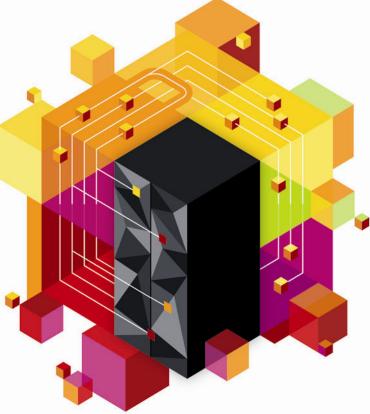


### Session 13157: Lunch and Learn: Live demo! New IBM CICS Tools and IBM Problem Determination Tools



Presenter – Eric Higgins <u>erichiggins@us.ibm.com</u> Vikram Manchala <u>vikramm@us.ibm.com</u>



Date 02/05/2013





**Preface** 

- The following terms are trademarks or registered trademarks of the International Business Machines Corporation in the United States and/or other countries:
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- Microsoft, Windows, and the Windows logo are trademarks of Microsoft Corporation in the United States, other countries, or both.
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### **IBM Problem Determination Tools Version 12.1**



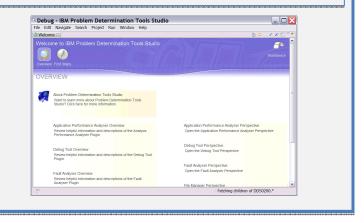
### Tools to address your z/OS Development or System Programming needs

What's new in PD Tools V12.1

- New IBM Problem Determination Tools Studio pre-packaged with plug-ins
- File Manager DB2 and CICS plug-in
- Initial Workload Simulator plug-in
- Enhanced integration and synergy amongst PD Tools, CICS Explorer and/or IMS Explorer taking advantage of newly announce common z/OS Explorer capabilities
- CICS TS 4.2, IMS V12, MQ 8.1 updates to ensure synchronization with latest subsystems
- Improved Java support in APA and FA

#### PD Tools provides ...

- Five tools addressing z/OS problem resolution needs - Debug Tool, Fault Analyzer, File Manager, Application Performance Analyzer and Workload Simulator
- Subsystem and language support traversing z/OS provided in a timely manner when subsystems and languages are updated
- Improved TCO with full function tools at competitive price







### Five core CICS Tools – Day one CICS TS V5.1 exploitation

Fully integrated with CICS TS & CICS Explorer

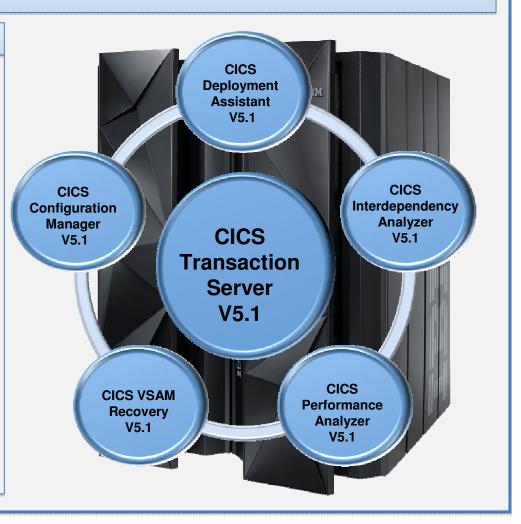
•Discovery and visualization aids insight into application and platform dependencies

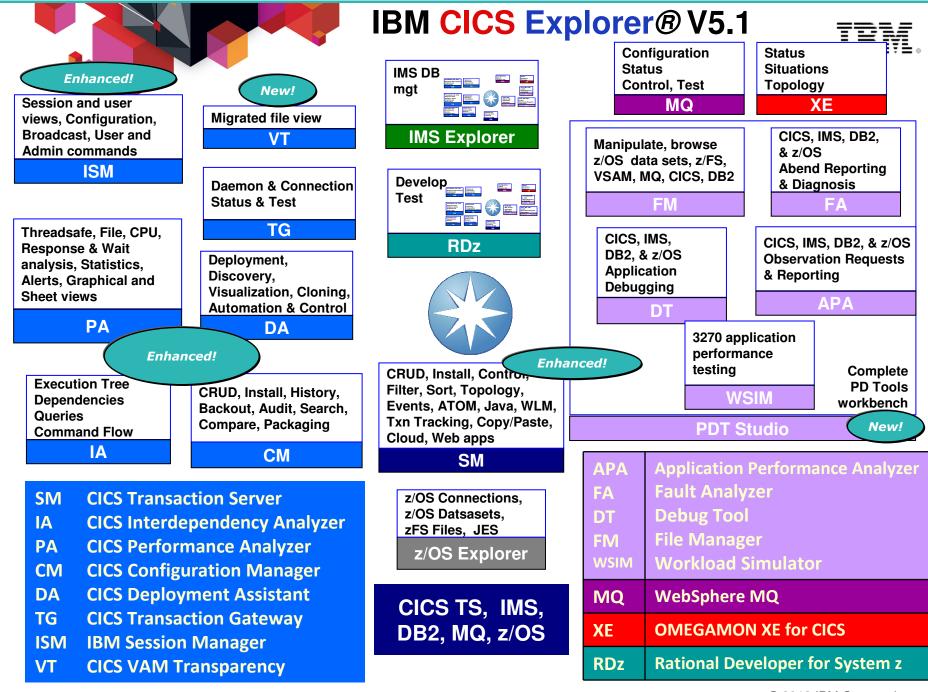
•Automation speeds service delivery and ensures standardization and governance

•Modern, integrated user interfaces lower skills barrier

•Day-1 exploitation of CICS TS V5.1 new capabilities reduces time to value

•Five core tools support and extend the CICS runtime





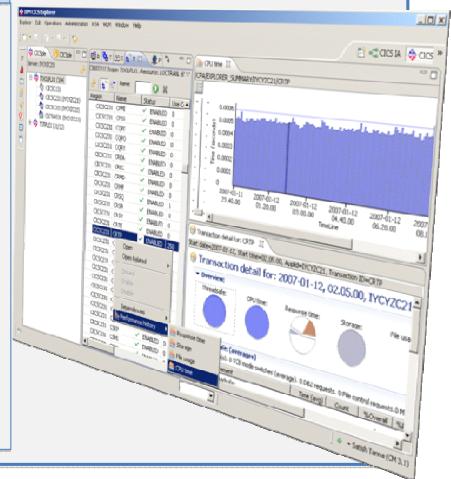




### Live Demonstration via CICS Explorer Using PD and CICS tools plug-ins

The General Insurance Application (GENAPP)

- The general insurance application is a working COBOL application that you can use to try out different features of CICS.
- The general insurance application simulates transactions made by an insurance company to create and manage its customers and insurance policies.
- The application provides sample data and a 3270 interface for creating and inquiring on customers and policy information. Because the application is designed to simulate the flow of an application, some aspects of the application architecture do not use best practices.
- However, the application is designed to be extended to demonstrate other ways of accessing and transforming traditional applications that are best practices.
- GENAPP is available described in greater detail in the CICS V51 info-center and is also available as suportpac CB12.







### Lunch and Learn: Live demo! New IBM CICS Tools and IBM Problem Determination Tools Efficiently Support the z/OS Ecosystem

### **Product Descriptions and Sources of Information**



### **CICS** Deployment Assistant for z/OS V5.1

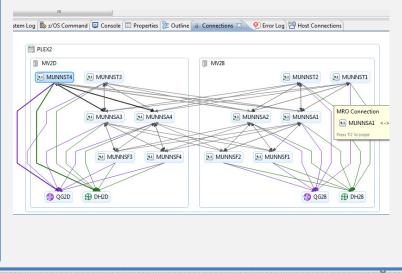
### CICS Discovery and Provisioning

What's new in CICS DA V5.1...

- Enriched discovery of over 30 entities
- Improved visualization with tagging and filtering
- Connections view with scoping
- Export model for external reporting
- CICS TS V5.1 upgrade cheat sheet
- Tagging and filtering of model elements
- New navigators
- Clone JCL improvements
- IPv6 support
- Virtual IP addressing support
- Serviceability enhancements

CICS DA enables you to...

- Visualize and manage your CICS topology
- · Discover existing regions and sub-systems
- Automation creates new CICSplex
- Plexify and clone CICS regions
- Start and stop a CICS region



### IBM.

### **CICS Performance Analyzer for z/OS V5.1**

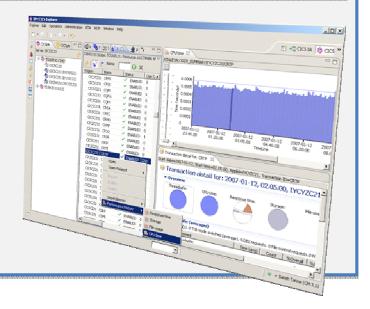
### Performance insight

What's new in CICS PA V5.1...

- CICS TS V5.1 support for new metrics
- Application, Platform, and Policy
- Plug-in enhancements:
  - Application centric view
  - Customizable sheet views
  - Suspend time reporting
  - Easy navigation to key reports and alerts
- SMF log stream support
- Batch statistics reporting for CICS TG
- Improved management of PA data loaded to DB2
- CPU totals on MQ reports
- SMF data processing performance improvements

#### CICS PA enables you to ...

- Comprehensive Performance Reporting and Analysis for CICS including DB2, WebSphere MQ, and MVS System Logger
- Understand trends and develop capacity plans
- View statistics and create statistical alerts





### **CICS Interdependency Analyzer for z/OS V5.1**



### Application Understanding

What's new in CICS IA V5.1...

