauses.
- IP interconnectivity (IPIC) is extended to support more high availability scenarios and to minimize the potential impact of issues when communicating across a wide area network.

CICS TS 5.2 Operational Efficiency

- Safeguard critical runtime resources by defining service level agreement (SLA) policies against a broader range of policy thresholds.
- Simplify the integration of CICS applications with distributed security standards, by integrating the SAML support, introduced in the CICS TS Feature Pack for Security Extensions into CICS TS V5.2, and introducing support for Kerberos security tokens and stronger cryptographic ciphers. SAML support is provided for both inbound and outbound use of SAML tokens.
- Diagnostic improvements to make it easier to determine the cause of problems.
- A transaction channel allows applications to be able to make use of containers throughout the transaction, without the need to restructure COMMAREA-based programs.
- Performance enhancements include a reduction in 31-bit storage usage for web services and an increase in threadsafe support.

CICS TS 5.2 Operational Efficiency

- Improved search, integration, and customization of IBM documentation make it easier for you to find the information that you need for all the IBM products that you use. (Note, like in later CICS releases, CICS Messages are no longer updated by PTF on the DFHCMACD module, you will have to review the infocenter or knowledge center for the latest CICS messages.)

CICS TS 5.2 Cloud Enablement

- Enhance application lifecycle management by allowing different versions of a multi-program application to run concurrently. This simplifies deployment of application updates or allows for easy rollback to an earlier version if required. This allows for the Integration of CICS applications with cloud-based infrastructures to manage and deploy CICS web services as cloud components.
- Application versioning assists with the consolidation of applications onto fewer CICS regions.
- Platforms are enhanced to define and create new 'top down' topologies, and to add and remove regions from installed platforms.
- Twice as many traditional CICS resources can be defined and managed in CICS bundles, compared to previous CICS TS releases.
- Enhanced management of first-class platforms to make it easier to define and deploy platforms onto your infrastructure.

CICS TS 5.2 CICS Explorer Enhancements

Since the release of CICS® Transaction Server for z/OS®, Version 5 Release 1, IBM® has released a number of significant enhancements to the CICS Explorer and the CICS Explorer SDK:

- Define FILE resources in a CICS Bundle project.
- Define JVMSERVER resources (JVM servers) and associated JVM profiles in a CICS Bundle project.
- Define PIPELINE resources and associated pipeline configuration files in a CICS Bundle project.
- Define TCPIP SERVICE resources in a CICS Bundle project.
- Define WEBSERVICE resources in a CICS Bundle project.
- Generate URIMAP resources and associated alias transactions using an existing WEBSERVICE definition in a CICS Bundle project.

CICS TS 5.2 CICS Explorer Enhancements

- View the private resources and application entry points for each installed version of an application on a platform, using the online application editor.
- Disable and discard an installed application in a single step, using the online application editor.
- View the availability status of installed applications and CICS bundles, and make them available or unavailable to users through their application entry points, using the Cloud Explorer view or the online application editor.

CICS TS 5.2 Open Beta

- A CICS TS V5.2 open beta program is available to provide the opportunity to participate in a limited time trial of the latest developments in CICS TS, with no charge or financial commitment.
- By joining the CICS TS V5.2 open beta program the potential of new CICS capability can be explored, its value to the business can be assessed, and planning can begin for its adoption at the earliest opportunity.
- The CICS TS V5.2 open beta offering is an Early Release version of CICS TS that shows how new workloads, such as those driven by mobile devices, can be quickly and efficiently incorporated into existing CICS systems. Participants in the open beta program may also get direct access to CICS development resources, with the opportunity to provide early feedback and are well-positioned to gain the advantage of being one of the first to try the new beta offering.
- The CICS TS V5.2 open beta offering is available for download, direct from IBM, by visiting
 - <http://www.ibm.com/cics/openbeta>

CICS TS 5.2 Developer Trial

- CICS TS Developer Trial V5.2, a try-before-you-buy edition of CICS TS V5.2, has a zero-cost license charge and does not initiate any single version charging (SVC) period.
- If you want to assess the value that could be gained from a CICS TS upgrade, before making an upgrade decision, you should order this product.
- The CICS TS Developer Trial V5.2 is now fully supported and can be upgraded to CICS TS V5.2 or CICS TS VUE V5.2 without the need for a full reinstallation.
- For more information, visit
 - <http://www.ibm.com/software/htp/cics/cicsdt/>

