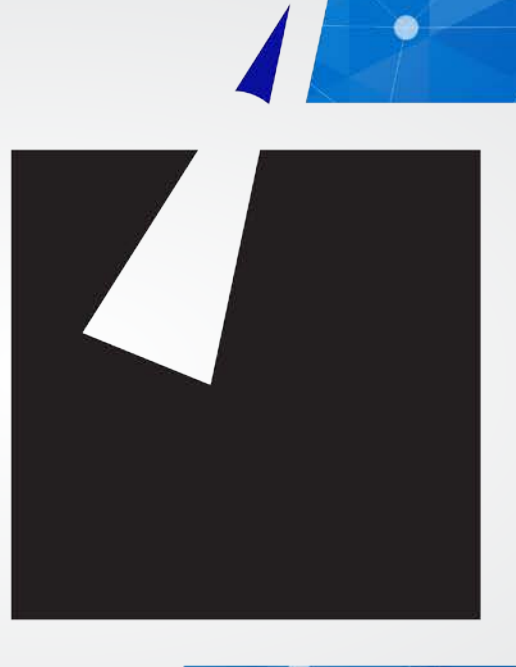




EFFICIENT MANAGEMENT OF ONLINE RESOURCES USING CICS CONFIGURATION MANAGER

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Rocket Software
Tuesday 5 March 2019,
10:30 Central Standard Time, 16:30 GMT



CONTENTS

Why CICS CM is useful

Editing CSD files

CSD files and CPSM BAS

Migrating changes

Delegating responsibilities

Changes across LPAR boundaries

Backout

Audit compliance

Cleanup and analysis

Comparisons and exception analysis

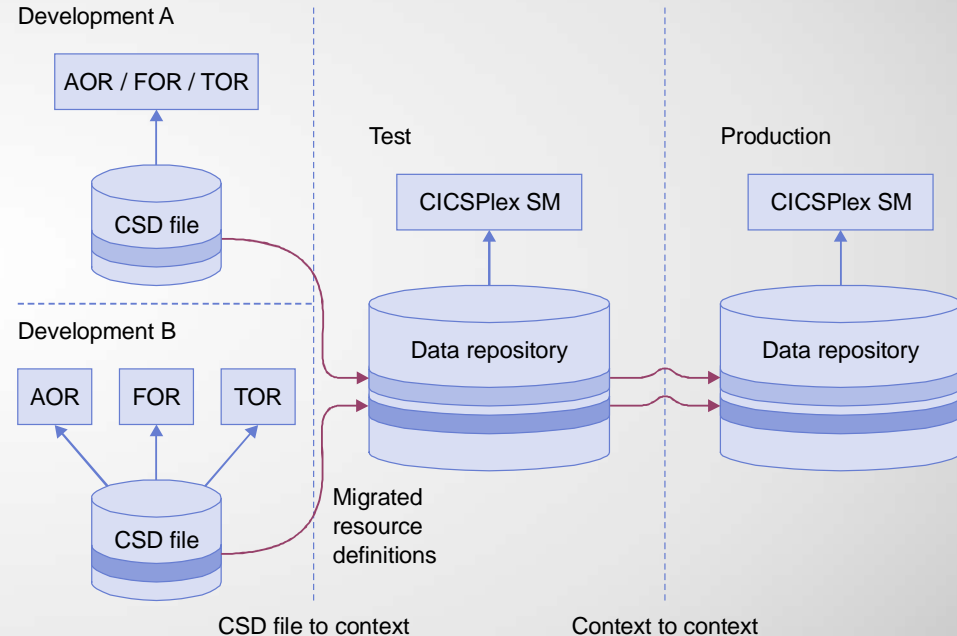
Cold start analysis

zFS support

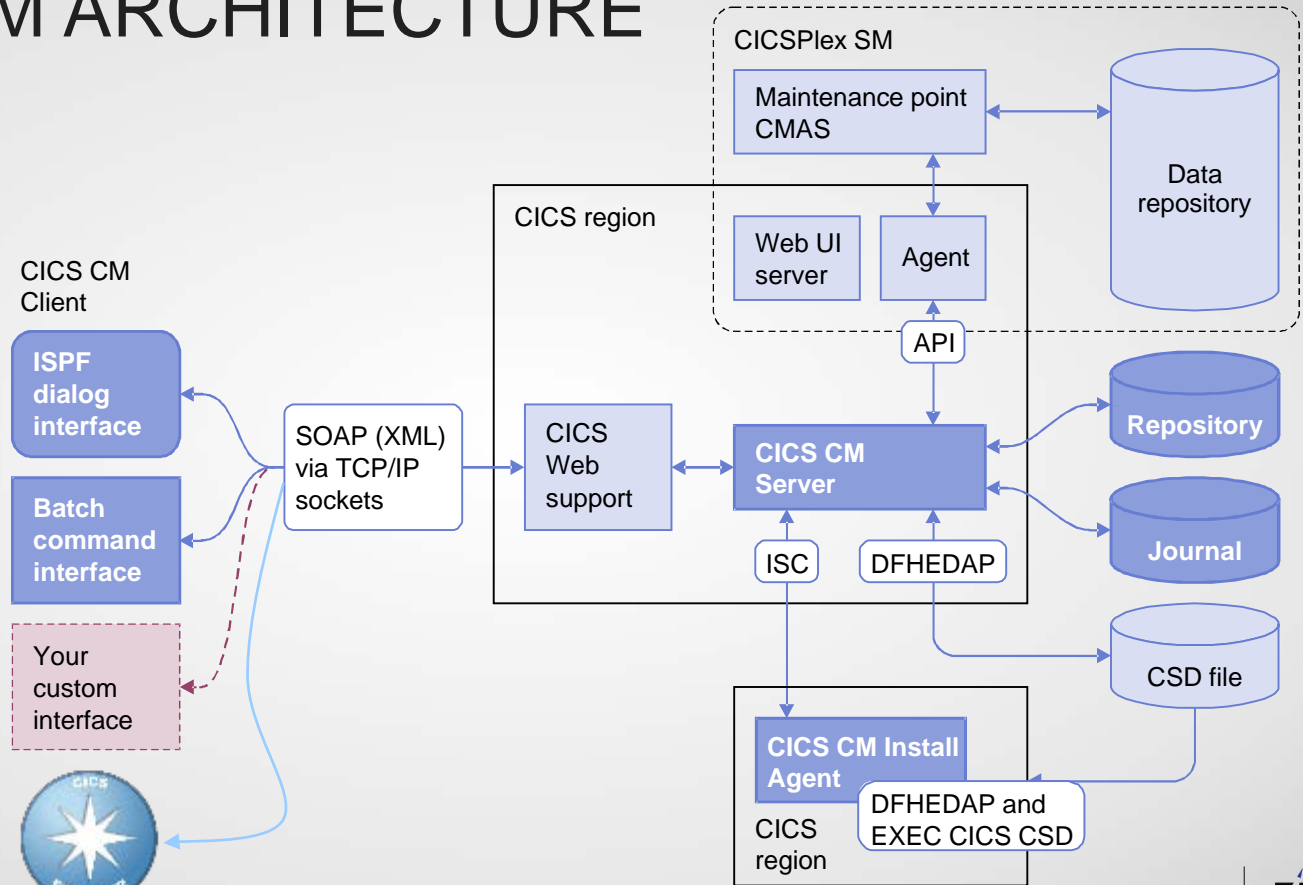
DFHCSDUP audit collection

WHY THE NEED FOR CICS CM

- Manage resource definitions on multiple repositories across diverse environments
- Make rapid and frequent updates to resource definitions to handle new business requirements
- Understand the impact of definition attributes on target environments
- Identify duplicate, redundant, or inconsistent resource definitions