• Support for CICS Transaction Server V5.1,

including enhanced business application analysis

- New threadsafe analysis plug-in view and report
- Improved installation and configuration
- DB2 data lifecycle management
- Native SQL language stored procedures
- Graphical visualization view of resources

#### CICS IA enables you to...

- Identify threadsafe / non-threadsafe programs
- · Isolate and remove affinities
- Speed CICSPlex® SM workload management
- Advanced CICS command flow analysis
- Highlight CICS web service candidates

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### Application Performance Analyzer for z/OS (APA) V12.1



### Pinpoint enterprise application bottlenecks

What's new in APA V12.1?	APA enables you to
<ul> <li>Enhanced plug-in for CICS Explorer</li> <li>Integration with z/OS Explorer credentials and connections</li> <li>Reduced memory requirement</li> <li>Improved CICS and DASD report accuracy</li> <li>Sticky notes</li> <li>Save report as HTML, PDF, XML</li> <li>Email reports</li> <li>SSL and pass-phrase support</li> <li>Numerous other enhancements</li> </ul>	<ul> <li>Measure and report resource use in virtually any IBM z/OS® address space</li> <li>Isolates application performance problems across entire application – subsystems (DB2, IMS, CICS, MQ, USS, WAS), languages, and DASD</li> <li>Identify constraints</li> <li>Non-intrusive</li> <li>Helps with design, development and maintenance</li> <li>Shares side files with Fault Analyzer and Debug Tool</li> <li>Broad product support: <ul> <li>C/C++, Assembler, COBOL, PL/I, Java V6.0.1, CICS TS V4.2, IMS V12, DB2, WebSphere MQ, and WebSphere Application Server</li> </ul> </li> </ul>





### Fault Analyzer for z/OS (FA)

Pinpoint the cause of enterprise application failures

What's new in FA V12.1...

- Enhanced plug-in for CICS Explorer •
- Integration with z/OS Explorer credentials and connections
- Pass-phrase support ٠
- Java enhancements
- Usability enhancements ٠

#### FA enables you to...

- Detailed report about program failures ٠
- Fault-history file to track and manage application ٠ failures and fault reports
- · View storage contents, trace tables and terminal screen images at the time of failure
- Customize message descriptions for failure reports ٠
- Control which users can access history files •
- Plug-in support for CICS Explorer, RDz, and IMS **Enterprise Explorer**



# IBM Debug Tool for z/OS V12.1

What's new in DT V12.1	DT enables you to
<ul> <li>Enhanced plug-in for CICS Explorer</li> <li>DTCN profile plug-in integrated with CICS Explorer</li> <li>Startup at subprogram boundary</li> <li>Dynamic debugging supports applications using XPLINK linkage</li> <li>Consolidated user exits</li> <li>Enhanced remote security</li> <li>Numerous other enhancements</li> <li>Support for CICS TS V5.1 and IMS V12</li> </ul>	<ul> <li>Debug applications in CICS, IMS, DB2 Stored Procedures and UNIX System Services</li> <li>Source-level debugging, Multiple Conditional Unconditional breakpoints, Step mode debugging, Dynamic patching (Modify variables and Insert statements), log commands, Frequency sampler, Programmable command entry, etc</li> <li>Identify old OS/VS COBOL &amp; VS COBOL II source code and upgrade it to IBM Enterprise COBOL or ANSI 85 standard</li> <li>One tool debugs batch, TSO, CICS, DB2, DB2 stored procedures and IMS applications written in COBOL, PL/I, C/C++ and Assembler</li> <li>Integrated development, test and debugging environment with CICS Explorer, RDz, and IMS Enterprise Explorer</li> <li>Code coverage tools</li> </ul>



### File Manager for z/OS (FM) V12.1

What's new in FM V12.1?	FM enables you to
Enhanced plug-in for CICS Explorer, including: Support for z/OS data sets, zFS files, CICS Files, TS and TS queues, MQ queues, and DB2 databases Integration with z/OS Explorer credentials and connections Support for CICS TS V5.1 and IMS V12 Other Base, DB2, IMS, and plug-in enhancements	<ul> <li>Select, create, browse, copy, edit, print, and format or reformat data files</li> <li>Manipulate data using COBOL and PL/I record layouts interactively or in batch.</li> <li>Comprehensive, user-friendly, batch and interactive utilities extends standard ISPF</li> <li>Access CICS resources with CICS transaction</li> <li>Audit logging and scrambling allow development and production use</li> <li>SQL Prototyping and Execution</li> <li>Broad product support: <ul> <li>Works with, CICS, DB2, IMS and z/OS (QSAW VSAM, PDS, zFS) data</li> <li>Plug-in support for CICS Explorer, RDz, and IMS Enterprise Explorer</li> </ul> </li> </ul>



### **CICS Configuration Manager for z/OS V5.1**



### Single point of control over CICS resource definitions

What's new in CICS CM V5.1...

- Application, Platform, and Policy resources
- Enhanced plug-in with Packaging and Deployment Analysis
- Sort in Package view and Ready list
- ADD/REMOVE CSD group to/from LIST during Migrate operation
- Option to automatically remove empty Groups from CSD List
- SSL support for plug-in connection
- Audit trail for Install and NewCopy

#### CICS CM enables you to...

- Manage changes throughout the life-cycle
- Create reports to identify redundant definitions, show resource relationships, and change management history
- Manage audit, back-out and change authorizations

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#### Reduce the risk to your VSAM Data What's new in CICS VR V5.1... CICS VR enables you to... Supports backups created by Backup-Replication logging in support of the ٠ While-Open (BWO) **GDPS-Active-Active availability** Automate recovery solution Test forward recovery and backout Produce disaster recovery reports Batch logging enhancements ٠ Backed-up data CICS TS and

CICSVR

**CICSVR** complete recovery

- Batch backout improvements
- Migration utility enhancements
- Logstream printing and other usability enhancements



### CICS VSAM Transparency for z/OS V2.1



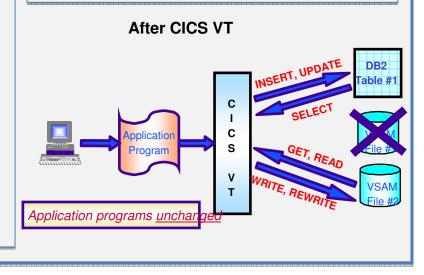
### Modernize your CICS and batch VSAM data

#### What's new in CICS VT V2.1...

- Auto-generate customized data migration JCL
- Enhanced IDCAMS REPRO support
- New migration tracking report
- Improved diagnostic facilities
- Support for CICS® Transaction Server V5.1 and DB2® 10
- Other functional enhancements
  - Long column name support
  - HLL support for user exits
  - RRS support in batch
  - Read-only DDM
  - Dynamic DST update
- New plug-in for CICS Explorer

#### CICS VT enables you to...

- Migrate VSAM files to DB2 without changing application programs
- · Maintain single copy of the data
- CICS and batch programs access data in DB2 under the control of CICS VT
- Access migrated DB2 data natively using SQL





### IBM Workload Simulator for z/OS (WSIM)



#### Regression and load test interactive z/OS applications

What's new in WSIM V12.1...

 Integrated plug-in for CICS Explorer, RDz, and IMS Enterprise Explorer

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<ul> <li>▲ [⇒] Test Case</li> <li>♦ CASE3</li> <li>♦ CA</li> <li>♦ CA</li> <li>♦ CA</li> <li>♦ CA</li> <li>♦ CA</li> <li>♦ CA</li> <li>► Test G</li> </ul>	New Test Case Edit STL Notes Translate UTBL View	Test case information         Name:       CASE3         Description:       V       case1         Other information       Type:       CPIC         Notes flag:       UTLB counts:       UTLB counts:
Outline 🛿 outline is not availal		

#### WSIM enables you to...

- Drive 3270 performance test workload on System z
- Broad protocol support
- SNA, CPI-C (LU 6.2), and enhanced TCP/IP support, Telnet 3270, 3270E, and 5250 clients, Telnet line mode network virtual terminal clients, Simple TCP and UDP clients, File transfer protocol (FTP) clients
- Multiple client applications that run on top of TCP/IP
- SNA LU simulation
- Test manager (WTM) guides the user through the test process.
- Extensive run-time, script-generating, and post-test utilities
- ISPF Interface
- Plug-in support for CICS Explorer, RDz, and IMS Enterprise Explorer

# CICS and PD Tools Solution

Requirement	Business Flexibility	IT Service Managemen t	Governance & Compliance	Reduced TCO
CICS Deployment Assistant	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
CICS Interdependency Analyzer	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
CICS Transaction Gateway	$\checkmark$			$\checkmark$
CICS VSAM Transparency	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
CICS Configuration Manager	$\checkmark$	$\checkmark$		$\checkmark$
CICS Performance Analyzer	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
CICS VSAM Recovery		$\checkmark$	$\checkmark$	$\checkmark$
CICS Batch Application Control		$\checkmark$		$\checkmark$
IBM Session Manager		$\checkmark$	$\checkmark$	$\checkmark$
CICS Online Transmission Time Optimizer		$\checkmark$		$\checkmark$
Application Performance Analyzer for z/OS	$\checkmark$			$\checkmark$
Fault Analyzer for z/OS				
Debug Tool for z/OS				$\checkmark$
File Manager for z/OS	$\checkmark$		$\checkmark$	$\checkmark$
Workload Simulator for z/OS	$\checkmark$	$\checkmark$		$\checkmark$

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**CICS Tools** 

PD Tools





### **CICS TS V5.1 Evaluations. No Cost. No Fuss.**

### CICS Transaction Server for z/OS V5.1 Developer Trial

- Try-before-you-buy the latest production ready edition of CICS Transaction Server
- Zero-cost license, no single version charging (SVC) period, no reason to wait
- Easy ordering via IBM ShopzSeries, with internet or physical delivery options

What's new with the Developer Trial?

 Evaluate the value of a CICS TS upgrade, before committing time and resources to a production migration project.

 Explore all CICS TS V5.1 features and benefits, in non-production environments only.

