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# CICS Configuration Manager for z/OS

*What's New in CICS CM plug-in V2.1.1?*



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## CICS CM plug-in V2.1.1 Highlights

New capabilities in the CICS CM plug-in

- Deployment Analysis
  - Change Package lifecycle management
  - Improved Install function
- 
- Available for download June 1 2012
  - Requires CICS Explorer V1.1.1



# Deployment Analysis

- 👉 Pre-defined JCL templates
  - 👉 Preferences
    - 👉 Job card details
    - 👉 Host and IP address of CICS CM server
    - 👉 CICS CM data sets
    - 👉 Details of filter dataset to be used for deployment analysis reports
  
- 👉 Job submission
  - 👉 New z/OS functionality built into CICS Explorer
  
- 👉 Viewing the output
  - 👉 Job output viewable from CICS Explorer
  - 👉 Search capabilities provide improved user experience
  - 👉 Easier integration with other explorer views
  
- 👉 Customized templates can be persisted with the users workspace or saved in a PDS










# Change Package lifecycle management

- ✎ Capability to create and delete a change package
  
- ✎ Add resources to the change package
  - ✎ Including CSD Group list
  - ✎ Available from CM and SM perspectives
  
- ✎ Can sort Change Packages by any column in Packages view
  
- ✎ Right mouse click on Package for options to
  - ✎ Ready
    - ✎ Can display ready list for available migration schemes
  - ✎ Un-Ready
  - ✎ Migrate
  - ✎ Backout
    - ✎ Choose from list of previous lifecycle events
  - ✎ History
    - ✎ Capability to view complete history for the change package



## Improved Install function for CSD resources

-  Uses CICS CM Install function rather than that provided by base explorer
-  Provides list of Configurations rather than CICSplex name
-  Also lists available connections for Install into target Applids
  -  Uses CM remote system connection
-  Removes the need for a CPSM connection to resolve install targets
-  Can select multiple target connections
-  Discard and Disable options provided





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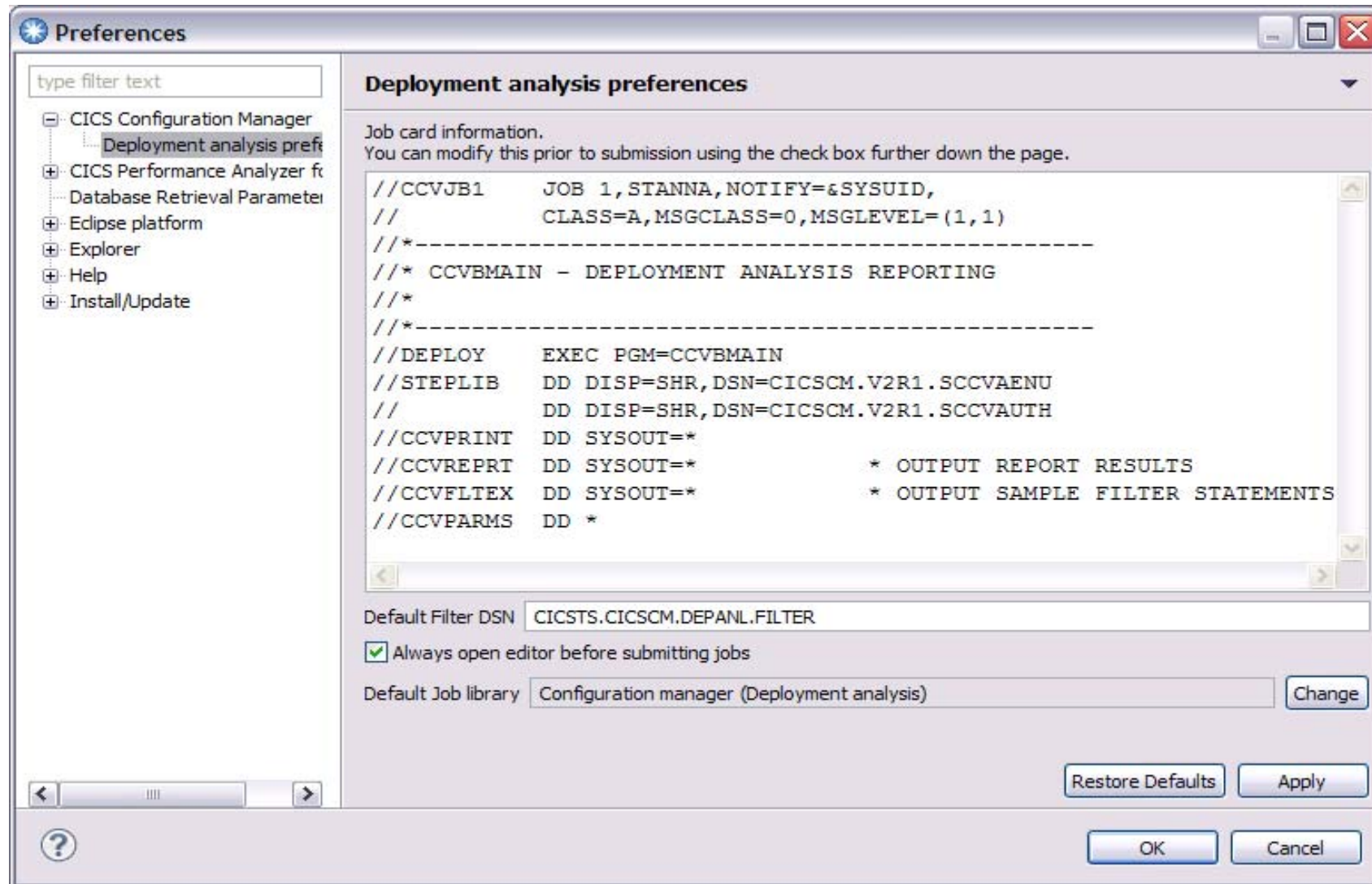
# CICS CM plug-in V2.1.1