CICS CM ARCHITECTURE



CICS ADMINISTRATION PROBLEMS AND SOLUTIONS

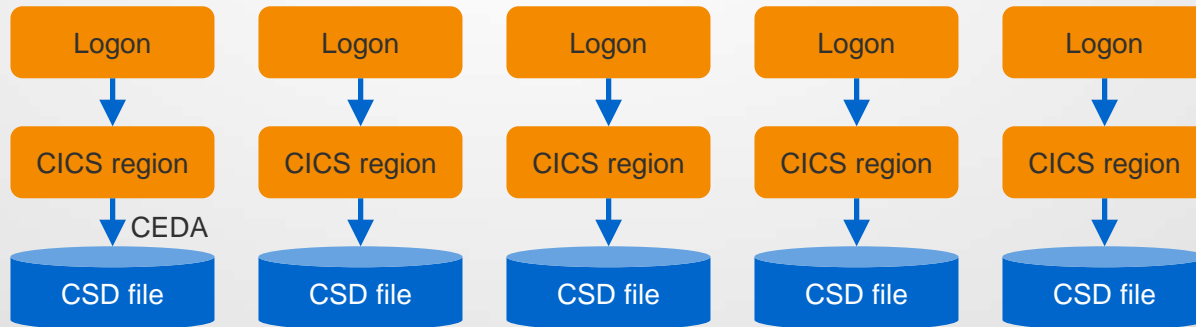
Sample use cases

- Editing CSD files
- Working with CSD files and CPSM BAS repository
- Migrating changes between environments
- Delegating and approving changes
- Changes across LPAR boundaries
- Backout
- Audit compliance
- Clean-up and analysis
- Comparisons and exception analysis
- Cold start analysis
- Control of related zFS files
- Audit of DFHCSDUP changes

EDITING CSD FILES

Problem

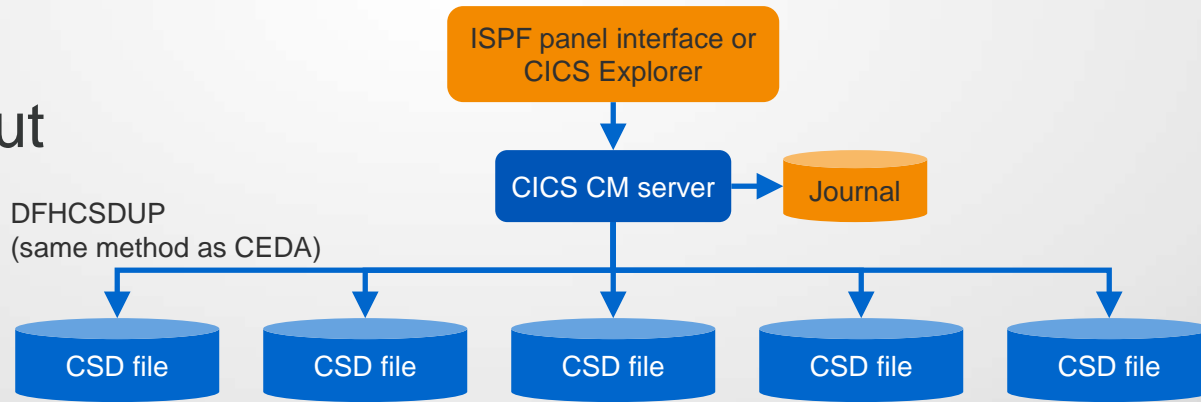
- Logon or route to each CSD's maintenance point
- CICS regions must be running
- No audit trail or easy backout



EDITING CSD FILES

Solution

- Single point of control (via the CICS CM Server)
- Application CICS regions may be inactive
- Audit trail
- Easy backout



EDITING CSD FILES

Menu option 4.1, **Reports > Multiple Configs**

Solution

Reports CICS Configurations Row 1 to 12 of 12
Command ===> _____ Scroll ===> PAGE
More: < >

Select one or more CICS configurations and press Enter

Filter DEMO*

/	Name	Context	CSD File	Format
	DEMO		CCVCICS.DEMO.DFHCS	CSD
<u>S</u>	DEMOCPSM	CCVPLEXK		CPSM
<u>S</u>	DEMODEVT		CCVCICS.DEMODEVT.DFHCS	CSD
	DEMOPROD		CCVCICS.DEMOTEST.DFHCS	CSD
<u>S</u>	DEMOTEST	CPSM1		CPSM

Select multiple

Display multiple

Resources Multiple Configuration Resource Row 106 to 120 of 1,366
Command ===> _____ Scroll ===> PAGE

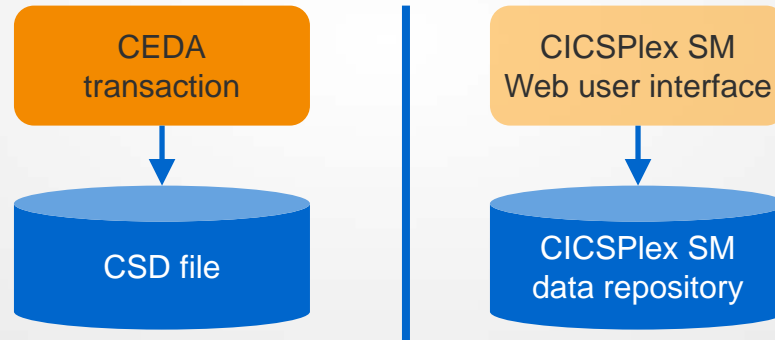
Filter * _____ PROGRAM + DEMOGRP1

/	Name	Type	Group	Prompt	Config
	DEMAMG10	PROGRAM	DEMOGRP1		DEMOCPSM
<u>S</u>	DEMAMG10	PROGRAM	DEMOGRP1		DEMODEVT
<u>S</u>	DEMAMG10	PROGRAM	DEMOGRP1		DEMOTEST

WORKING WITH CSD FILES AND CPSM BAS REPOSITORY

Problem

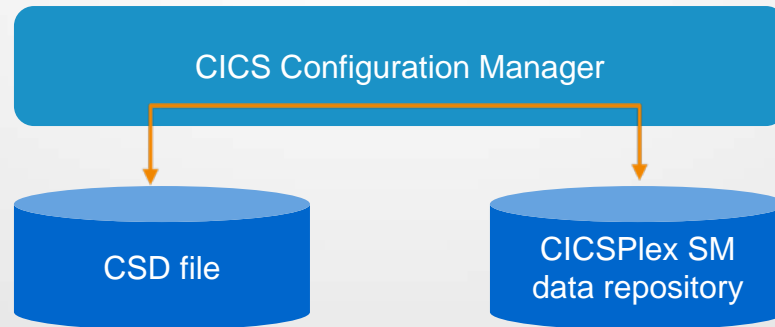
- Different interfaces: CEDA or CPSM WUI
- No method for moving from CPSM repository to CSD file



WORKING WITH CSD FILES AND CPSM BAS REPOSITORY

Solution





- Single user interface
- Seamless across CSD files and CPSM repositories
- Copy resource definitions in either direction