 Decide to upgrade to CICS TS V5.1 the latest production ready release of CICS TS that delivers major enhancements in five key areas Get ready for the cloud with CICS TS V5.1





### **GENAPP – SupportPac and Redpaper**

- GENAPP is available to customers as SupportPac CB12, at no extra cost
  - Download from <u>http://www-</u> 01.ibm.com/support/docview.wss?r s=1085&uid=swg24031760
- There is a paper based on GENAPP with scenarios in this new IBM Redpaper
  - Download from <u>http://www.redbooks.ibm.com/abstr</u> <u>acts/redp4824.html?Open</u>

Learn How to Perform Popular Business Solutions with the CICS







### **Sources of Information**

### Web

- CICS home page <a href="https://www.ibm.com/cics">ibm.com/cics</a>
- CICS Tools home page <u>ibm.com/cics/tools/</u>
- PD Tools site <u>ibm.com/software/awdtools/deployment/</u>
- CICS Tools trials <u>ibm.com/software/os/zseries/trials/cicstools/</u>
- CICS Explorer home page <a href="https://www.ibm.com/cics/explorer">ibm.com/cics/explorer</a>
- CICS Explorer download page http://ibm.com/cics/explorer/download

### Demos and animations

- CICS Explorer animation <u>http://www.youtube.com/watch?v=-NzWwUi5ILw</u>
- CICS Explorer flash demo featuring Threadsafe Analysis using the CICS PA, CICS IA, and CICS CM perspectives -

http://www.youtube.com/watch?v=Jk3Ydvl8Ino

### Other

 CICS Transaction Server in your SOA - Great source of links to more CICS ecosystem information -<u>ftp://ftp.software.ibm.com/software/htp/cics/presentations/CICS\_TS\_in\_your</u> <u>SOA - Links - Issue 3.ppt</u>



### **Google CICS or check us out at:**

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 twitter.com/IBM\_CICS
 youtube.com/cicsfluff
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 CICS Explorer Forum

 ibm.com/developerworks/forums/forum.jspa?forumID=1475&start=0

 Image: CICS-L list Forum

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- You can now raise and track requirements using the new IBM RFE system for
  - CICS Transaction Server
  - CICS Explorer
  - TXSeries
  - WXTR
  - IBM CICS Tools
  - CICS Transaction Gateway
  - PD Tools



- Existing FITS requirements are currently being processed, and will either be transferred to RFE or closed and returned.
- All brands <u>https://www.ibm.com/developerworks/rfe/</u> select Brand: WebSphere
- WebSphere only <u>https://www.ibm.com/developerworks/rfe/?BRAND\_ID=181</u>
- Select Product Family: Transaction Processing for CICS Transaction Server, TXSeries, and WXTR
- Select Product Family: Enterprise Tooling for the CICS Tools, CICS Transaction Gateway, and PD Tools
- Raise CICS Explorer base requirements against the Explorer component of CICS TS.
- Raise plug-in requirements against the Explorer component of related product.





## **Session 13157**

### Lunch and Learn: Live demo! New IBM CICS Tools and IBM Problem Determination Tools Efficiently Support the z/OS Ecosystem

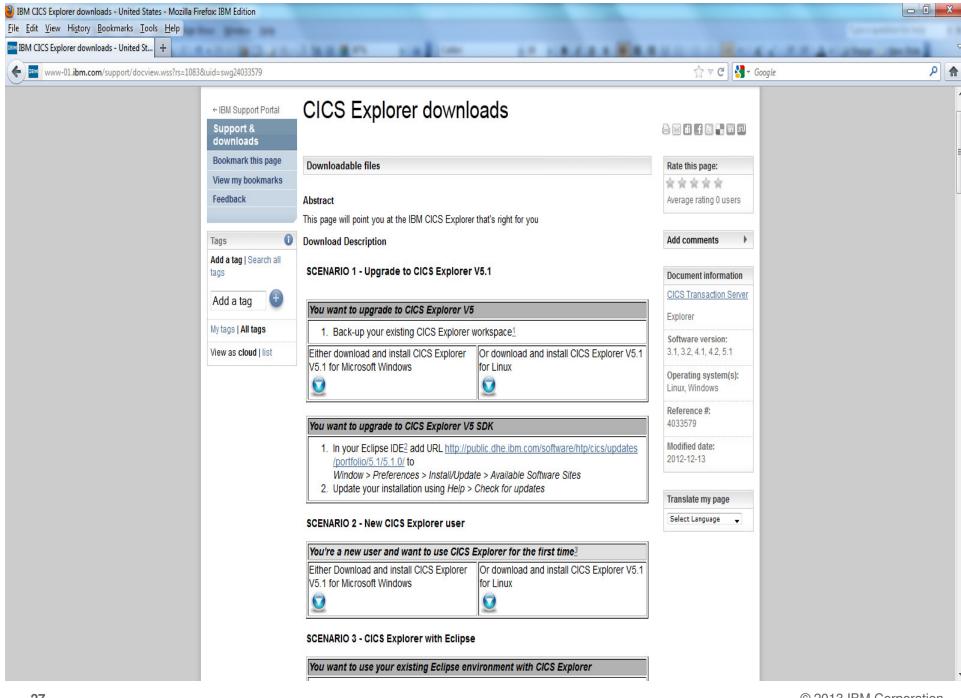
# **Select Demonstration Screen Shots**





### **CICS Explorer Introduction**

 The following slides show basics for installing and customizing the CICS Explorer with the available tooling plug-ins

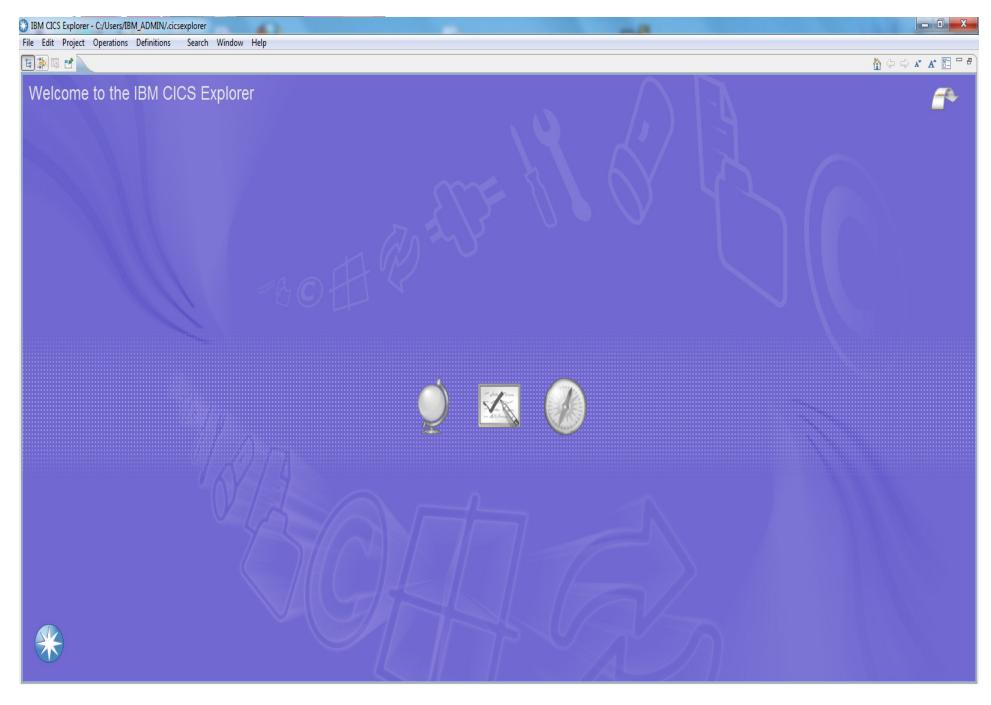


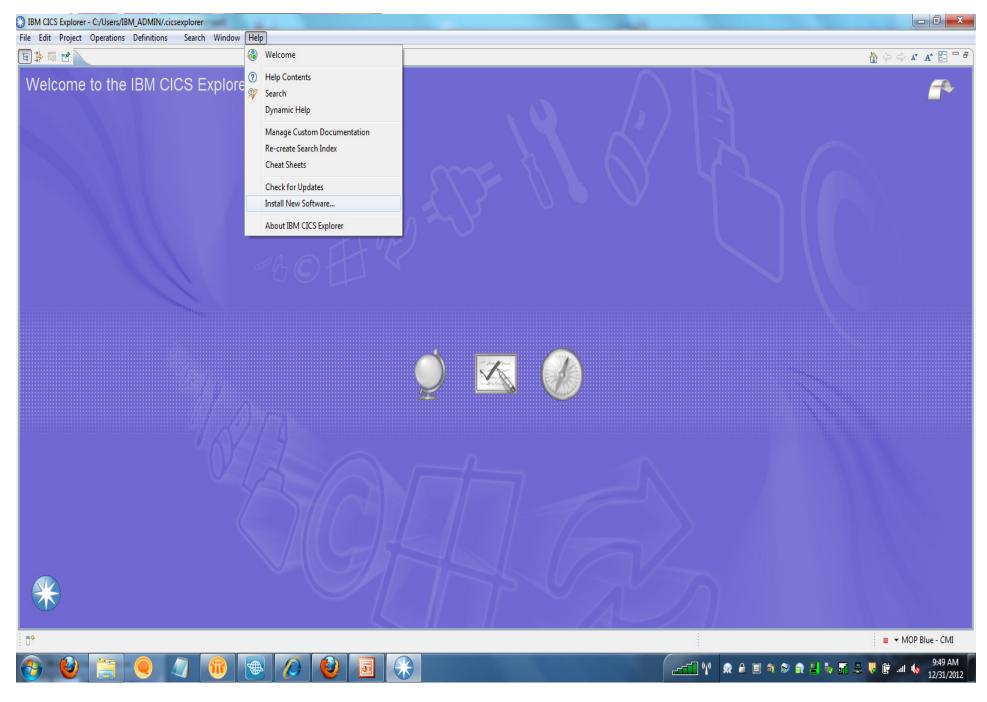
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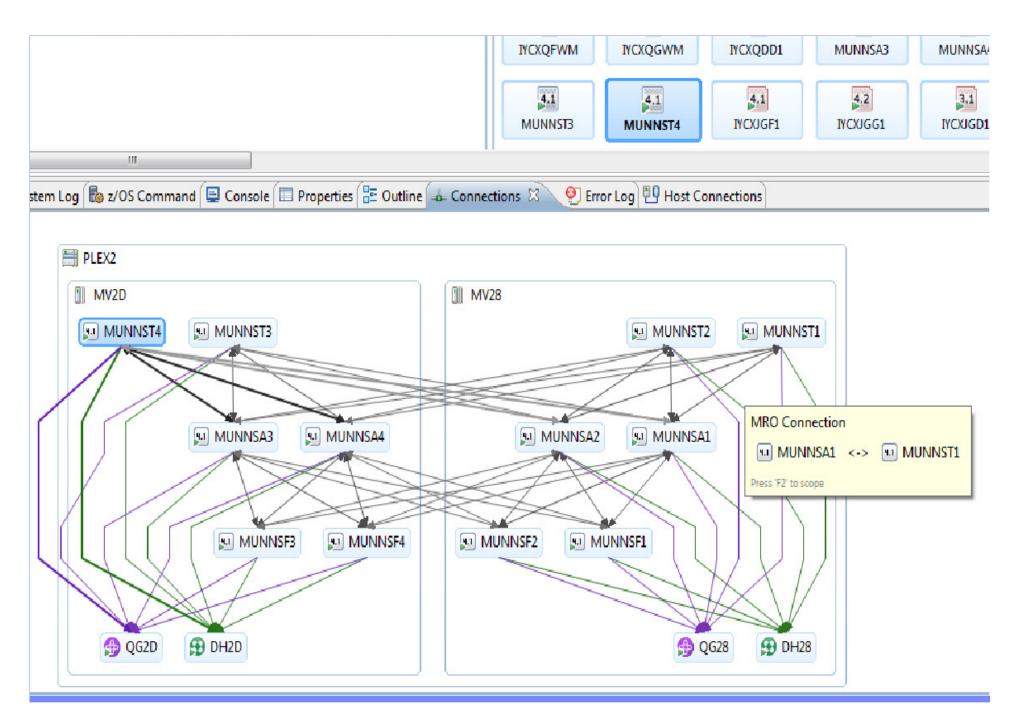