## *Screenshots*



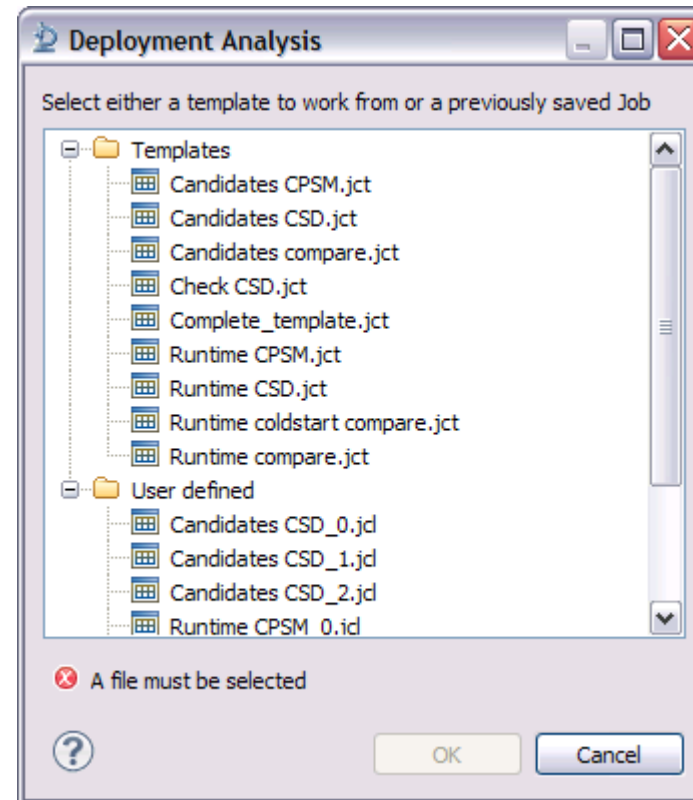
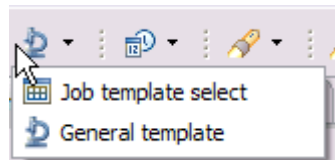
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# Deployment Analysis preferences