SUPPORT FOR CPSM RESOURCES

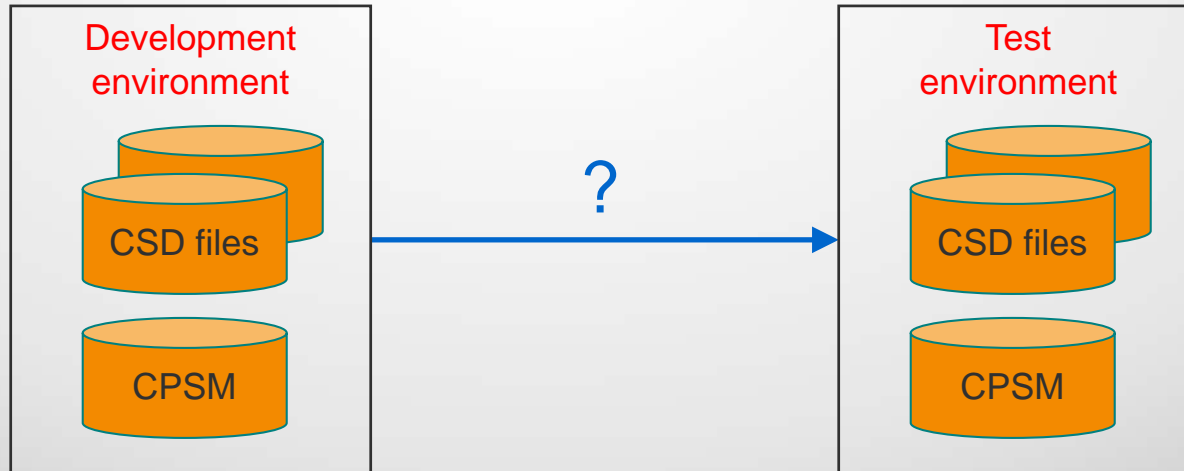
Solution

- you can define and work with CICSplex SM resource definitions
 - WLMDEFs (WLMSPEC WLMGROUP WLMDEF TRANGRP LNKSWSCS LNKSWSCG WLMINSPC WLMINGRP DTRINGRP) 
 - topologies (CSYSDEF CSYSGRP PERIODEF CSGLCGCS CSGLCGCG) 
 - package (via P line action) 
 - transform (via ISPF option 1.5) 

MIGRATING CHANGES BETWEEN ENVIRONMENTS

Problem

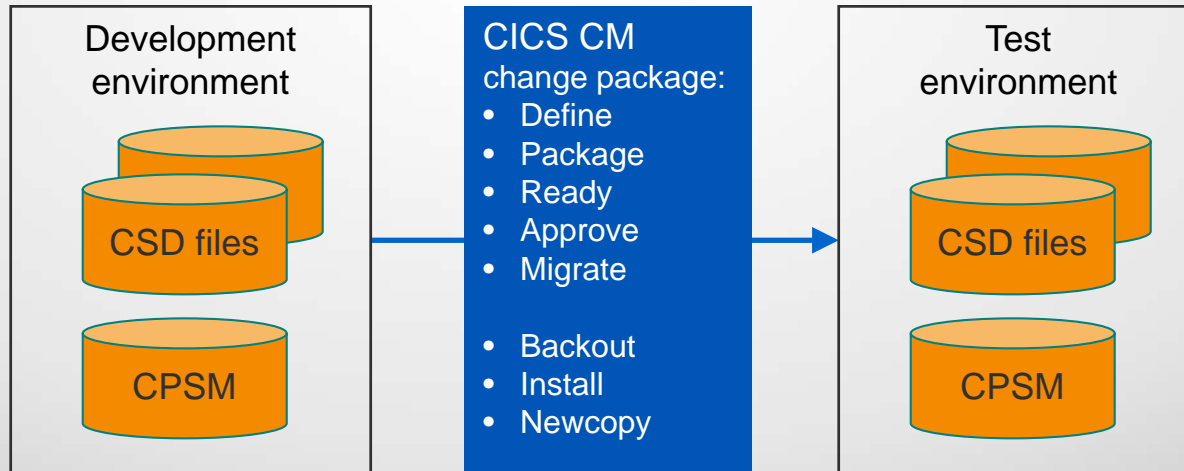
- How do you systematically promote resource definition changes?
 - Collecting sets of definitions
 - Tailoring definition attributes (data set names in Files)
 - Identifying and updating target CSD files or CPSM BAS repositories



MIGRATING CHANGES BETWEEN ENVIRONMENTS

Solution

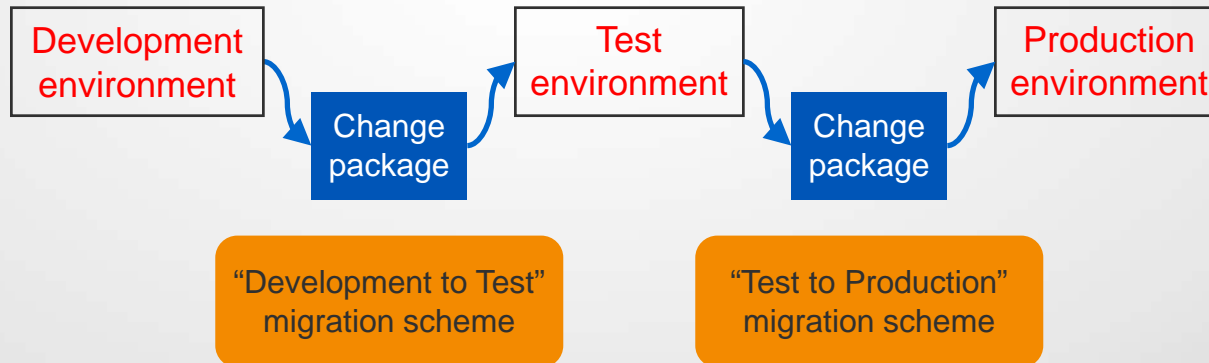
- Group changes into a CICS CM change package
- Manage the package as a single unit
- Supports Ready, Approve, and Backout processing
- APIs and exit-points for integration to change-control products



MIGRATING CHANGES BETWEEN ENVIRONMENTS

Solution

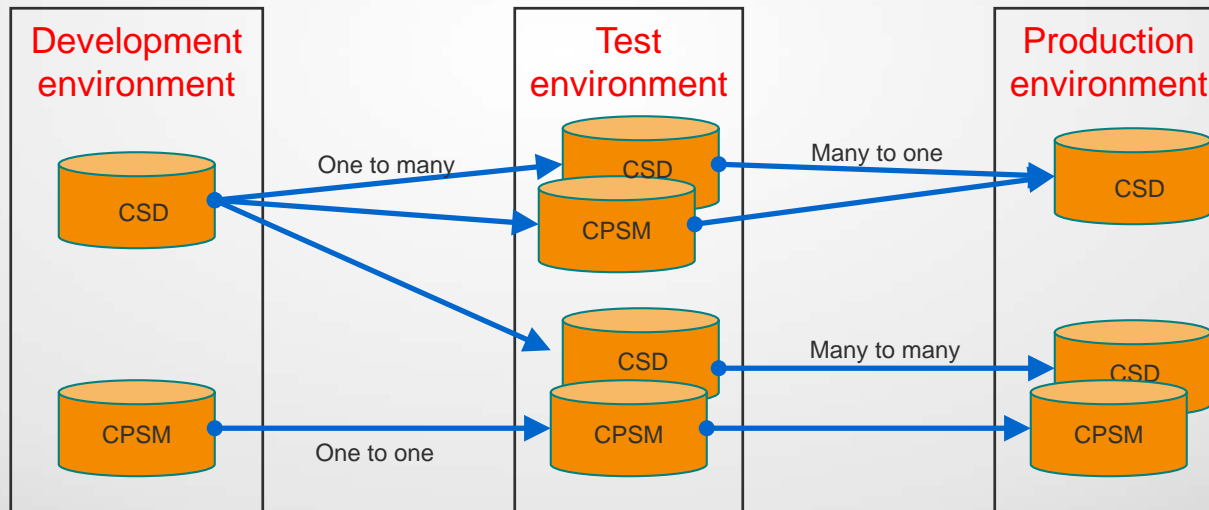
- Migration schemes identify source and target repositories
- Different schemes to progressively migrate a change package