# Use CICS and PD tools to Diagnose a real issue

 The following slides show how CICS and problem determination tooling work together to resolve a real world issue

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<ul> <li>GRP0104 (AOR2 + AOR3)</li> <li>LKGRP (LK Group)</li> </ul>	Basic								
CE LKGRP (LK Group) CE ODDREGNS (Odd Numbered AOR Regions)	Actvtime								
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erver: CPSM	\$						so ₩ + Z Transact	ion ID: SSP1 Ta	sk ID: 🚺 🗱
면급 CICSDAX1 (6/6)		: CICSAOR6. Resource: TAS	K 2 records collected at D	ec 31 2012 11:46:14 Δ	M		V *21		
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WLMMARY CPSM (ACTIVE)	0001185	SSP1	SUSPENDED	DDS0173	Z007	ISZ007	1	DFHTCL01	0:00:24
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CICSAOR1 (CICSACB1)									
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🖉 AORBRCAC (AOR Group CAC BR teste)									
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CICGRP02 (System group for CICSAOR2)									
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CICGRP05 (System group for CICSAOR5)									
🔁 EVNREGNS (Even Numbered Regions)									
🔁 GRP0102 (Grupo aor 1 e 2)	Properties 🕅	🔰 History 🔗 Search	Results 📳 Host Connec	tions					🔋 🛱 🖾 🔁 🗸 🗖
🚰 GRP0103	Property	Value							
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Server: CPSM	CNX0211I Context: Cl	ICSAOR6. R	esource: TASK. 2	records collected at Jan 2	2, 2013 1:16:32 PM					
・ CICSDAX1 (6/6)	Task ID	Transa	action ID	Run Status	User ID	Principal Facility	LU Name	Priority	Class Name	Current Suspend Time
P <sub>a</sub> CICSPLX1 (10/12)	0001297	SSP1			DS0173	Z007	ISZ007	1	DFHTCL09	0:01:02
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CICSAOR4 (CICSACB4)										
CICSAOR5 (CICSACB5)										
CICSAOR6 (CICSACB6)										
CICSAOR7 (CICSACB7)										
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Start Date=2012-01-03, Start time=13.00.00, Applid=CICSA			
t Date=2012-01-03, Start time=13.00.00, Applid=CICSACB6			
Start Date=2012-01-03, Start time=1	3.00.00, Applid=CICSACB6, Ti	isaction ID=SSP1	
Transaction response time (average)			
Average Response tir	ne of 3.390625 seconds.		
· .		Average Suspend time 3.389525 seconds, 100 percent of response time	
		Average Dispatch wait time 0.000011 seconds, 0 percent of suspend time, 0 percent of response time	
		- Average User Dispatch time 0.001100 seconds, 0 percent of response time - Average User CPU time 0.000981 seconds, 89 percent of dispatch time, 0 percent of response time	
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<ul> <li>Performance averages at a glance</li> </ul>			
CICS Response time Suspend time detail CPU	time CICS TCB usage Task Stora	usage File Request activity	
CS Response time (averages)			
transaction(s): 2 TCB mode switches (average). 3.390625 s	econds average response time per transaction		
	Response measurement	Time (avg) Count (avg) %Response %Relative	
	CICS Response time           User Dispatch time	3.390625 0.001100 3	
	User CPU time	0.000981 3 - 89%	
	Suspend time	3.389525 3 100% 100% 0.000011 2	
Restrict tree nodes to those applicable to visible chart. Include available non-zero values only			