CICS TS 5.2 Value Unit Edition

- CICS TS Value Unit Edition (VUE) V5.2 offers a one-time-charge (OTC) price metric for eligible workloads that are deployed in qualified System z New Application License Charge (zNALC) logical partitions (LPARs).
- The term Eligible Workload is defined as net new Java workload that executes within the CICS TS VUE Java Virtual Machine (JVM) server environment, on condition that the workload is qualified and approved through the zNALC qualification process.
- The OTC price metric provides an alternative pricing model for new CICS Java applications and new CICS Java-based, service enablement workloads.
- CICS TS VUE V5.2 is available through the normal ordering channels for IBM z/OS software. For more information, an IBM representative should be contacted.

CICS TS 5.2 Key Prerequisites

- The minimum required level of operating system for CICS TS V5.2 is IBM z/OS V1.13 (5694-A01).
- The minimum required level of Java is IBM 64-bit SDK for z/OS, Java Technology Edition, V7 SR1.

CICS TS 5.2 Support for IBM GDPS Active-Active continuous availability



- CICS TS V5 and CICS VR V5 provide support for the replication of VSAM data for IBM GDPS Active-Active continuous availability.
 - The Active-Active Sites concept is two data center sites, separated by unlimited distances, running the same applications and having the same data to provide cross-site workload balancing and continuous availability and disaster recovery.
 - This is a fundamental paradigm shift from a failover model to a continuous availability model. This concept is designed to achieve unlimited distances between data center sites AND to achieve the recovery time objectives of one minute or less previously available only in a metro area solution.
 - The previously available active-standby configuration supported replication of DB2 and IMS data. This is now expanded to include VSAM data. Additionally, with a new Active-Query configuration, it is possible to use the capacity in the secondary site and take advantage of an additional workload balancing capability.
- VSAM datasets requiring replication can be defined with new replication attributes.
 - CICS TS produces replication log records capturing the updates made to the VSAM files by online transactions.
 - CICS VR provides the same replication logging support when the VSAM datasets are offline and being updated by batch.
 - The replication log records are used by InfoSphere Data Replication for VSAM for z/OS which provides the cross site replication capability.
 - IBM Multi-site Workload Lifeline provides routing services while IBM GDPS Active-Active, IBM System Automation for z/OS, and IBM Tivoli® NetView® Monitoring for GDPS provides the automation platform, as well as the monitoring and visualization of key performance and availability metrics.



CICS TS 5.2 Stabilization of Support and Discontinued Function

- The CICS TS ApplicationHandler Java interface, which can be used to write SOAP web services provider pipeline application handlers in an Axis2 JVM server, is no longer supported.
 - Clients who want to write SOAP web services for CICS TS in Java, or to customize pipeline processing in Java, are encouraged to use Java API for XML Web Services (JAX-WS) facilities in the Liberty JVM server web container.
- From the release of CICS TS V2.1, in March 2001, CICS Distributed Data Management (DDM) provides Parallel Sysplex® support for VSAM data sharing, Sysplex-wide logging and journal management, and CICS temporary storage data sharing for CICS TS. CICS DDM is no longer available from IBM and support was discontinued, as of December 31, 2003. CICS DDM is no longer available in CICS TS from Version 5.2 onwards.
- In CICS TS V5.2, support for defaulting ciphers WEAK and MEDIUM has been withdrawn. Instead, CICS TS V5.2 now supports stronger cryptographic ciphers, as defined in NIST Special Publication 800-131A.

CICS TS 5.2 Feature Pack for Dynamic Scripting

- CICS TS Feature Pack for Dynamic Scripting V1.0 runs on CICS TS V4.1 only.
- CICS TS Feature Pack for Dynamic Scripting V1.1 runs on CICS TS V4.2 only.
- CICS TS Feature Pack for Dynamic Scripting V2.0 runs on CICS TS V5.1 and CICS TS V5.2 only.

CICS TS 5.2 User Requirements

- CICS TS V5.2 satisfies over one hundred user requirements. For a full list visit:
 - <http://www-01.ibm.com/support/docview.wss?uid=swg27041548>
- CICS should issue a warning message when total number of DB2 threads (sum of THREADLIMIT values on DB2ENTRYs and DB2CONN) is greater than the TCBLIMIT on the DB2CON definition.
- Reduce minimum delay for EXEC CICS DELAY from 1 second to smaller intervals (hundredths of a second).
- Enhance DFHLS2WS and WEBServices Translation services for Cobol Copybooks containing COBOL OCCURS nn DEPENDING ON variable-x.
- When coding an assembler command level CICS program, although there is nothing stop a programmer from coding R13 as a, or one of the, CODEREG registers (unless perhaps using the LEASM option). However, using R13 as a CODEREG is not valid, as the program will abend when it is invoked. The DFHEIENT macro should generate an error if a programmer specifies R13 as one of the CODEREG values.