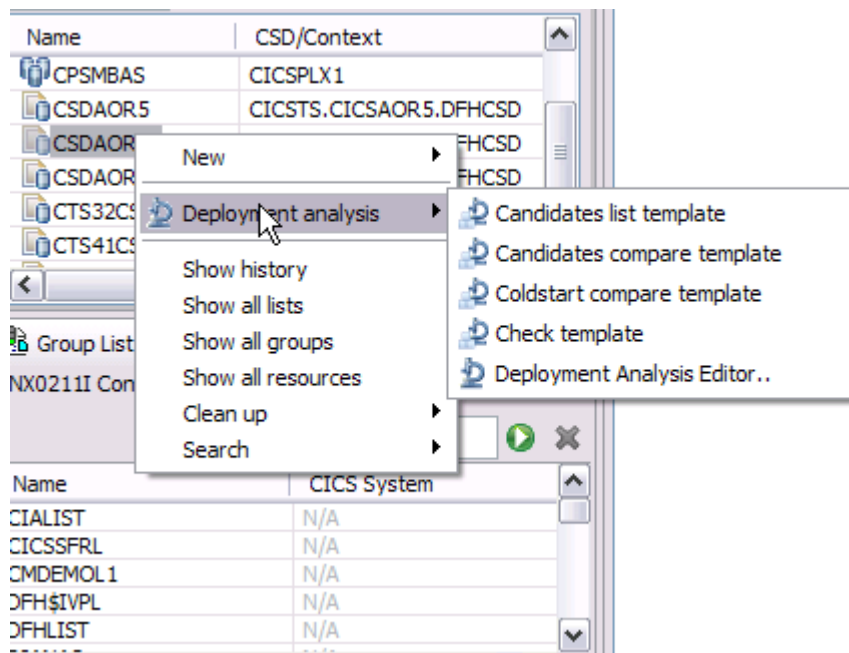




# Deployment Analysis - supplied job templates



## Deployment Analysis – template options based on context



## Deployment Analysis – JCL template for Cold Start Analysis

```

CICSAOR7_coldstart compare.jd  *Runtime coldstart compare_6.jd
//CCVJB1      JOB 1,STANNA,NOTIFY=&SYSUID,
//            CLASS=A,MSGCLASS=0,MSGLEVEL=(1,1)
//*-----
//* CCVBMAIN  - COLD START COMPARE
//*           - RUNTIME:      data obtained via CPSM
//*           - CANDIDATES:  data obtained from both CSD and CPSM
//*-----
//DEPLOY      EXEC PGM=CCVBMAIN
//STEPLIB     DD DISP=SHR,DSN=CICSCM.V2R1.SCCVAENU
//            DD DISP=SHR,DSN=CICSCM.V2R1.SCCVAUTH
//CCVPRINT    DD SYSOUT=*
//CCVREPR    DD SYSOUT=*          * OUTPUT REPORT RESULTS
//CCVFLTEX    DD SYSOUT=*          * OUTPUT SAMPLE FILTER STATEME
//CCVPARMS    DD *
//            CONNECT          IPADDRESS=DEMOMVS.DEMOPKG.IBM.COM,PORT=6023,SSL=NO
//            DEPLOY           PHASE=COLLECT,
//                               REPORTSET=1,
//                               TYPE=RUNTIME,
//                               CONFIGURATION=<Config-name for a context>,
//                               SCOPE=<CICS region to be used as scope>,
//                               PHASE=COLLECT,
//                               REPORTSET=2,
//                               TYPE=CANDIDATES,
//                               CONFIGURATION=<Config-name for a CPSM context>,
//                               SCOPE=<CICS region to be used as scope>,
//                               PHASE=COLLECT,
//                               REPORTSET=2,
//                               TYPE=CANDIDATES,
//                               CONFIGURATION=CSDAOR7,
//                               GRPLIST=<1st CSD-List name>.