MIGRATING CHANGES BETWEEN ENVIRONMENTS

Solution

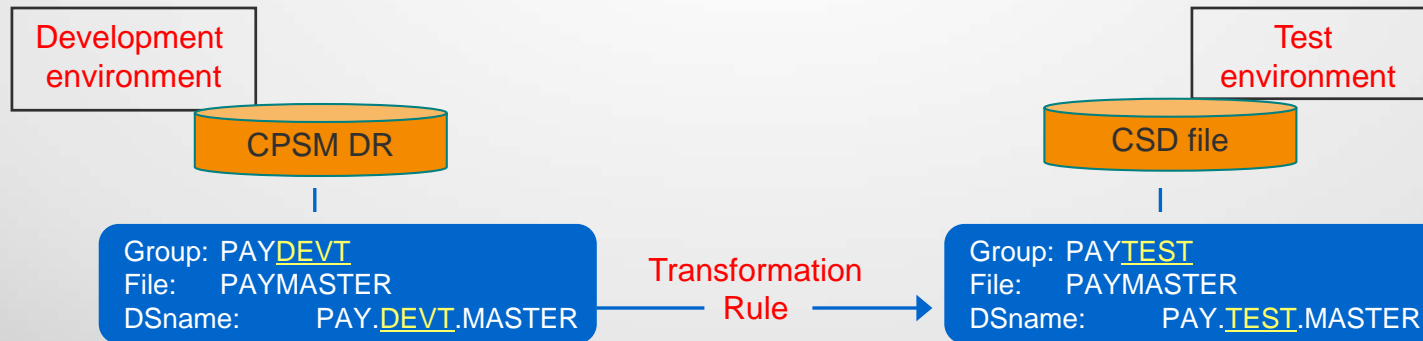
- Schemes can intermix CSD files or CPSM repositories
- Supports one or many source/target pairs in any combination



MIGRATING CHANGES BETWEEN ENVIRONMENTS

Solution

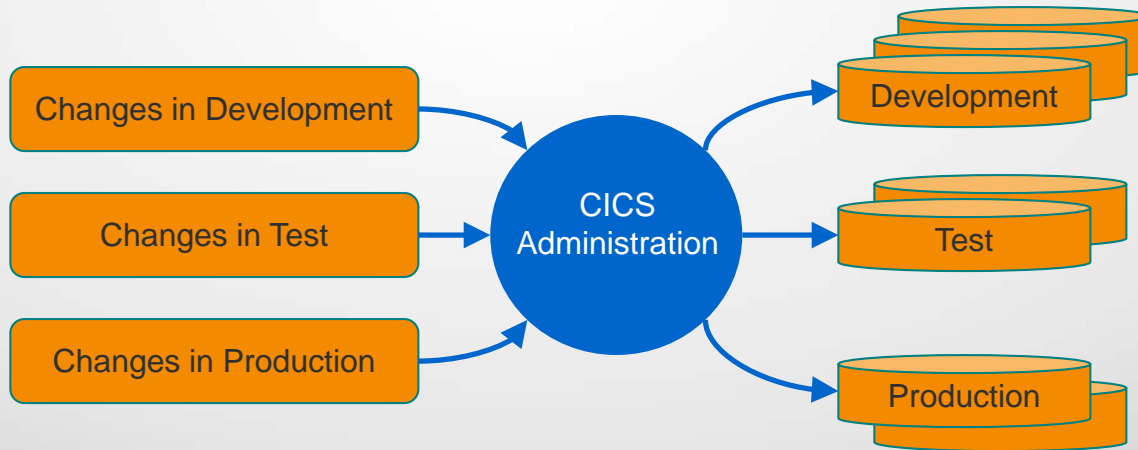
- Transformation rules tailor definitions for each target:
 - No manual editing – it's automatic
 - You can change group names, attribute values, or resource definition names
 - Value masking is supported (e.g. change File DSNAME *DEVT* to *TEST*)
 - Qualification criteria may be specified



DELEGATING RESPONSIBILITIES

Problem

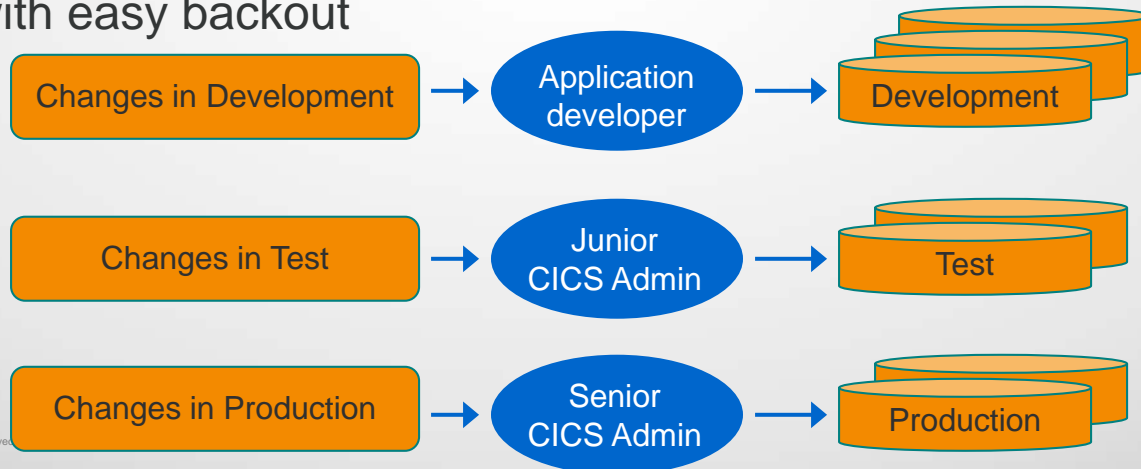
- Administration bottlenecks for resource definition changes
- CICS support personnel are overworked and scarce
- Complexity and 'institutional knowledge' makes delegation risky



DELEGATING RESPONSIBILITIES

Solution

- Security controls by repository, Group, type and name
- Standards enforcement for attribute values
- Approve change packages before migration
- Audit trail with easy backout



DELEGATING RESPONSIBILITIES

Solution

```
Edit
Command ==> _____

Program . . . : DEMACOPY
Group . . . . : DEMAGRP1
Location . . . : CCVPLEXF
Change Date . : 2017/10/30 10:32:01.74
Description . . Demonstration - COPY API Handler - changed

                                     More: +

Language . . . COBOL +   Default   Alternative Values
Reload . . . . NO +     NO       ASSEMBLER C COBOL LE370 PLI
Resident . . . NO +     NO       YES
Usage . . . . . NORMAL +   NORMAL   TRANSIENT
UseLPacopy . . NO +     NO       YES
Status . . . . . ENABLED +  ENABLED  DISABLED
CEDF . . . . . NO +     YES      NO
DataLocation . ANY +     BELOW    ANY
ExecKey . . . . USER +     USER     CICS
Concurrency . . QUASIRENT +  QUASIRENT  REQUIRED THREADSAFE N_A
API . . . . . CICSAPI +   CICSAPI   OPENAPI
```

1. Set CEDF(NO) which violates standards, then SAVE

DELEGATING RESPONSIBILITIES

Solution

```
Exception Messages
Row 1 to 3 of 3
Command ==> _____ Scroll ==> PAGE

Messages
XPRA: Create/Update of this resource was rejected by a site Exit. Rule
. details: PGM_0001-A-0001
XPRA: Attribute CEDF must have value YES
***** Bottom of data *****
```

Standards enforced

RULE_NAME	ATTRIBUTE	CONDITION	ACTION
PGM_0001	Q PROGDEF_GROUP	EQ DEMOGRP1	
PGM_0001	Q PROGDEF_NAME	EQM DEMA*	
PGM_0001	A PROGDEF_CEDF	NE YES	REJECT

DELEGATING RESPONSIBILITIES

Solution

```
Program
SAVEAS Confirmation Authorization failed

Enter details and press Enter to save new PROGRAM

Name . . . . . DEMACOPY
Group . . . . . PAYROLL +
CICS Configuration . . DEMODEVT +
```

You are not authorized to perform the requested function. Security failure details are logged in the CICS Configuration Manager server job output, using a message prefix DFHXS.

```
CEDF . . . . . YES +
DataLocation ANY +
ExecKey . . . . . USER +
Concurrency . . QUASIRENT +
API . . . . . CICSAPI +
```