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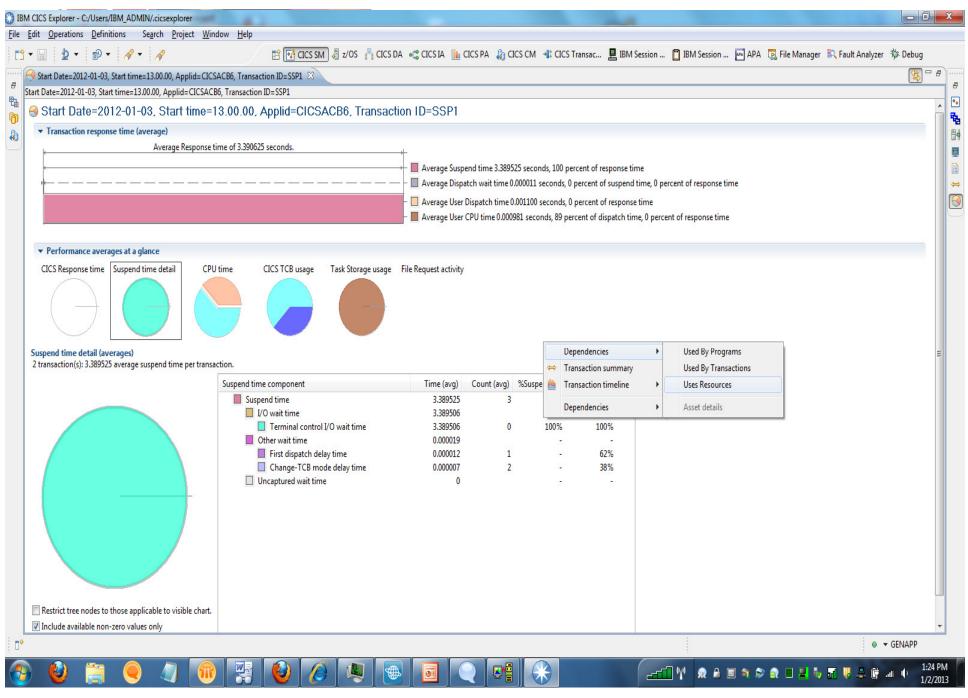
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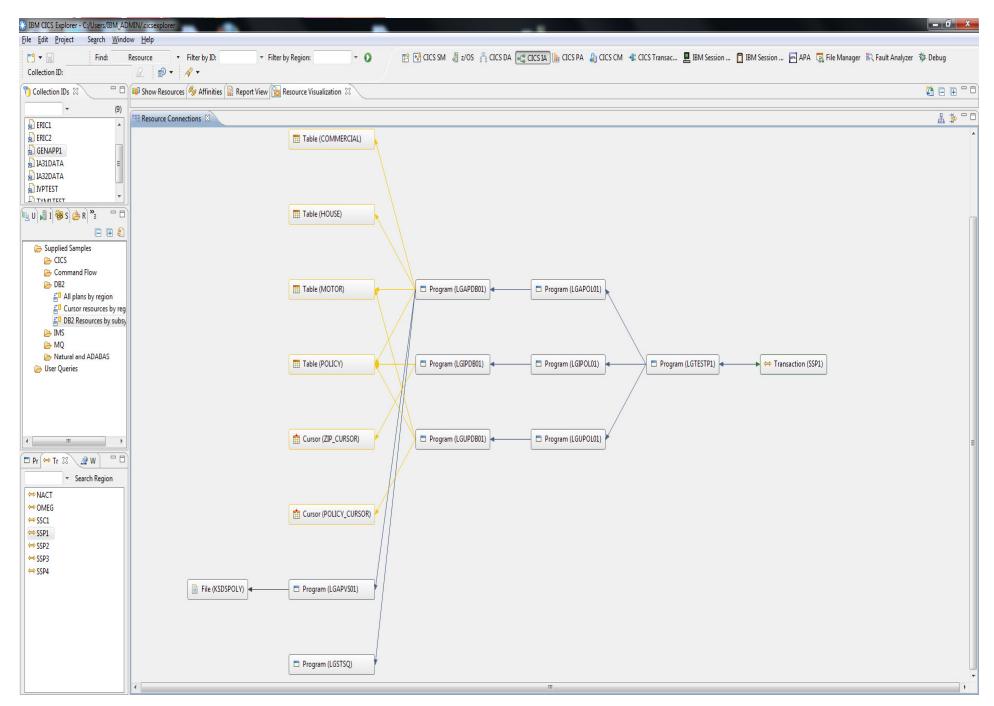
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<b>•</b>	(9)	⊑ 🕀 🗢 🖻 ▼	Transaction(SSP1) in Region CICSACB6	
	<ul> <li>All transactions using files</li> </ul>	(109)	Resources used	<ul> <li>By Resource</li> </ul>
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➢ Affinities	↔ TRANSID (ECDC) (1)		📩 LGUPOL01 (1)	
➢ Exits	🗁 Resource type (FILE) (2)		🗁 Transaction (1)	
🔁 General	ECATALOG		📣 SSP1 (1)	
E All programs using files	EQADPFMB		🗁 MAPSET (1)	
El All transactions by region	↔ TRANSID (ECDD) (1)		CONDITION (1)	
E <sup>1</sup> All transactions using files	🗁 Resource type (FILE) (2)		🗁 Map (1)	
E <sup>0</sup> Commands in QR mode by program	ECATALOG		🔁 AID (1)	
f <sup>0</sup> Programs last used before a given date	EQADPFMB	<b>T</b>	🗁 TEXT (1)	
E Resource usage by program	•tto Used By ⊠		👝 (1)	•
😕 TS41 Migration 🍃 Threadsafe			🐥 🔐 📄 📻 Programs using SSP1	
All programs that issue a GETMAIN SHARED	Programs using File(ECATALOG) in all regions	(10)		
$\pm^{0}$ All programs that issue a GETMAIN	a 🗎 ECATALOG		CICSACB6	
<sup>□</sup> All programs that issue a COMMAN	ECAT30 Endbr,Read,Read next,Startbr		⇔ SSP1	
all programs that issue a LOAD <sup>2</sup> All programs that issue an ADDRESS CWA	ECAD10 Write		📑 LGTESTP1	
Part programs that issue an ADDRESS CWA	ECWORKR Read, Read for update, Rewrite			
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🔤 STC Vi 🛛 🖓 🖓	APA Observations List (CAZO) - Rem	note											🔗 🛱 🔗 📫 🖬 🖪	
	ReqNum 🔻	Owned By	Descrip	iption	Job Name			Date/Time			Samples	Status	Del Days	
E DEMOMVS	0560	DNET409			CICSAOR6		1	lan-17 15:34			20,000	Ended	Кеер	
CAZO (default)	0559	DDS1687	Focus o	on SSP1 txn	CICSAOR6		1	lan-16 14:18			2,000	Ended	Кеер	
	0558	DDS1687			CICSAOR6			lan-16 14:02			1,000	Ended	Кеер	
	0557	SYS028			ect contra DIST DSNADIST			lan-14 10:45			60	Ended	Кеер	
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	0540	NM16144	Vene		VALPA2			ec-14 14:52			15,000	Ended	Кеер	
	0539	SYS028		a de db2 conn				Dec-13 07:15			60		Keep	
	0535	NM16144		te por 0c4 ven				Dec-12 07:45			1,000	Ended	Keep	
	⊕ 0526	DNET461	pru		DNET461X			Dec-11 14:08				Steps	Кеер	~
		~			Total Service Time by Txn (0560/Cl	M GROUP								
	Details (0560) E Reports (0560)			EUS: CICS	Total Service Time by Txn (0560/Cl	CSAURE) 23	<u> </u>							
	C02 - CPU Usage by Module	292	<u>^</u> E	E05: CICS 1	Fotal Service Time by Txn (056	0/CICSAOR6)								
	C03 - CPU Usage by Code Slic	e												
🔤 STC Pr 🕺 📃 🗖	C04 - CPU Usage Timeline			Name	NTxns Description	Error E	vecution	otal Time in + <u>Suspend</u> +	1 Seconds	Service				
	C05 - CPU Usage Task/Catego C06 - CPU Usage Task/Module			Name	MIXINS DESCRIPTION		ACCULION	+ <u>Susperiu</u> +	Deray	- <u>Service</u>				
Property Value	C07 - CPU Usage by Procedur													
DSNHLQ APA.V12R1 Job CAZ0	C08 - CPU Referred Attributio			CSSY	3	±58.8%	0.000	359.940	0.000	359.940				~
Started 2013-01-19 1	C09 - CPU Usage by PSW/Obj			CINB CONL	1	±99.9%	0.000	119.980	0.000	119.980				
Sysplex CAZPLEX	D - DASD I/O Analysis	couc		CINT	1	±99.9% ±99.9%	0.000	119.980 119.980	0.000	119.980 119.980				
Version 12.10F	W - CPU WAIT Analysis			CSNC	1 IRC connection	±99.9%	0.000	119.980	0.000	119.980				
	W01 - Wait Time by Task/Cate	egory			manager									
	W02 - Wait Time by Task/Mod	lule		CSKL CFQR	1 TCP/IP Listener	±99.9% ±99.9%	0.000	119.980 119.980	0.000	119.980 119.980				
	W03 - Wait Time Referred Att			CTSM	1	±99.9%	0.000	119.980	0.000	119.980				
	W04 - Wait Time by Task ENQ	/RESERVE		CISM CISR	1	±99.9%	0.000	119.980	0.000	119.980				
	W05 - Wait Time by Tape DDN	IAME	9	CSHQ	1 Scheduler Servi		0.000	119.980	0.000	119.980				
	E - CICS Measurement			CEX2	1 CICS/DB2 Servic Transaction	e ±99.9%	0.000	119.980	0.000	119.980				
	E01 - CICS Session Statistics			COIE	1	±99.9%	0.011	119.956	0.011	119.980				
	E02 - CICS CPU and Use Coun	nts by Pgm		COIO	1	±99.9%	0.000	119.980	0.000	119.980				
	E03 - CICS CPU Usage by Txn			CSNE CISP	1 VTAM node abnor	ma ±99.9% ±99.9%	0.000	119.980 119.980	0.000	119.980 119.980				
	E04 - CICS Mean Service Time			CISE	1	±99.9%	0.000	119.980	0.000	119.980				
	E05 - CICS Total Service Time			CFQS	1 RLS Quiesce	±99.9%	0.000	119.980	0.000	119.980				
	E06 - CICS Service Time by Ta	ask Id		CEPF	1	±99.9%	0.000	119.980	0.000	119.980				
	E07 - CICS Wait by Txn	1002000		CSTP CEPM	1	±99.9% ±99.9%	0.000	119.980 119.980	0.000	119.980 119.980				
	E08 - CICS Mean Service Time			CSOL	1 TCPIP Listener	±99.9%	0.000	119.980	0.000	119.980				
	E09 - CICS Total Service Time			SSP1	4	+50,0%	0.000	78.610	0.000	78.610				
	E10 - CICS Mean Service Time			+ LGTEST	P1 CICS Program		0.000	78.610	0.000	78.610				
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ACB8)	CICSAOF	R6 L0	GICVS01	~	ENABLED	0		0		COBOL	PRI	VATE	CEDF	N	VOTREQUIRED	Load Module	and Comp	oile Unit (maximum 8 pairs)
)	CICSAOF	R6 L0	GIPDB01	~	ENABLED	22		0		COBOL	PRI	VATE	CEDF	N	VOTREQUIRED	Load Modu	ıle	Compile Unit
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769	Move CA-M-MAKE To ENPICMKI	
770	Move CA-M-MODEL To ENPICMOI	
771	Move CA-M-VALUE To ENPIVALI	
772	Move CA-M-REGNUMBER TO ENPIREGI	
773	Move CA-M-COLOUR TO ENPICOLI	
• 774	Move CA-M-CC To ENPICCI	
775	Move CA-M-MANUFACTURED TO ENPIMANI	
777	EXEC CICS SEND MAP ('SSMAPP1')	
778	FROM(SSMAPP1O) MAPSET ('SSMAP')	
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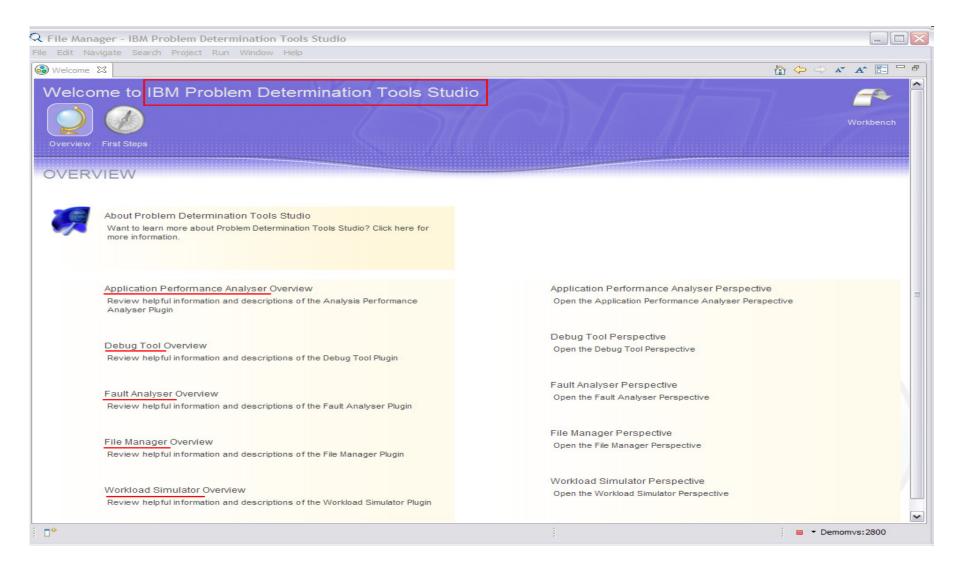
#### BM CICS Explorer - C:/Users/IBM\_ADMIN/.cicsexplorer

<u>File Edit</u> File Manager <u>P</u>roject Se<u>a</u>rch <u>W</u>indow Help

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## The LGTESTP3 program has been fixed....