```

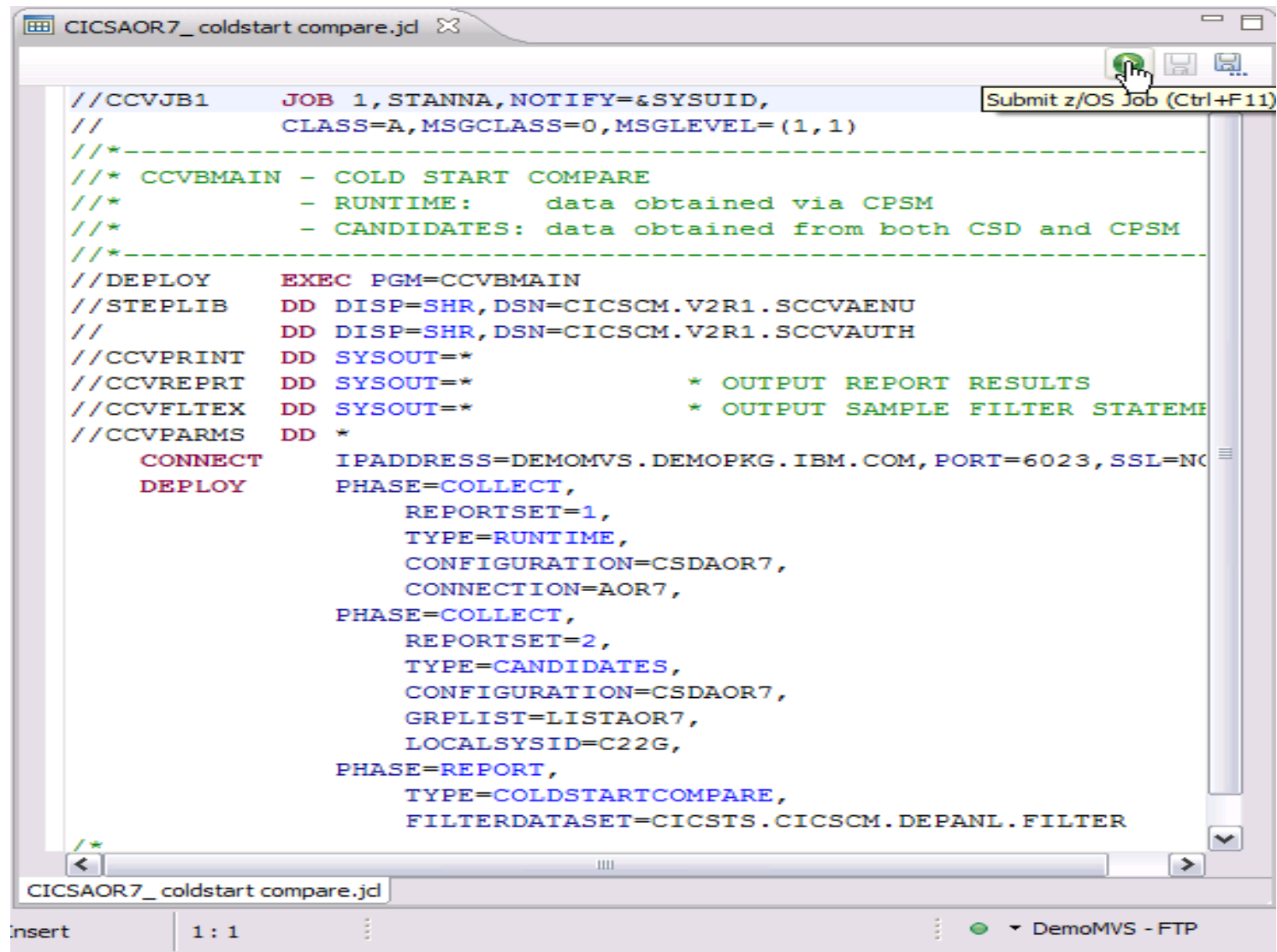
Specify valid CICS CM Configuration.