CICS TS 5.2 User Requirements



- In statistic, transaction management report, there is a field Peak Active User transactions , XMGPAT. In transaction class report, there is a field Peak Active XMCPAT. Customer want to add a new field in these two report to record the time when peak happen. CICS also records the times MXT happened. It is also very helpful it we can record the time last MXT happens or the time of last several times MXT happens.
- In CICS4.2, TSQ can be removed from main storage automatically after expiry interval. Customer wants same function for shared TSQ in CF
- CICS currently puts out messages when it goes into an SOS condition and another set of messages when it is able to clear it.
 - If CICS is able to recover on its own, the customer doesn't really need to know about it.
 - If CICS is not able to clear the SOS condition, the customer needs to know that fact.
 - Would like additional messages added to indicate that CICS has not been able to clear the SOS condition.
- When a CICS region goes SOS NQEA control blocks on the freechain are not freed. This results in tasks waiting for storage to complete and never being able to run because there are many NQEAs on the FREECHAIN. The storage should be freed to assist in eliminating the SOS condition so CICS will not have to be recycled.



CICS L2 and the Beta Program



- When the BETA Program is opened up to our customers we are encouraged to participate in the BETA Program as well. It allows us to get a bit of a glimpse of the product from the other side of the coin and to test out some of the new technologies that are included in new releases. I personally have participated in the CICS TS 4.1 and the CICS TS 5.2 Beta program.
- During the program we participate in it like any customers would. We are asked to:
 - Use the sample applications that are provided (Ex. GENAPP)
 - Test and use the CICS Explorer and the CICS Tools plugins
 - Post questions and concerns to the BETA Forum and use the Beta Infocenter/Knowledge center
- Some of the limitations that we run into are:
 - Time, we have to find a balance between working the queues handling PMRs and still allotting time for testing
 - Since we deal so much with working on PMRs and specific problems, we do not get a lot of experience with System Programmer/Application Programmer type duties (Installing and working with Vendor applications, installing the product itself, etc)
 - Our regions are 'bare bones' in the sense that we only have CICS/IBM products and tools on our regions



CICS L2 and the Beta Program



- Some of the biggest benefits of our participation in the Beta program are:
 - We get a small glimpse into some of the issues that our customers are running into when attempting to work with CICS systems. Whether it is bringing them up, trying to figure out random errors, JCL problems, allocating the correct datasets, managing storage usage, etc
 - We gain a familiarity with some of the new aspects of the product that customers will take advantage of and open up PMR's for if they have problems.
 - The beta forums provide a place where we can engage in conversations about the product with L2, L3 and Customers – all in one place. We may run into issues with the Beta code and need assistance in trying to figure out the problem and there are times where the problem is solved by input given from a programmer in one of our customers shops who is a participant in the Beta program. It allows them to pass knowledge and tips on to us.
 - It allows us to gain some experience in working on areas of the product that may not be areas that are our strong points. Doing this can perhaps help you the next time a PMR comes in as it can allow you to respond back with a resolution faster because you are more familiar with that specific area. And if your focus on the Beta team is on an area that you are already familiar with, it can allow you to get even stronger in that area.



HIPER CICS 5.2 APARs (PI19821)

- APAR Abstract - CICS CLOUD PRIVATE PROGRAM TOPOLOGY CRESRPGM RECORD COUNT MISMATCH FOLLOWING CMAS RESTART
- ERROR Summary - After installing an application containing a program with an entry point, you check the CRESRPGM (A CPSM object that describes an instance of a program within a CICS® system) records. You then enable the application and make it available and the CRESRPGM records show the same results as they showed before. However, after the CMAS is restarted the CRESRPGM record will display an additional record (a public and a private instance)
- Problem Conclusion - The CICS Program Domain has been updated to make sure that:
 - The XRSINDI global user exit is called with a valid UEPAPPTK argument when discarding a private program.
 - XRSINDI is called when an entry point program is made AVAILABLE or UNAVAILABLE.
 - XRSINDI is called twice when it is discovered that an auto-installed private program is loaded from a public library firstly when the private program entry is removed, and secondly when it is added as a public program.