- Use CM to correct the TCLASS definition
- Install corrected definition, new copy program

Configurations	🐁 Change Packages 🛛 🔗	🗖 🗖 🔗 Search Resi	ults 🔒 Transa	ction Defini	Program	Definitio 🔒 File D	efinitions 📑 T	D Queue Defi	niti 🗌 🗖	📮 Transaction Definition (SSP1	) 🕱
		(12)			-		🗞 🚆 Name	2:	0 x <sup>\[\]</sup>	Transaction Definition (SSP1)	
Vame	CSD/Context	CNX0211I Cont	ext: GENASA2.	Resource: TRAND	EF. 4 records co	ollected at Jan 2, 2013	1:39:53 PM			Attributes	
	CICSTS.CICSAOR1.DFHCSD	Name	Version	Crea	ate Time	Change Time	Description	Status			
CICSAOR1	CICSTS.CICSAORLDFHCSD	SSP1	0	Jan 2	2, 2013 12:38:	Jan 2, 2013 12:38:		ENAB	LED	🖫 CSDAOR6 🕨 💁 CSDAOR	5 🕨 📙 SSP1 🔻
	CICSTS.CICSAOR2.DFHCSD	TEST	0	Apr	27, 2012 8:25	Sep 25, 2012 9:10		ENAB	LED	Desarch	Value
	CICSPLX1	TES2	0	Jun 3	3, 2012 6:55:	Jun 3, 2012 10:15	demo transac	tion ENAB	LED	Property	value
		TES3	0	Jun 4	4, 2012 1:39:	Sep 25, 2012 9:11	demo test	DISAE	LED	Alias	
CSDAOR5	CICSTS.CICSAOR5.DFHCSD									Basic	
	CICSTS.CICSAOR6.DFHCSD									Definition Signature	CSDAPI
CSDAOR7	CICSTS.CICSAOR7.DFHCSD									Change Agent Change Release	0670
CTS32CSD	CICSTS.V3R2.DFHCSD									Change Time	Jan 2, 2013 12:40:25 PM
CTS41CSD	CICSTS.V4R1.DFHCSD									Change User ID	DNET409
CTS42CSD	CICSTS.V4R2.DFHCSD									Create Time	Jan 2, 2013 12:38:59 PM
© EWHSTAGE	DNET409.STAGE.DFHCSD									Details	30112, 2013 12:30:35 1 W
LIVECMSR	CICSTS.CICSCM.DFHCSD									Brexit	
(										Isolation	YES
Group List Definitions	🗐 Groups 🛛 🦉 🤣									Partitionset	
EN* in (CSDAO	(6)	(6)								Profile	DFHCICST
GENA						<u>1</u> .		-0.4	AVDE	Program Name	LGTESTP1
GENASAD		History 🖾						🗗 🔁	<u>∲ ∧ n D</u>	Runaway Time	SYSTEM
GENASAF		Resource Histo	ry for SSP1 from	n 2012/10/02 13:39	9:56 to latest en	itry				Shutdown	DISABLED
GENASAP		Revision Time		Resource Nam	ne/After Re	esource Type/Before	Group	User Name	Configurati	Storageclear	NO
GENASAT		0 2013/0	1/02 12:40:25	SSP1	TR	RANDEF	GENASA2	DNET409	CSDAOR6	Task Data Key	USER
GENASA2		🖇 tra	nclass	DFHTCL09	DF	FHTCL00				Task Data Location	ANY
- OLIVASA2		2013/0	1/02 12:38:59	SSP1	TR	RANDEF	GENASA2	DNET409	CSDAOR6	Twasize	0
		2013/0	1/02 12:38:04	SSP1	TR	RANDEF	GENASA2	DNET409	CSDAOR6	In Doubt	
		0 2012/1	2/31 10:41:46	SSP1	TR	RANDEF	GENASA2	DNET409	CSDAOR6	Recovery	
										Remote	
										Scheduling	
										Priority	1
										Tranclass	DFHTCL09
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		(12) CNX0211I Con	ext: GENASA2. Resource: TRANDEF.	4 records collected at Jan 2, 201	2:02:10 PM						
Name	CSD/Context	Name	Version	Create Time		Change Tir	ne	Descripti	ion	Status	
		SSP1	0	Jan 2, 2013 12	:38:59 PM	Jan 2, 2013	12:40:25 PM			ENABLED	
CICSAOR1	CICSTS.CICSAOR1.DFHCSD CICSTS.CICSAOR2.DFHCSD	≡ TEST	0	Apr 27, 2012 8	:25:27 AM		2 9:10:38 PM			ENABLED	
	CICSTS.COMMON.DFHCSD	TES2	0	Jun 3, 2012 6:	55:44 PM	Jun 3, 2012	10:15:27 PM	demo tra	ansaction	ENABLED	
	CICSPLX1	TES3	0	Jun 4, 2012 1:	39:41 PM	Sep 25, 201	2 9:11:06 PM	demo te	st	DISABLED	
CSDAOR5	CICSTS.CICSAOR5.DFHCSD										
CSDAOR6	CICSTS.CICSAOR6.DFHCSD										
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Group List Definition	is 🛙 🧄 👯 Name: GEN* 🚺										
	AOR6. Resource: CSDLIST. 1 records collected at Jan										
ame	CICS System	2, 2015									
ENALIST	N/A										
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h Resource Group Defi	nitions 🛙	- 8									
	ين المعادي المحمد المحمد المحمد المحمد	0 X V									
NX0211I Context: CSD/	AOR6. Resource: CSDGROUP. 6 records collected at	Jan 2, 2013									
lame	CICS System										
JENA	N/A		Open								
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		(12)	111 Context: GENASA2. F	esource: TRANDEF. 4 recor			CI		<b>D</b> 1.4		<b>C</b> 1.1	
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CICSAOR1	CICSTS.CICSAOR1.DFHCSD	SSP1	New	n		2013 12:38:59 PM		3 12:40:25 PM			ENABLED	
CICSAOR2	CICSTS.CICSAOR2.DFHCSD	E TEST TES2	New from			, 2012 8:25:27 AM 2012 6:55:44 PM		12 9:10:38 PM 2 10:15:27 PM	James Au	ansaction	ENABLED ENABLED	
CICSCM	CICSTS.COMMON.DFHCSD	TES3	New Homa			2012 0:33:44 PM 2012 1:39:41 PM		12 9:11:06 PM	demo te		DISABLED	
CPSMBAS	CICSPLX1	1633	Open		Jun 4, 1	2012 1:59:41 PW	3ep 23, 20	12 9:11:00 PIVI	demo te:	st	DISABLED	
CSDAOR5	CICSTS.CICSAOR5.DFHCSD		Install									
CSDAOR6	CICSTS.CICSAOR6.DFHCSD		Install									
			💢 Delete	De	lete							
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🖁 Group List Definitions 🛛 🔪	🔗 💥 Name: GEN* 🚺 🕱 🏹	- 8	Final .									
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lame	CICS System		Dependencies		•							
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			Add Command to	Change Package								
VX0211I Context: CSDAOR6. Res	Image: weight of the second secon											
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<u>File Edit Operations Definitions</u> Search Project Window Help

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rver: CPSM		ICSAOR6. Resource: PH Name	OGRAM. 5 records colle Status	ected at	t Jan 2, 2013 3:33:39   Use Count		oncurrent Use Count	Inneuron	Share Status	CEDF Status	NEWCOPY Status
毘a CICSDAX1	Region										
₽a CICSPLX1	CICSAOR6	LGTESTC1	✓ ENABLED		21	0		COBOL	PRIVATE	CEDF	NOTREQUIRED
WLMMARY CPSM	CICSAOR6	LGTESTP1	✓ ENABLED		Open	^		COBOL	PRIVATE	CEDF	NOTREQUIRED
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CICSAORB	CICSAOR6	LGTESTP3	ENABLED		New Copy			COBOL	PRIVATE	CEDF	NOTREQUIRED
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#### BM CICS Explorer - C:/Users/IBM\_ADMIN/.cicsexplorer