Runtime coldstart compare\_6.jcl

Insert | 20 : 25 | DemoMVS - FTP

## Deployment Analysis – specify required details and submit

- FTP connection required



```
//CCVJB1      JOB 1,STANNA,NOTIFY=&SYSUID,
//              CLASS=A,MSGCLASS=0,MSGLEVEL=(1,1)
//*-----*
//* CCVBMMAIN - COLD START COMPARE
//*           - RUNTIME:      data obtained via CPSM
//*           - CANDIDATES:  data obtained from both CSD and CPSM
//*-----*
//DEPLOY      EXEC PGM=CCVBMMAIN
//STEPLIB     DD DISP=SHR,DSN=CICSCM.V2R1.SCCVAENU
//              DD DISP=SHR,DSN=CICSCM.V2R1.SCCVAUTH
//CCVPRINT    DD SYSOUT=*
//CCVREPR1    DD SYSOUT=*                * OUTPUT REPORT RESULTS
//CCVFLTEX    DD SYSOUT=*                * OUTPUT SAMPLE FILTER STATEME
//CCVPARMS    DD *
//              CONNECT IPADDRESS=DEMOMVS.DEMOPKG.IBM.COM,PORT=6023,SSL=NO
//              DEPLOY  PHASE=COLLECT,
//                      REPORTSET=1,
//                      TYPE=RUNTIME,
//                      CONFIGURATION=CSDAOR7,
//                      CONNECTION=AOR7,
//                      PHASE=COLLECT,
//                      REPORTSET=2,
//                      TYPE=CANDIDATES,
//                      CONFIGURATION=CSDAOR7,
//                      GRPLIST=LISTAOR7,
//                      LOCALSYSID=C22G,
//                      PHASE=REPORT,
//                      TYPE=COLDSTARTCOMPARE,
//                      FILTERDATASET=CICSTS.CICSCM.DEPANL.FILTER
//*
```

# Deployment Analysis – review job output in z/OS Job view

## - FTP connection required

IBM CICS Explorer BETA - C:/cicsexp1110incurr

File Edit Project Operations Definitions Search Window Help

History Properties z/OS Job

Job ID: JOB00709 Name: CCVJB1 User: STANNA Status: OUTPUT

```

GRPLIST=LISTAOR7,
LOCALSYSID=C22G,
PHASE=REPORT,
TYPE=COLDSTARTCOMPARE,
FILTERDATASET=CICSTS.CICSCM.DEPANL.FILTER
    
```

\*\*\*End of Section\*\*\*

12012/04/18 08:07 CICS Configuration Manager V2.1 Page 2  
Batch Utility

CICS Deployment Analysis Report  
Cold Start Compare Report  
Data Sources

ID	Date	Time	Records	CollectionType	ReportSet	SMFID	Context	Scope	APPLID	SYSID
01	2012/04/18	08:07	4177	RUNTIME-CCM	1	MVSA			CICSACB7	AOR

----- Target Region -----

Region	APPLID	SYSID	CTSVRM	CCM
CICSCM	CICSCM	CCM1	0420	021

----- CCM Server -----

ID	Date	Time	Records	CollectionType	ReportSet	SMFID	Context	Scope	APPLID	SYSID
02	2012/04/18	08:07	1522	CANDIDATES-CSD	2	MVSA				C22

----- Target Region -----

Region	APPLID	SYSID	CTSVRM	CCM
CICSCM	CICSCM	CCM1	0420	021

----- CCM Server -----

start

InfoP... 6:28:... Mail ... 4 Fi... Dallas CICS... Micro... IBM ... EN

Microsoft PowerPoint - [CICS CM V2.1.1 T3 v1.ppt]

14:09 Wednesday 18/04/2012

## Deployment Analysis – search available in output view

The screenshot shows the IBM CICS Explorer BETA interface. The main window displays a deployment analysis report for Job ID: JOB00709, Name: CCVJB1, User: STANNA, Status: OUTPUT. The report includes a table of definitions and a list of matched definitions.

The **Find/Replace** dialog box is open, showing the following settings:

- Find: CSQ
- Replace with: (empty)
- Direction:  Forward,  Backward
- Scope:  All,  Selected lines
- Options:
  - Case sensitive,  Wrap search
  - Whole word,  Incremental
  - Regular expressions
- Buttons: Find, Replace/Find, Replace, Replace All, Close

The report table below shows the following data:

Report Item	ID	Name	Type	Group	List or RESDESC	Co	Deploy	Co.
1	01	ADNMANF0	FILE	ADNPCRGP	N/A	0	CA241430	RUI
2	01	DSQPNLE	FILE	QMF610E	N/A	0	A16EB9CC	RUI
3	01	DSQUCFRM	FILE	QMF610E	N/A	0007	26314778	RUI
4	01	CSQAVICM	PROGRAM	DFHMQ	N/A	0006	5C8B5637	RUI
5	01	CSQCBE30	PROGRAM	DFHMQ	N/A	0006	4C6842DD	RUI
6	01	CSQCBP10	PROGRAM	DFHMQ	N/A	0006	89445FB5	RUI
7	01	CSQCDSC	PROGRAM	DFHMQ	N/A	0006	7A601C86	RUI
8	01	CSQCDSP	PROGRAM	DFHMQ	N/A	0006	4F95A211	RUI
9	01	CSQCQCON	PROGRAM	DFHMQ	N/A	0006	56B7102A	RUI