HIPER CICS 5.2 APARs (PI21385)

- APAR Abstract: CICS LOOP IN DFHFCRO WHILE CLOSING AN RLS FILE
- ERROR Summary: Your CICS region hangs due to a loop in module DFHFCRO. The loop can be seen in MVS system trace. The loop occurs under the CFQR task while trying to close and deallocate a dataset. The loop occurs while trying to remove the file from the chain of Open RLS ACBs. The problem started earlier with a DFHFC0001 0C4 that occurred during a call to deallocate the dataset. After the 0C4, the file being closed was left on the Open RLS ACB chain. The next time the file was opened, it is added to the RLS chain again. And during a QUIESCE of a dataset, CICS goes into a loop since the file is on the open ACB chain twice.
- Problem Conclusion: DFHFCRO has been changed to deallocate the data set after the FC_RLS_ACB_CHAIN has been modified to remove the file.

HIPER CICS 5.2 APARs (PI20398)

- APAR Abstract: CICS TS 5.2 DFHPC0409 ABENDS AZTA AND AZTA HAVE BEEN ISSUED WHILE PROCESSING ABEND AZI3 FOR THE SAME TASK, TRANSACTION CEDF
- ERROR Summary:
 - The original problem was reported against CEDF in a TOR running a transaction in an AOR when the TOR used a non-zero RTIMEOUT value in single terminal mode.
 - Exceeding the RTIMEOUT value results in an AZI3 abend in the AOR, and the recovery routine in DFHEDFP is entered. The addresses in registers 2 and 7 that are used to address storage are not valid, and when register 2 is used in a subsequent DFHXMIQM macro, the terminal is not removed from the CEDF task, which results in the AZTA abends, which in turn cause the PC0409 abend and the AOR is terminated.
 - The CEDF session in the TOR shows an abend, but the TOR is not terminated.
- Problem Conclusion: DFHEDFP has been changed to correct the error in its recovery routine.

List of CICS 5.2 APARs

- PI20232 - INSUFFICIENT STRINGS FOR DFHCSD ACCESS CSACSDCT NOT DECREMENTED
- PI20226 - CHANGE PASSWORD COMMAND ISSUED WITH 'BLANK' PASSWORD FAILS WITH ABEND AEIV
- PI21617 - EIBFN INCORRECT AFTER EXEC CICS SET MQCONN
- PI20203 - JAVA.LANG.EXCEPTION: NO CICS-MAINCLASS SERVICES WITH THE CLASSNAME XY COULD BE FOUND.
- PI20193 - DFHSR0622 AN ATTEMPT TO OVERWRITE THE ERDSA AND DFHAP0001 ABEND (CODE 0C4/AKEA) IN DFHZIS2.
- PI19257 - INVALIDSECURITYTOKEN SOAP FAULT WHEN USING KERBEROS VALIDATION IN CICS TOGETHER WITH ENCRYPTION/SIGNATURES
- PI19198 - VERBX DFHPD690 'SM' NOT DISPLAYING NUMBER OF SUBPOOL GETS AND FREES CORRECTLY
- PI22617 - JVM SERVER DEADLOCK OCCURS WHEN REDUCING THREADLIMIT
- PI19206 - CICS JVM SERVER .JVMPROFILE RESOURCES CAN NOT BE INSTALLED FROM A SUBDIRECTORY INSIDE A CICS BUNDLE
- PI18398 - FIXED POINT OVERFLOW EXCEPTION IN DFHKEDOM (UK73859 LEVEL) AT OFFSET X'C9A'. .