#### <u>File Edit Operations Definitions</u> Search Project Window Help

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C ABACK puels def a 7       MIGRATE       2012/09/13/12/07/15       COUSTRE PUICABI       COUNTROL       Pressure       Ready Cate       Countries       Ready Cate       Configuration       Ready       Ready Cate       Configuration       Ready       Ready Cate       Configuration       Ready       Ready       Configuration       Ready       Configuration       Ready       Ready       Configuration       Ready       Configuration <thready< th="">       Configuration</thready<>		-							Exter	View ready-list and remove definition	resources from	this Change	e Package.	
CPL         CPL <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Ready list has errors. (Reason : 000600</td> <td>4F)</td> <td></td> <td></td> <td></td>										Ready list has errors. (Reason : 000600	4F)			
Beak         Demo PKG         CELAT         2020/0719/82/82.27         STANLA         GENAP         CONCORD						FROCAR				Recourses	Ready State	Group	Configuration	
		Demo PKG									Ready State	Group	conngulation	Remo
						GENAPP					Deedu		CODAORE	
Image: Biology State St		· · · · · · · · · · · · · · · · · · ·									кеаду	GEINASAD	CSDAURO	
BRCPACK, tet package for Eric       MBRATE       2012/07/13102248.92       DNFT07       0000000       tet         G, GHAPPOL, Migration of GNAPP resource       READV       2012/07/2312.406.99       STANINA       GENASAF       CSDAOR6         G, OFERT       Tarkadge for WMQ definitions       MCRATE       2012/07/110.344.04.33       STORELLA AORTO       0000000       0000000         GSDAORE       MCRATE       2012/07/110.344.04.33       STORELLA AORTO       0000000       0000000       Tarsaction Definition (8)       Tarsaction Definition														
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Bit DETST       Tel Package       READY       2012/07/11 03/45/37/15 DINET453       A0A6TOT       00000000       00000001       0000001       0000001       0000001       0000001       0000001       0000001       0000001       0000001       0000001       0000001       0000001       0000001       0000001       000001       000001       0000001       000001       0000001       0000001       0000001       0000001       0000001       0000001       0000001       0000001       0000001       0000001       0000001       0000001			READY	2012/04/29 12:40:09.97	STANNA	GENAPP	0000000	0000000			· · · · · ·			
Markarte       2012/05/02/1752/175       STANINA       AORITOR       00040024         SACHPRIG       Charge package for VMQ definitions       MIGRATE       2012/07/11 394450.43       SIDDELL       AORITOR       00040024         Group List Definitions       MIGRATE       2012/07/11 394450.43       SIDDELL       AORITOR       00040024         Group List Definitions       MIGRATE       2012/07/11 394450.43       SIDDELL       AORITOR       00040024         Micro       MIGRATE       2012/07/11 394450.43       SIDDELL       AORITOR       00040024         Micro       MIGRATE       2012/07/11 394450.43       SIDDELL       AORITOR       00040024         Micro       Micro       MIGRATE       2012/07/11 394450.43       SIDDELL       AORITOR       00040024         Micro       Micro       MIGRATE       2012/07/11 394450.43       SIDDELL       AORITOR       CICS System       IDER       IDER       GENASAT       CISDAORS       IDER       SS02       Ready       GENASAT       CISDAORS         GENALIST       N/A       CICS System       MICRO       MICRO       GENASAT       CISDAORS       IDER       SS02       Ready       GENASAT       CISDAORS         Micro       MICRO       MICRO       MICRO <td></td> <td>-</td> <td>READY</td> <td>2012/10/31 06:37:37.16</td> <td>DNET453</td> <td>AOR6T07</td> <td>0000000</td> <td>0000000</td> <td></td> <td></td> <td>Reduy</td> <td>OLIVADAI</td> <td>CJURONO</td> <td></td>		-	READY	2012/10/31 06:37:37.16	DNET453	AOR6T07	0000000	0000000			Reduy	OLIVADAI	CJURONO	
Image: SSACHPKK Change package for WMQ definitions       MIGRATE       2012/07/11 03:44:50.43       SIDDELL       AOREITOG       0000004       00040024         Image: SSACHPKK Change package for WMQ definitions       Image: SSACHPK Change package for WMQ definitions       Image	SFCPKG1	Package for SFC app	MIGRATE	2012/05/02 17:52:17.51	STANNA	AOR6TO7	0000004	00040024						
Group List Definitions IX       Image: GEN* Image:	🚓 SSACHPKG	Change package for WMQ definitions	MIGRATE	2012/07/11 03:44:50.43	SIDDELL	AOR1TO6	0000004	00040024			Ready	GENASAT	CSDAOR6	
Oroup List Definitions: X       X<											· · ·			
CNU02111 Context: CSDA0R6. Resource: CSDLST. 1 records collected at Jan 2, 2013 20206 PM Name CCCS System GRNALIST N/A GRNASAT CSDA0R6. Resource: CSDCROUP. 6 records collected at Jan 2, 2013 20203 PM Name CCCS System CCCS	🕒 Group List Defini	tions 🛿					φ <sup>6</sup>	₩I + Z Name: GEN*						
GENALIST N/A     GENALIST     Mare     GENALIST     Mare     GENALIST     Mare     GENALIST     GENALIST     Mare     GENALIST     Mare     GENALIST     Mare     GENALIST     Mare     GENALIST     Name     GENALIST     Name     GENALIST     Name     GENALIST     Name     GENALIST     Name   GENALIST     Name   GENALIST     Name   GENALIST     Name   GENA   Name   GENASAP   N/A   GENASA2   N/A   GENASA2   N/A     GENASA2   N/A     GENASA2     N/A     GENASA2     N/A     GENASA2     N/A     GENASA2     N/A     GENASA2     N/A     GENASA2     N/A     GENASA2     GENASA2     N/A     GENASA2 </td <td>CNX0211I Context: C</td> <td>SDAOR6. Resource: CSDLIST. 1 records co</td> <td>lected at Jan</td> <td>2, 2013 2:02:06 PM</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>SSC1</td> <td>Ready</td> <td>GENASAT</td> <td>CSDAOR6</td> <td></td>	CNX0211I Context: C	SDAOR6. Resource: CSDLIST. 1 records co	lected at Jan	2, 2013 2:02:06 PM						SSC1	Ready	GENASAT	CSDAOR6	
CNA     Banesource Group Definitions Si     CNX02111 Context: CSDAOR6. Resource: CSDGROUP. 6 records collected at Jan 2, 2013 202:03 PM     Name   CICS System   GENAAD   GENAAD   N/A   GENASAF   N/A   GENASAF   N/A   GENASAT   CICS System   GENASAF   N/A   GENASAF   N/A   GENASAF   N/A   GENASAT   N/A   GENASAT   N/A   GENASAT   N/A   GENASAZ   N/A   GENASAZ   N/A   GENASAZ   N/A   GENASAZ   N/A   GENASAZ     Resources by type     Resources by type	Name			C	ICS System					SSP1	Ready	GENASAT	CSDAOR6	
SSP3 Ready GENASAT CSDAOR6   Bk Resource Group Definitions X Image: GEN* X Image: GEN* Image: GEN*   Name CICS System   GENASAD N/A   GENASAF N/A   GENASAF N/A   GENASAF N/A   GENASAT N/A	GENALIST			N	/A					🛃 SSP2	Ready	GENASAT	CSDAOR6	
Resource Group Definitions II     Name     CRV202111 Context: CSDAGNOUP. 6 records collected at Jan 2, 2013 20203 PM     Name   GENA   GENASAD   GENASAF   GENASAF   GENASAF   GENASAF   GENASAF   MA   GENASAF   GENASAF   MA   GENASAF   GENASAF   MA   GENASAF										🛃 SSP3	Ready	GENASAT	CSDAOR6	
CNX02111 Context: CSDGROUP. 6 records collected at Jan 2, 2013 2:02:03 PM         Name       CICS System         GENA       N/A         GENASAD       N/A         GENASAF       N/A         GENASAT       N/A         GENASA2       N/A         GENASA2       N/A         GENASA2       N/A         GENASA5       MA         GENASA6       N/A         GENASA7       N/A         GENASA2       N/A         GENASA5       GENASA5         Mage       GENASA5         Mage       GENASA5         Mage       GENASA5         Mage       GENASA5         Mage       GENASA5         Mage       GENAS45         Mage       GENAS45         Mage       GENAS45         Mage       GENAS45         Mage       GENAS45         M										🛃 SSP4	Ready	GENASAT	CSDAOR6	
Name       CICS System         GENA       N/A         GENASAD       N/A         GENASAF       N/A         GENASAP       N/A         GENASAT       N/A         GENASAT       N/A         GENASAT       N/A         GENASAC       N/A         GENASAT       N/A         GENASAC       MA         GENASAC<	🗈 Resource Group I	Definitions 🛛					s. Se	H Name: GEN*	0 🗙 🗸 🗖	😫 test	Unknown	GENASAT	CSDAOR6	
GENA GENASAD NA GENASAF NA GENASAF NA GENASAP N/A GENASAT N/A GENASA2 N/A GENASA2 N/A GENASA2 N/A GENASA2 N/A GENASA2 N/A GENASA2 N/A GENASA2 N/A GENASA2 N/A	CNX0211I Context: C	SDAOR6. Resource: CSDGROUP. 6 records	s collected at J	an 2, 2013 2:02:03 PM										
GENASAD       N/A         GENASAF       N/A         GENASAP       N/A         GENASAT       N/A         GENASA2       Secontes Commands History	Name			C	ICS System									
GENASAD N/A GENASAF N/A GENASAP N/A GENASAT N/A GENASA2 N/A GENASA2 N/A GENASA2 N/A GENASA2 N/A GENASA2 N/A GENASA2 N/A	GENA			N	/A									
GENASAF N/A GENASAP N/A GENASAT N/A GENASA2 N/A GENASA2 N/A MA MA MA MA MA MA MA MA MA M										Group recourses by time				
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GENASA2 N/A  Resources Commands History														
Resources Commands History														
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	(i) Change	Package ERICDEM2 deleted successfully								1			🖉 🔻 DemoN	<b>AVS CM</b>

#### BM CICS Explorer - C:/Users/IBM\_ADMIN/.cicsexplorer

<u>File Edit Operations Definitions</u> Search Project Window Help

) Configurations 🛛 🕀 Chan	ge Packages	<u>ہ</u> ہے ۔	🔗 Search	🔒 Transa 🖾	Progra	🔓 File De			🗟 Transaction Definition (SSP1	) 🛛	
		(12)				Name:	0	$\pmb{X}^{(\nabla)}$	Transaction Definition (SSP1)		
Name	CSD/Context CICSTS.CICSAOR1.DFHCSD			connection erro			ption: You mu	t use a	Attributes		G
CICSAOR2	CICSTS.CICSAOR2.DFHCSD		Name	Version	Create Ti	Change Ti	Description	Status		0 • 🗟 2261 •	
	CICSTS.COMMON.DFHCSD								Property	Value	
CPSMBAS	CICSPLX1								Alias		
CSDAOR5	CICSTS.CICSAOR5.DFHCSD							-	Basic		
CSDAOR6	CICSTS.CICSAOR6.DFHCSD								Definition Signature		
CSD New	CSAOR7.DFHCSD		-						Change Agent	CSDAPI	
	Contraction								Change Release	0670	
CTS Deployment analysis	🕨 🏚 Candidates								Change Time	Jan 2, 2013 12:40:25 PM	
	🔔 Candidates com	pare							Change User ID	DNET409	
	2 Check	1. 19 JU							Create Time	Jan 2, 2013 12:38:59 PM	
EWH Show all lists									Details	3412, 2013 12:30:35 F H	
LIVE Show all groups	2 Coldstart compa	re							Brexit		
Show all resources	👲 🛛 Deployment Ana	lysis Editor							Isolation	YES	
droup		<u>له می</u>							Partitionset	113	
Clean up	•	<mark>(</mark> 6)							Profile	DFHCICST	
Search	• •	(0)	·						Program Name	LGTESTP1	
GENA			History	23		1	n 🖧 🖧 🕤		Runaway Time	SYSTEM	
🖃 GENASAD			Resource His	story for SSP1 fro	om 2012/10/02	13:39:56 to lat	test entry		Shutdown	DISABLED	
E GENASAF			Revision Ti	ma	Perource	Name/After	Resource	une/Re	Storageclear	NO	
E GENASAP						indifie/After		yhe, ne	Task Data Key	USER	
E GENASAT				3/01/02 12:40:25			TRANDEF		Task Data Location	ANY	
GENASA2			· ·	tranclass	DFHTCL	19	DFHTCL00		Twasize	0	
				3/01/02 12:38:59	SSP1		TRANDEF		In Doubt	-	
				3/01/02 12:38:04	SSP1		TRANDEF		Recovery		
			201	2/12/31 10:41:46	SSP1		TRANDEF		Remote		
									Scheduling		
									Priority	1	
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			•	III				•	Overview Remote Terminatio	n Runtime Alias Recovery Attributes	
(i) IZE0100I Connected use	DNET409 to host demomvs.dem	opkg.ibm.com on p	oort 6023								● ▼ DemoMVS CI
		IOI									1:49