# Change Package Lifecycle management – new **Change Packages** view

**Change Packages**

Packages	Last Action	Chngtime	Description
DEV2TEST	MIGRATE	2012/04/18 07:13:36.05	Package to migrate
00000001	READY	2012/04/18 05:31:21.81	Migrate resources fr
00000002	MIGRATE	2012/02/13 08:24:08.77	Migrate from AOR6
00000003	CREATE	2012/04/03 19:30:22.18	Migrate from CSD to

**Resource Group Definitions**

Name	CICS System
CIALIST	N/A
CICSSFRL	N/A
CMDEMOL1	N/A
DFH\$IVPL	N/A
DFHLIST	N/A
DIANAS	N/A
DIANAT	N/A

**Resource Group Definitions**

Name	CICS System
GENA	N/A
GENASAD	N/A
GENASAF	N/A
GENASAP	N/A
GENASAT	N/A
GENASA2	N/A

**Resource History for GENASA2 from earliest to latest entry**

Revision Time	Resource Name/After	Resource Type/Before	Group	User Name	Cc
2012/03/18 16:47:47	TEST	TRANDEF	GENASA2	DDS1964	DEI
2012/01/26 14:53:34	TEST	TRANDEF	GENASA2	DNET409	UPI
2012/01/26 08:43:46	TEST	TRANDEF	GENASA2	DNET409	UPI
2012/01/26 08:42:55	TEST	TRANDEF	GENASA2	DNET409	UPI
2012/01/24 20:42:44	TEST	TRANDEF	GENASA2	DNET409	CRI
2012/01/24 20:42:19	DB1S	DB2CDEF	GENASA2	DNET409	UPI
2012/01/24 20:41:48	DB1SLU2	DB2EDEF	GENASA2	DNET409	CO
2012/01/24 20:40:28	DB1S	DB2CDEF	GENASA2	DNET409	CO

# Change Package Lifecycle management – Add resources to Package

The screenshot shows the IBM CICS Explorer BETA interface. The main window is titled 'Change Packages' and displays a table of packages. A context menu is open over the 'Package...' option, showing a list of packages including DEV2TEST, 00000001, 00000003, and 00000002. The 'Resource History' window is also visible, showing a table of resource history for KSDSPOLY.

Name	Version	Create Time	Change Time	Description	Status
KSDSCUST	0	13-Dec-2011 12...	13-Dec-2011 12...		✓ ENABLED
KSDSPOLY		13-Dec-2011 12...	28-Feb-2012 08...		✓ ENABLED

Revision Time	Resource	Source Type/Before	Group	User Name	Comments
2012/02/28 08:51:57	KSDSPOLY	FILEDEF	GENASAF	DNET409	UPD...