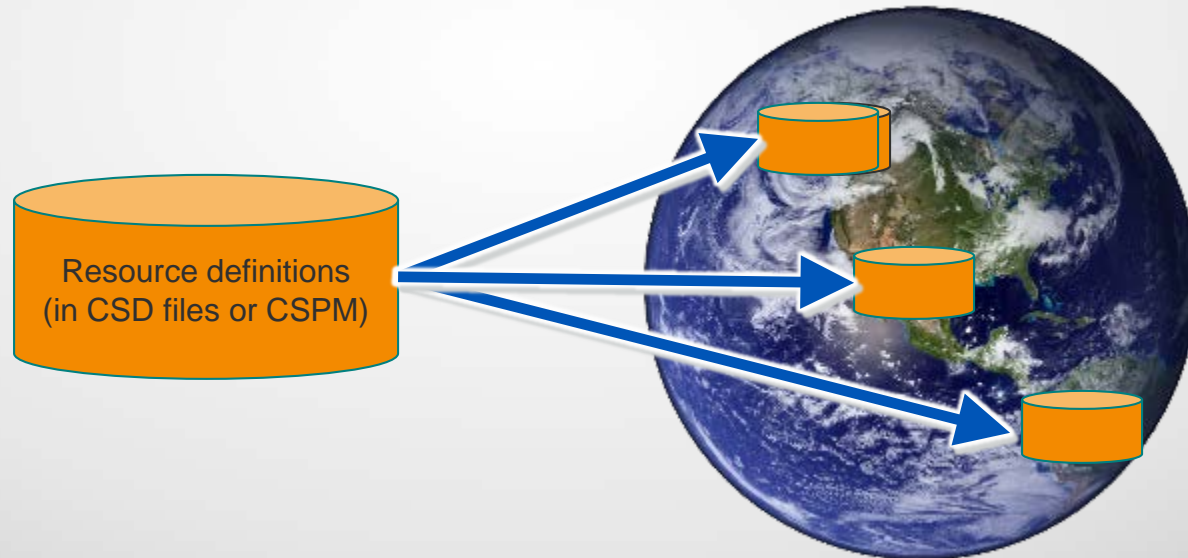
```
RACF PFX CONFIG GROUP TYPE NAME
PERMIT CCV.DEMOCPSM.PAYROLL.PROGDEF.*
CLASS(XFACILIT)
ID(RJA2) ACC(NONE)
```

Secure definitions by repository, Group, Type and Name

CHANGES ACROSS LPAR BOUNDARIES

Problem

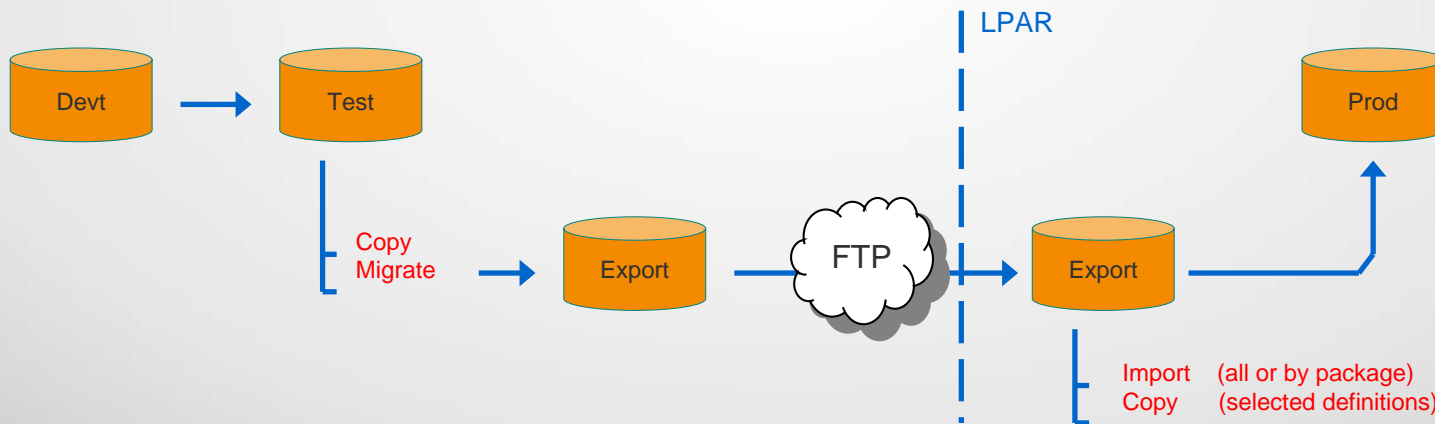
- Need to distribute resource definition changes to remote CICS sites across LPAR boundaries



CHANGES ACROSS LPAR BOUNDARIES

Solution

- Export definitions selectively by Copy or via change package Migrate
- Samples illustrate automated file transfer to remote sites
- Import definitions with auto-register of change packages

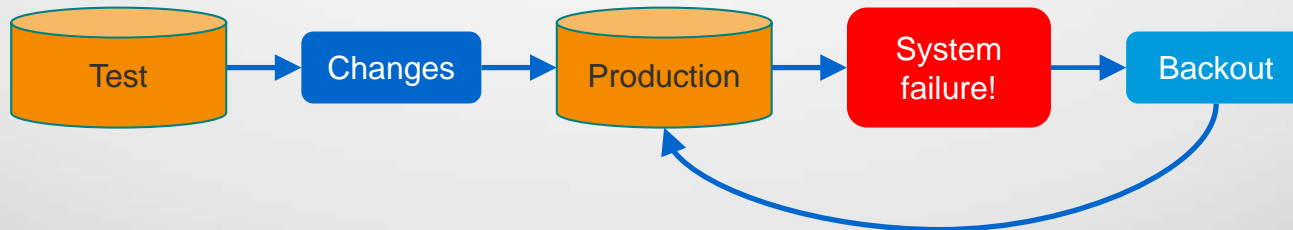




BACKOUT

Solution

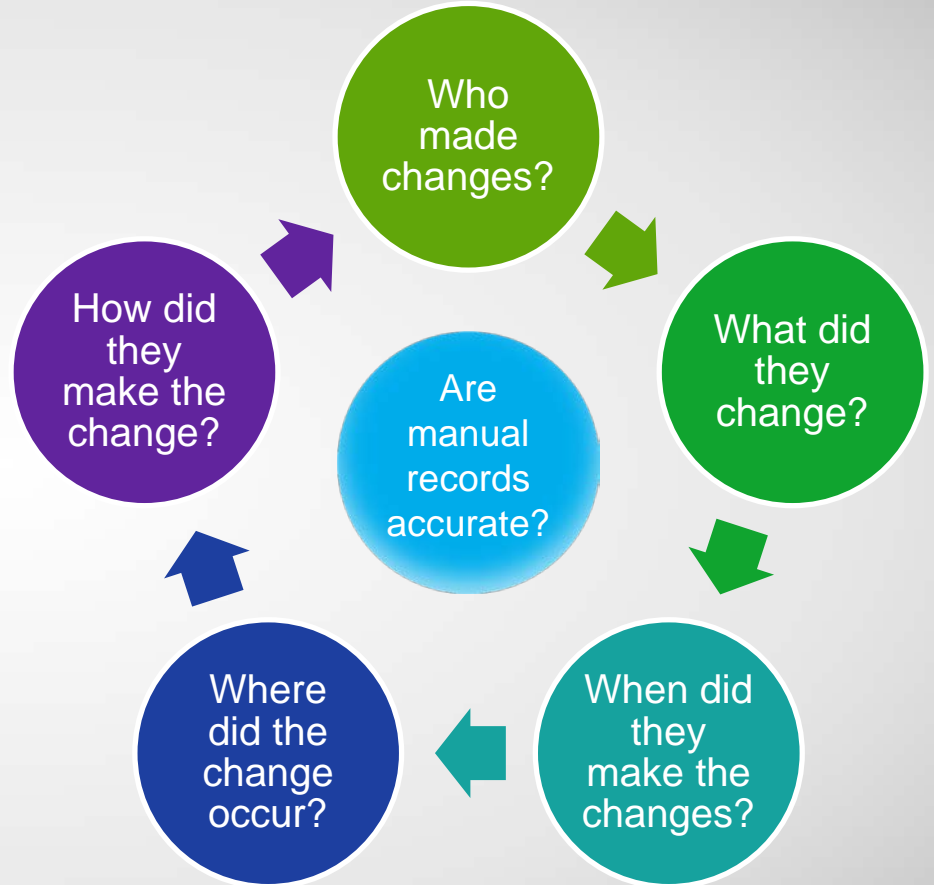
- All changes logged to a journal file
- Backout entire change package
- Recover individual resource definitions
- View resource definition histories on screen