List of CICS 5.2 APARs

- PI20222 - DFHTD0002 SEVERE ERROR (CODE X'F6AD') HAS OCCURRED IN MODULE DFHTDA.
- PI20205 - QR TCB STUCK IN A WAIT OUT OF DFHKETA ON THE KCB_KE_LOCK
- PI20199 - EXPIRED PASSWORD CALLS DFHWBPW WHICH CAUSES A STORAGE VIOLATION
- PI20188 - DFHSM0131 CICS IS UNDER STRESS SOS BELOW 16MB CDSA KESTK24E MODULE DFHEIQSC GETS STACKS STORAGE BECAUSE SMOD
- PI19823 - TDQUEUE CANNOT ALTER ATTRIBUTE(ERROROPTION) FROM 'SKIP' TO 'IGNORE' USING EXEC CICS CSD
- PI22642 - DFHSM0002 CODE X'0317' FREEMAIN_LENGTH_OVERLAYS_NEXT_SCF REMARK(XMATCTXT)
- PI22567 - READQ TD CAUSES DFHAP0002 SEVERE ERROR E117 IN DFHEISR FOLLOWED BY DFHTD0180 AND REGION CRASHES WITH U1800
- PI20200 - DFHWP0002 A SEVERE ERROR (CODE X'032C') HAS OCCURRED IN MODULE DFHWPAPF.
- PI20206 - RECEIVING DFHSO0001 ABEND 0C4 IN DFH SOCK AT OFFSET X'24C4'.
- PI20227 - DFHMQ0704 IS SENT AS AN ERROR SITUATION, EVEN IT IS NOT.
- PI20235 - DFHDS0001 AN ABEND (CODE 04F/AKEX) HAS OCCURRED AT OFF SET X'0F8E' IN MODULE DFHDS3

List of CICS 5.2 APARs

- PI20750 - INCOMPATIBILITY WITH REQUESTS FROM PREVIOUS CICS RELEASES, FOR SHARED TS SERVER IN CICS TS 5.2
- PI22567 - READQ TD CAUSES DFHAP0002 SEVERE ERROR E117 IN DFHEISR FOLLOWED BY DFHTD0180 AND REGION CRASHES WITH U1800
- PI20200 - DFHWB0002 A SEVERE ERROR (CODE X'032C') HAS OCCURRED IN MODULE DFHWBAPF.
- PI20206 - RECEIVING DFHSO0001 ABEND 0C4 IN DFH SOCK AT OFFSET X'24C4'.
- PI20227 - DFHMQ0704 IS SENT AS AN ERROR SITUATION, EVEN IT IS NOT.
- PI20235 - DFHDS0001 AN ABEND (CODE 04F/AKEX) HAS OCCURRED AT OFFSET X'0F8E' IN MODULE DFHDS3
- PI20398 - CICS TS 5.2 DFHPC0409 ABENDS AZTA AND AZTA HAVE BEEN ISSUED WHILE PROCESSING ABEND AZI3 FOR THE SAME TASK, T
- PI20750 - INCOMPATIBILITY WITH REQUESTS FROM PREVIOUS CICS RELEASES, FOR SHARED TS SERVER IN CICS TS 5.2
- PI15957 - DFHAP0001 S0C4 AKEA ABEND HAS OCCURRED AT OFFSET X'00000800' IN MODULE DFHMGP
- PI16795 - ASRA OCCURRED IN MODULE DFHTDEXL CSECT DFHTDEXL AT OFFSET X'D0' AFTER UPGRADE TO CICS TS 5.1.
- PI19203 - REMOTE FILE IN BUNDLE HANGS IN ENABLING STATE

List of CICS 5.2 APARs

- PI20023 - USER CORRELATOR DATA IS NOT BEING PLACED INTO THE MONITORING AREA FOR THE TOR TASK. XAPADMGR (UEPUCD)
- PI20180 - SOS DUE TO IE_BUFF SUBPOOL USAGE IN ESDSA FOR ECI REQUEST WHEN CICS SOCKET RECEIVE TIMES OUT
- PI20201 - EXEC CICS CSD ALTER COMMAND RESP 119 CSDERR NO DFHCA48XX MESSAGE
- PI20224 - CEMT SET TERM(*) COMMAND CAUSES UNPREDICTIBLE ABENDS/OVERLAYS
- PI20231 - DFHCF0999I TRACE DFHCFCFR INVALID CRREQ/CROPT SYSTEM COMPLETION CODE S0C6
- PI21717 - WRITE-ADD-COMPLETE RECORDS OUT OF ORDER FOR NON-RECOVERABLE ESDS FILES WHEN DEFINED TO REQUEST ASYNCHRON
- PI21971 - CICS ISSUES CATALOG DELETE FOR BUNDLE DEFINED PROGRAM

CICS TS 5.2 Important Links

- Fix List for CICS TS 5.2:
 - <http://www-01.ibm.com/support/docview.wss?uid=swg27042390>
- CICS TS 5.2 Knowledge center:
 - http://www-01.ibm.com/support/knowledgecenter/SSGMCP_5.2.0/com.ibm.cics.ts.home.doc/welcomePage/welcomePage.html

Questions

I ♥ CICS