IBM CICS Explorer - C:/Users/IBM_ADMIN/.cicsexplo	orer
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#### <u>File Edit Operations Definitions</u> Search Project Window <u>H</u>elp

Configurations	🗄 Change Packages	🗞 🗆 🖬	🔗 Search	🛃 Transa 🖇	3 Progra	File De			🗆 📴 Transaction Definition (SSP1) 🛛 🗐 Runtime coldstart compare.jcl 🛛
		(12)			상 #1 - 전	Name:	0	× ~	
Vame	CSD/Context				rror has occurred mm.CMFilterCo		ntion. Vou nu		//CCVJB1A JOB COLDSTCM, NOTIFY=&SYSUID,
CICSAOR1	CICSTS.CICSAOR1.DFHCSD		filter	.s.cm.cpsm.co	mm.civiFilterCo	nnectionexce	eption: rou mu	ist use a	// CLR55-R, H56CLR55-H, H56LEVEL-(1,1)
CICSAOR2	CICSTS.CICSAOR2.DFHCSD		Name	Version	Create Ti	Change Ti	Description	Status	
CICSCM	CICSTS.COMMON.DFHCSD				create rim	chunge thi		June	<pre>US //* CCVEMAIN - COLD START COMPARE //* - RUNTIME: data obtained via CICS CM connection</pre>
CPSMBAS	CICSPLX1		-						//* - CANDIDATES: data obtained from both CSD and CPSM
CSDAOR5	CICSTS.CICSAOR5.DFHCSD							-	//*
CSDAOR6	CICSTS.CICSAOR6.DFHCSD							-	//DEPLOY EXEC PGM=CCVBMAIN
CSDAOR7	CICSTS.CICSAOR7.DFHCSD								//STEPLIB DD DISP=SHR, DSN=CICSCM.V2R1.SCCVAENU
CTS32CSD	CICSTS.V3R2.DFHCSD								// DD DISP=SHR, DSN=CICSCM.V2R1.SCCVAUTH
CTS41CSD	CICSTS.V4R1.DFHCSD							-	//CCVPRINT DD SYSOUT=*
CTS42CSD	CICSTS.V4R2.DFHCSD								//CCVREPRT DD SYSOUT=* * OUTPUT REPORT RESULTS
EWHSTAGE	DNET409.STAGE.DFHCSD								//CCVFLTEX DD SYSOUT=* * OUTPUT SAMPLE FILTER STATEMENTS
LIVECMSR	CICSTS.CICSCM.DFHCSD		-						//*CCVFLTEX DD DSN=DNET409.CCV.DAFILTER,
ULIVECIVISI	CICSTS.CICSCM.DITICSD							-	<pre>//* UNIT=SYSDA, SPACE= (TRK, (10,100), RLSE), //* LRECL=80, RECFM=FB, BLKSIZE=3200, DSORG=PS,</pre>
Group List Definitions	C 82	 €] % ⊏ □	1						<pre>//* LRECL=80, RECFM=FB, BLKSIZE=3200, DSORG=PS, //* DISP=(,CATLG,CATLG)</pre>
Group List Definitions	E Groups 23	<u>₹</u>	-						//CCVPARMS DD *
N* in (CSDAO	R6)	(6)						F.	CONNECT IPADDRESS=DEMOMVS.DEMOPKG.IBM.COM, PORT=6023, SSL=NO
GENA			Autom	M			n 🔁 🖓		
GENASAD			History						REPORTSET=1,
GENASAF			Resource His	story for SSP1 f	rom 2012/10/02	13:39:56 to la	itest entry		TYPE=RUNTIME,
GENASAP			Revision Ti	me	Resource	Name/After	Resource	Type/Be	
GENASAT			0 2013	3/01/02 12:40:2	5 SSP1		TRANDER		CONNECTION=AOR6,
GENASA2			0 2013	3/01/02 12:38:5	9 SSP1		TRANDER		PHASE=COLLECT,
			0 2013	3/01/02 12:38:0	4 SSP1		TRANDER		REPORTSET=2,
			0 2012	2/12/31 10:41:4	6 SSP1		TRANDER		TYPE=CANDIDATES, CONFIGURATION=CSDAOR6,
									GRPLIST=LISTAOR6,
									GRPLIST=DFHLIST,
									LOCALSYSID=C22F,
									PHASE=REPORT,
									TYPE=COLDSTARTCOMPARE
									//* FILTERDATASET=DNET409.CCV.DAFILTER
									11
								•	Runtime coldstart compare.jcl
(i) 17E01001 Cooper	ected user DNET409 to host demomvs.de	monka ihm com on i	22207				Writable		Insert 35:3 • TemoMVS z
			JUIL 32207	1			11	- W	
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• 🗟 🖢 🔹 🖻 🔹	A • A		😭 💽 CICS SM 👌 z/OS 👖 C	ICS DA 📲 CICS IA 📗 CICS PA 👔 CICS CM 📲 CICS Transa	c 📕 IBM Se		📋 IBM Session 🔤 APA 🛛 🕵 File Manager 🖹 Fault Analyzer 🕸 Debug
🕽 Configurati 🛛 🗄 C	Change Pac 🛛 🗖 🗖	🔗 Search Results  Tr	ansaction Definitions 🛛 📄 🖡	rogram Definitions 🖹 File Definitions 🗟 TD Queue Definitions		- 6	🕒 📔 Transaction Definition (SSP 🛛 🗐 *Runtime coldstart compar 🛛
	Ŷ	History 🛛			ى 🛃 🚱	<u>ه ∼ ⊏</u> [	0
	(12)						JOB COLDSTCM, NOTIFY=&SYSUID.
Name	CSD/Con *	🐻 z/OS Job 🛛			Ş	🖥 🤣 🗖 E	
		Job ID: JOB06609	Name: CCVJB1A User: DN	ET409 Status: ACTIVE			//*
CICSAOR1	CICSTS.C	JESMSGLG	12013/01/02 12:55	CICS Configuration Manager V2.1	Page	1	//* CCVBMAIN - COLD START COMPARE //* - RUNTIME: data obtained via C
CICSAOR2	CICSTS.C		H2013/01/02 12:55	Batch Utility	Page	1 4	<pre>//* - RUNTIME: data obtained via C: //* - CANDIDATES: data obtained from H</pre>
	CICSTS.C	JESJCL		Batch otility			//*
CPSMBAS		JESYSMSG		CICS Deployment Analysis Report			//DEPLOY EXEC PGM=CCVBMAIN
CSDAOR5	CICSTS.C	CCVPRINT		Cold Start Compare Report			//STEPLIB DD DISP=SHR, DSN=CICSCM.V2R1.SCCVAE
CSDAOR6	CICSTS.C	CCVREPRT		Report Options			// DD DISP=SHR, DSN=CICSCM.V2R1.SCCVAU
CSDAOR7	CICSTS.C						//CCVPRINT DD SYSOUT=*
CTS32CSD	CICSTS.V.		CONNECT IPADD	RESS=DEMOMVS.DEMOPKG.IBM.COM, PORT=6023,SSL=NO	)		//CCVREPRT DD SYSOUT=* * OUTPUT REI
CTS41CSD	CICSTS.V-		DEPLOY PHASE	=COLLECT,			//CCVFLTEX DD SYSOUT=* * OUTPUT SAM
CTS42CSD	CICSTS.V.			EPORTSET=1,			//*CCVFLTEX DD DSN=DNET409.CCV.DAFILTER,
< III	Þ			YPE=RUNTIME,			//* UNIT=SYSDA, SPACE=(TRK, (10, 100), H
		]		ONFIGURATION=CSDAOR6,			//* LRECL=80, RECFM=FB, BLKSIZE=3200, I
Group List Definit 📃 Gro	oups w			ONNECTION=AOR6, =COLLECT,			//* DISP=(,CATLG,CATLG)
	( <del>]</del>			EPORTSET=2,			//CCVPARMS DD * CONNECT IPADDRESS=DEMOMVS.DEMOPKG.IBM.CO
GEN* in (CSDAOR6				YPE=CANDIDATES,			DEPLOY PHASE=COLLECT,
	, (0)			ONFIGURATION=CSDAOR6,			REPORTSET=1,
E GENA			G	RPLIST=LISTAOR6,			TYPE=RUNTIME,
E GENASAD			G	RPLIST=DFHLIST,			CONFIGURATION=CSDAOR6,
E GENASAF			L	OCALSYSID=C22F,			CONNECTION=AOR6,
E GENASAP				=REPORT,			PHASE=COLLECT,
E GENASAT				COLDSTARTCOMPARE,			REPORTSET=2,
GENASA2			FILTE	RDATASET=DNET409.CCV.DAFILTER			TYPE=CANDIDATES,
				***End of Section***			CONFIGURATION=CSDAOR6,
			12013/01/02 12:55	CICS Configuration Manager V2.1	Page	2	GRPLIST=LISTAOR6,
			12013/01/02 12.33	Batch Utility	raye	2	GRPLIST=DFHLIST, LOCALSYSID=C22F,
				Bason oblitoy			PHASE=REPORT,
				CICS Deployment Analysis Report			TYPE=COLDSTARTCOMPARE,
				Cold Start Compare Report			FILTERDATASET=DNET409.CCV.DAFIL
				Data Sources			11
			•				Runtime coldstart compare.icl
					1	,	
				Writable Insert	17 :	: 4	TemoMVS





# **End of Demonstration Screen Shots**