AUDIT COMPLIANCE

Problem

- Requirement to collect audit data
- Searching and reporting results is cumbersome and time consuming



AUDIT COMPLIANCE

Solution

- All changes logged to a journal file
- Online histories and journal-event views
- ISPF, Explorer and Batch journal audit reporting

History Properties

Resource History for CSDAOR6 from 2013/08/14 09:52:30 to latest entry

Revision Time	Resource Name/After	Resource Type/Before	Group	User Name	Configuration	Command
▲ This Week						
▶ 2013/11/13 15:28:44	STAT	TRANDEF	DFH\$STAT	DDS1964	CSDAOR6	INSTALL
▶ 2013/11/13 15:22:05	STAT	TRANDEF	DFH\$STAT	DDS1964	CSDAOR6	INSTALL
▲ 2013/11/12 14:14:35	TEST	TRANDEF	DEMOGRP	DNET461	CSDAOR6	UPDATE
	TWASIZE	0				
▲ 2013/11/12 14:14:11	TEST	TRANDEF	DEMOGRP	DNET461	CSDAOR6	UPDATE
	TWASIZE	100				
▶ 2013/11/12 14:10:18	TEST	TRANDEF	DEMOGRP	DNET461	CSDAOR6	CREATE
▲ Older Than This Week						
▶ 2013/11/05 07:45:56	FILE1	FILEDEF	AAA	STANNA	CSDAOR6	DELETE
▶ 2013/11/05 07:45:56	TEST	ATOMDEF	AAA	STANNA	CSDAOR6	DELETE
▶ 2013/11/05 07:45:56	DFH\$W2F1	ATOMDEF	AAA	STANNA	CSDAOR6	DELETE
▶ 2013/11/04 11:31:44	LGTESTC1	PROGDEF	GENASAP	DNET345	CSDAOR6	UPDATE
▶ 2013/11/04 09:07:00	SSC1	TRANDEF	GENASAT	DNET345	CSDAOR6	UPDATE

AUDIT COMPLIANCE

Solution

```
Compare Transaction
Command ==> _____

Transaction . : TEST TEST
ResGroup . . : DEMOGRP DEMOGRP
Location . . : CCVCICS.CICSREG.ABCCSD CCVCICS.CICSREG.ABCCSD
==> Change Date . : 2017/11/01 08:11:31.10 2017/11/01 08:11:12.47
Description . :

Program . . . : GETWIT GETWIT
==> TWAsize . . . : 0 100
Profile . . . : DFHCICST DFHCICST
PartitionSet :
Status . . . : ENABLED ENABLED
TaskDataLoc . : BELOW BELOW
TaskDataKey . : USER USER
StorageClear : NO NO
Runaway . . . : SYSTEM SYSTEM
Shutdown . . : DISABLED DISABLED
Isolate . . . : YES YES
BRexit . . . :
```

More: +

CLEANUP AND ANALYSIS

Problem

- Do I have:
 - Orphan Groups (Groups unrelated to any Lists)
 - Duplicated definitions (same name, different attribute values)
 - Redundant definitions (same attribute values, different names)
- How do I find ... a needle in a haystack?
 - All PAY files using LSRpoolID(1)
 - All programs using DataLocation(BELOW)

CLEANUP AND ANALYSIS

Solution

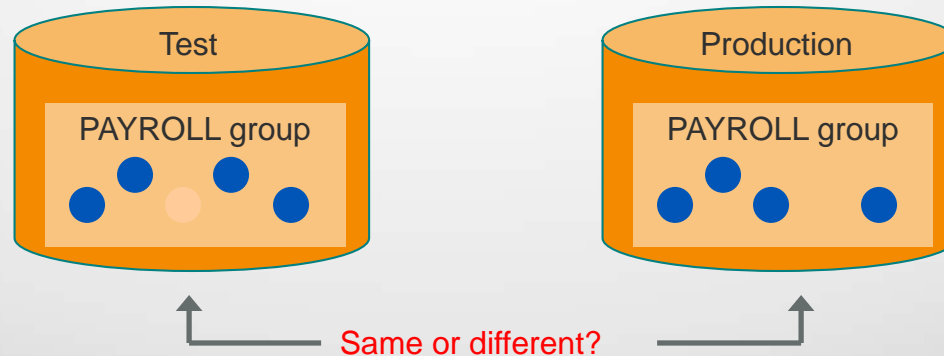
The screenshot displays the IBM CICS Explorer interface. The main window shows a list of resource groups for the CSDAOR6 repository. A context menu is open over the list, with the 'Clean up' option selected. This option has a sub-menu with three items: 'Show resources with unique names', 'Show duplicate resources by name and type', and 'Show orphaned groups'. The 'Orphaned groups for CSDAOR6' pane on the right lists various resource names such as SLY, @JXRMFCT, @ZXRPFCT, ABC, ADDMOS, AOR1CONN, AOR1CTG, AOR1SOAP, AOR1TCP, AOR2CONN, AOR2SOAP, AOR2TCP, AOR4CTG, AOR4SOAP, AOR4TCP, and AOR5SOAP. The bottom pane shows the 'Resource Group Definition' for CSDAOR6, listing resources and their CICS System values, many of which are 'N/A'.

Name	CICS System
SLY	N/A
@JXRMFCT	N/A
@ZXRPFCT	N/A
AAAAA	N/A
ABC	N/A
ACCSRV	N/A
ADDEMOS	N/A
ADDER	N/A
ADDMOS	N/A
ADLAB	N/A
ADLABCLA	N/A
ADNARRGP	N/A
ADNPCRGP	N/A

COMPARISONS AND EXCEPTION ANALYSIS

Problem

- Is Group(PAYROLL) the same in TEST and PRODUCTION?
- What definitions are missing?
- What definitions are different?
- Are the FILEs the same, except for DSNNAME?
- How can I compare two resource definitions?



COMPARISONS AND EXCEPTION ANALYSIS

Solution

- Side-by-side compare of Lists, Groups, or Resources
- Compare across CSDs, CPSM DRs, or history views
- ‘Checksum’ analysis (hash-value used as a compare indicator)
 - Predefined attribute lists for checksum calculation
 - User-selectable attributes for checksum calculation
 - n-Way analysis across 2, 3, 4 or multiple repositories
 - ‘Show’ exception analysis to highlight anomalies

COMPARISONS AND EXCEPTION ANALYSIS

Solution

CICS CM - Compare group GRP1 from DEVT with GRP1 from TEST - IBM Explorer for z/OS - C:\Users\jamwil01\zosexplorer

File Edit Navigate Search Project Run Operations Definitions Window Help

Quick Access z/OS Team Synchronizing Resource CICS PA CFlow CICS CM

Configurations Name: []

Connection: CCVWJXC Resource: Configurations. 24 records collected.

Name	Repository
DEV	CCVCICS.CCVWJ...
DEVTJW	CCVCICS.CCVWJ...
ETH	
JAMCC	CCVCICS.CCVWJ...
TEST	CCVCICS.CCVWJ...
TESTJW	CCVCICS.CCVWJ...