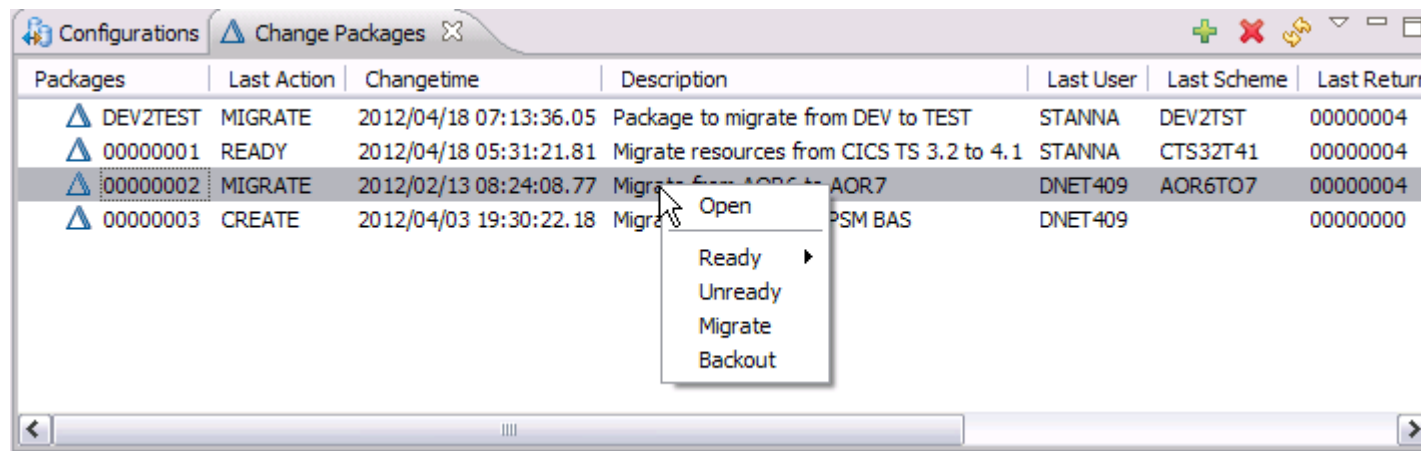
# Change Package Lifecycle management – double click on Package to open

The screenshot shows the IBM CICS Explorer BETA interface. The main window is titled 'Change Package (DEV2TEST)'. It features a 'Migration Scheme' section with a dropdown menu set to 'DEV2TST'. Below this is a 'Resources' section with a table listing resources and their states.

Resources	Ready State	Group	Configuration	Remove
Program Definition (1)				
ZACCTQ	Ready	CICSSFRG	CTS32CSD	
Resource Description Definition (1)				
TESTLIST	Ready		CTS32CSD	

Other panels visible include 'Configurations' with a table of packages, 'Group List Definitions' for CSDAOR6, and 'Resource Group Definitions' for CSDGROUP. The status bar at the bottom shows 'IZEO100I Connected user STANNA to host demomvs.demopkg.ibm.com on port 6023' and the system tray displays the date 'Wednesday 18/04/2012' and time '14:41'.

## Change Package Lifecycle management – actions available on Package



The screenshot shows a window titled 'Configurations' with a sub-tab 'Change Packages'. It displays a table of packages with columns for Packages, Last Action, Chargetime, Description, Last User, Last Scheme, and Last Return. A context menu is open over the package '00000002', showing options: Open, Ready, Unready, Migrate, and Backout.

Packages	Last Action	Chargetime	Description	Last User	Last Scheme	Last Return
DEV2TEST	MIGRATE	2012/04/18 07:13:36.05	Package to migrate from DEV to TEST	STANNA	DEV2TST	00000004
00000001	READY	2012/04/18 05:31:21.81	Migrate resources from CICS TS 3.2 to 4.1	STANNA	CTS32T41	00000004
00000002	MIGRATE	2012/02/13 08:24:08.77	Migrate from AOR6 to AOR7	DNET409	AOR6TO7	00000004
00000003	CREATE	2012/04/03 19:30:22.18	Migrate from PSM BAS	DNET409		00000000

# Change Package Lifecycle management – History view

The screenshot displays the IBM CICS Explorer BETA interface. The main window is titled "Change Package (DEV2TEST)". The "Migration Scheme" section is active, showing a selected scheme: **DEV2TEST:DEV2TST (2012/04/19 08:15:38.27)**.

The "Resources" section contains a table with the following data:

Scheme	API Command	Timestamp	Userid	Return Code	Reason Code
DEV2TST	MIGRATE	2012/04/19 08:15:38.27	STANNA	00000004	00040024
DEV2TST	READY	2012/04/19 08:15:29.04	STANNA	00000004	001100AC
DEV2TST	BACKOUT	2012/04/19 08:14:55.23	STANNA	00000000	00000000
DEV2TST	MIGRATE	2012/04/18 07:13:36.05	STANNA	00000004	00040024
DEV2TST	READY	2012/04/18 07:13:18.38	STANNA	00000000	00000000

Other panes visible include "Change Packages" with a list of packages like #DEF, #DEF2, CICS CM, etc., and "Resource Group Definitions" showing a list of resources like GENASAF, GENASAP, etc.

## Improved Install function for CSD resources including Groups