Group List Definitions Name: []

CNX0211I Context: DEVT. Resource: CSDLIST. 5 (filtered) records collected at 25 Oct 2017 1:43:30 pm

Name	CICS System
CCM530	N/A
CCM540	N/A
CCVWJXC	N/A

Resource Group Definitions Name: []

CNX0211I Context: DEVT. Resource: CSDGROUP. 151 (filtered) records collected at 25 Oct 2017 1:43:30 pm

Name	CICS System
ACCTPAY	N/A
CCV530	N/A
CCV540	N/A
CEE	N/A
DFHSACCT	N/A
DFHSAFLA	N/A
DFHSAXIS	N/A
DFHSBABR	N/A
DFHSBARF	N/A
DFHSBAT	N/A
DFHSDATA	N/A

Tran... Pro... File... TD...

CNX0211I Context: DEVT. Resource: TRANDEF. 451 records collected at 25 Oct 2017 1:44:25 pm

Name	Version	Create Ti...	Change Ti...
AP01	0	25/02/2016	25/02/2016
CCVA	0	19/08/2015	19/08/2015
CCVB	0	19/08/2015	19/08/2015
CCVC	0	19/08/2015	19/08/2015
CCVI	0	19/08/2015	19/08/2015
CCVR	0	19/08/2015	19/08/2015
CCVS	0	19/08/2015	19/08/2015
CCVT	0	19/08/2015	19/08/2015
CCVW	0	19/08/2015	19/08/2015
CEDA	0	19/08/2015	19/08/2015
CEDB	0	19/08/2015	19/08/2015
CEDC	0	19/08/2015	19/08/2015
CCVA	0	21/04/2016	21/04/2016
CCVB	0	21/04/2016	21/04/2016

Find: Group Name(s) G* in DEVT, TEST (6)

- DEV (2)
 - GPCC
 - GRP1
- TEST (4)
 - GPCC
 - GRP1
 - GRP2
 - GRP3

Compare group GRP1 from DEVT with GRP1 from TEST

No checksum

- PAY
 - Change Time
 - Create Time
 - Wsdfile
 - SCEN2
 - WE5
 - WS01

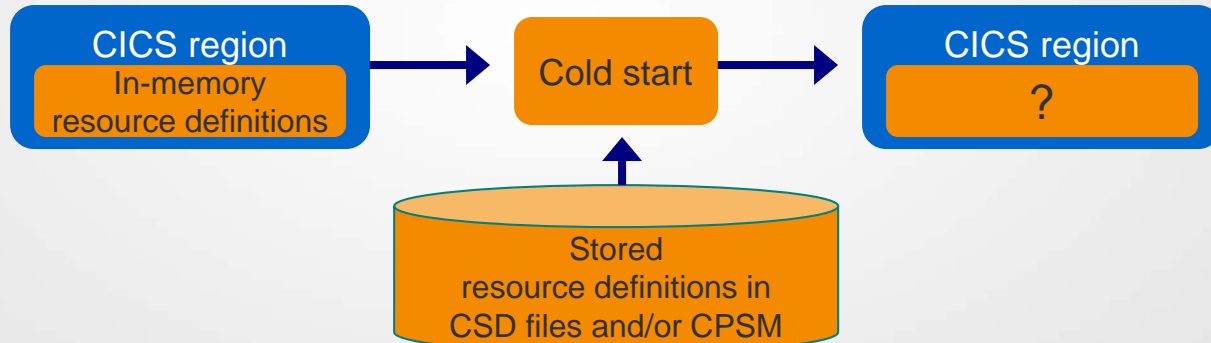
Name	CICS Name	Value (PAY)	Value (PAY)
Business Application Services			
Version	DEFVER	0	0
Basic			
Description	DESCRIPTION		
Pipeline	PIPELINE	PAYP	PAYP
WSBind File	WSBIND	/AZaz09./_#@	/AZaz09./_#@
Name	NAME	PAY	PAY
Validation	VALIDATION	NO	NO
Archivefile	ARCHIVEFILE		
CSD Group	CSDGROUP	GRP1	GRP1
Wsdfile	WSDLFILE	/wsdl.v5.3	/wsdl.v5.2
Definition Signature			
Change Release	CHANGEAGREL	0700	0700
Change User ID	CHANGEUSRID	JXC	JXC
Create Time	CREATETIME	16/06/2017 2:54:37 PM	19/06/2017 8...
Change Time	CHANGETIME	05/09/2017 1:33:59 PM	19/06/2017 9...
Change Agent	CHANGEAGENT	CSDAPI	CSDAPI

CCVWJXC

COLD START ANALYSIS

Problem

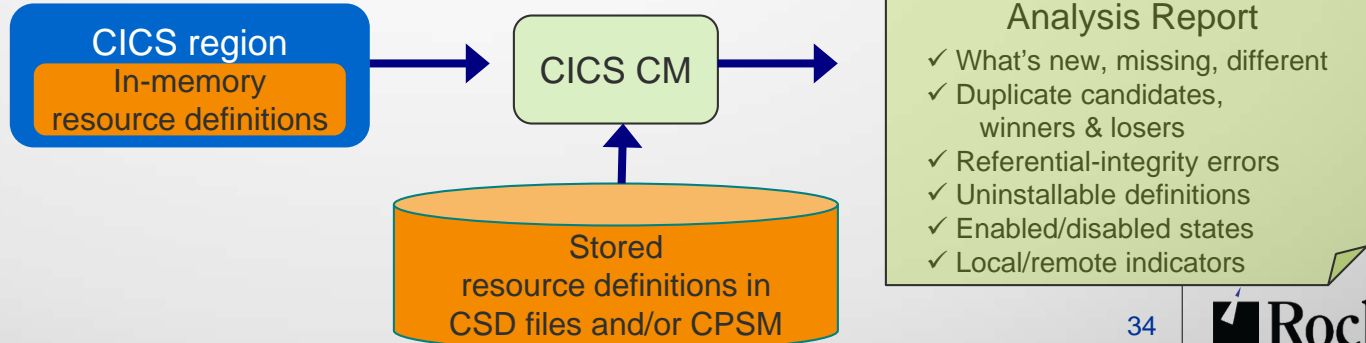
- What will change at the next Cold Start?



COLD START ANALYSIS

Solution

- Immediate analysis – no need to stop/start CICS regions
- Supports CSD, CPSM, or CSD/CPSM hybrid models
- Understands ‘order-sequence’ processing and RASGNDEF overrides
- Provides filtering for auto-install, dynamic resources, known conditions
- Reports ...



COLD START ANALYSIS

Solution

CICS Deployment Analysis Report Cold Start Compare Report Missing Definitions

Missing

Report Item	ID Name	Type	Group	List or RESDESC	Code	Condition	Loc Rem	Ena	VV	Deploy Checksum	Collection Type
7	01	CCVR0001	FILE	CCVSRCS	N/A	0200	Missing	LOC	UNE	A028B276	RUNTIME-CCM
8	01	CCVR0002	FILE	CCVSRCS	N/A	0200	Missing	LOC	UNE	CDC28071	RUNTIME-CCM

CICS Deployment Analysis Report Cold Start Compare Report Mismatched Definitions

Different

Report Item	ID Name	Type	Group	List or RESDESC	Code	Condition	Loc Rem	Ena	VV	Deploy Checksum	Collection Type
98	01	T31M	CONNECTION		0300	Checksum Mismatch	LOC	ENA		5136F694	REGION-CCM
		Attribute: ACCESSMETHOD		Value: IRC							
99	02	T31M	CONNECTION	CCVLINKS	CCVT22M	0300	Checksum Mismatch	LOC	ENA	E709BDAA	CANDIDATES-CSD
		Attribute: ACCESSMETHOD		Value: XM							

CICS Deployment Analysis Report Cold Start Compare Report Referential Integrity Verification

RI errors

Report Item	ID Name	Type	Group	List or RESDESC	Code	Condition	Loc Rem	Ena	VV	Deploy Checksum	Collection Type
148	02	CCVBACK	FILE	CCV540	CCM540	0951	CCV5451W	LOC	ENA	4FE7F1CF	CANDIDATES-CSD
		Attribute: LSRPOOLID		Value: 1							

SINGLE POINT OF CONTROL OVER RESOURCE DEFINITIONS

- Access multiple CSDs, Data Repositories, Lists, and Groups from a single interface (Explorer)

The screenshot displays a software interface with a sidebar on the left and a main content area. The sidebar contains sections for 'Configurations', 'Lists', and 'Groups'. The 'Groups' section is expanded to show a list of groups: GENA, GENASAD, GENASAF, GENASAP, GENASAT, and GENASA2. The main content area shows a search results window for 'All resources for CSDAOR6 Groups GENA, GENASAD, GENASAF, GENASAP, GENASAT, GENASA2'. The search results are displayed in a table with the following columns: Name, Versi..., Create Time, Change Time, Change User ID, Description, and Status. The table contains 26 records, all of which are 'ENABLED' and were created on Dec 13, 2011. The records include various resource names such as LGICDB01, LGICUS01, LGICVS01, LGIPDB01, LGIPOL01, LGIPVS01, LGSETUP, LGSTSQ, LGTESTC1, LGTESTP1, LGTESTP2, LGTESTP3, LGTESTP4, LGUPDB01, LGUPOL01, LGUPVS01, and SSMAP. The description for SSMAP is 'BMS Map'.

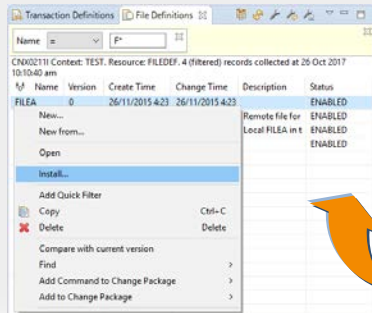
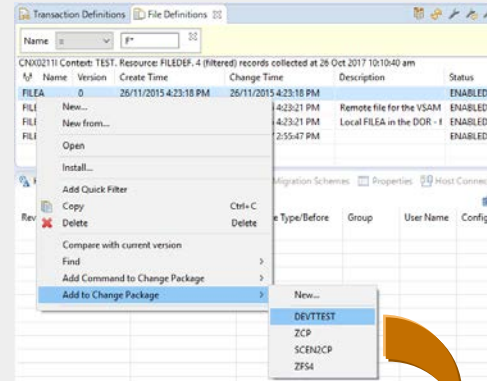
Name	Versi...	Create Time	Change Time	Change User ID	Description	Status
LGICDB01	0	Dec 13, 2011 12:20:45 PM	Dec 13, 2011 12:20:45 PM	DNETS14		✓ ENABLED
LGICUS01	0	Dec 13, 2011 12:20:45 PM	Dec 13, 2011 12:20:45 PM	DNETS14		✓ ENABLED
LGICVS01	0	Dec 13, 2011 12:20:45 PM	Dec 13, 2011 12:20:45 PM	DNETS14		✓ ENABLED
LGIPDB01	0	Dec 13, 2011 12:20:45 PM	Dec 13, 2011 12:20:45 PM	DNETS14		✓ ENABLED
LGIPOL01	0	Dec 13, 2011 12:20:45 PM	Dec 13, 2011 12:20:45 PM	DNETS14		✓ ENABLED
LGIPVS01	0	Dec 13, 2011 12:20:45 PM	Dec 13, 2011 12:20:45 PM	DNETS14		✓ ENABLED
LGSETUP	0	Dec 13, 2011 12:20:45 PM	Dec 13, 2011 12:20:45 PM	DNETS14	Initial setup of TSQueue	✓ ENABLED
LGSTSQ	0	Dec 13, 2011 12:20:46 PM	Dec 13, 2011 12:20:46 PM	DNETS14	Message output to TSQueues	✓ ENABLED
LGTESTC1	0	Dec 13, 2011 12:20:45 PM	Dec 13, 2011 12:20:45 PM	DNETS14	Solution Customer Menu	✓ ENABLED
LGTESTP1	0	Dec 13, 2011 12:20:45 PM	Dec 13, 2011 12:20:45 PM	DNETS14	Solution Motor Policy Menu	✓ ENABLED
LGTESTP2	0	Dec 13, 2011 12:20:45 PM	Dec 13, 2011 12:20:45 PM	DNETS14	Solution Life Policy Menu	✓ ENABLED
LGTESTP3	0	Dec 13, 2011 12:20:45 PM	Dec 13, 2011 12:20:45 PM	DNETS14	Solution House Policy Menu	✓ ENABLED
LGTESTP4	0	Dec 13, 2011 12:20:45 PM	Dec 13, 2011 12:20:45 PM	DNETS14	Solution Commercial Policy Menu	✓ ENABLED
LGUPDB01	0	Dec 13, 2011 12:20:45 PM	Dec 13, 2011 12:20:45 PM	DNETS14		✓ ENABLED
LGUPOL01	0	Dec 13, 2011 12:20:45 PM	Dec 13, 2011 12:20:45 PM	DNETS14		✓ ENABLED
LGUPVS01	0	Dec 13, 2011 12:20:45 PM	Dec 13, 2011 12:20:45 PM	DNETS14		✓ ENABLED
SSMAP	0	Dec 13, 2011 12:20:45 PM	Dec 13, 2011 12:20:45 PM	DNETS14	BMS Map	✓ ENABLED

CICS CM – CICS RESOURCE DEFINITION LIFECYCLE MANAGEMENT

Benefits

- Eliminate manual and error prone processes
- Full audit trail and backout capability
- Integrate with source code change management processes

Change package created for resources in Development repository



Install definitions in CICS regions on test environment

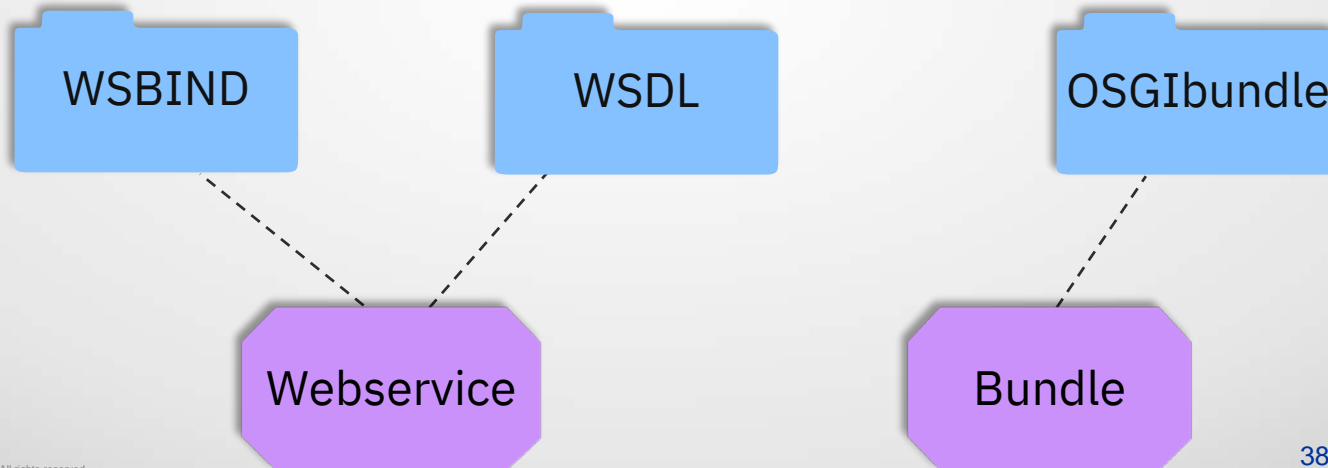
Package	Description	Last Action	Change Time
CP 1		CREATE	2012/05/21 06:49:
DEMO	Demo PKG	CREATE	2012/07/19 08:28:
	Open	READY	2012/09/27 05:44:
	Ready	READY	2012/09/19 08:38:
	Unready	UNREADY	2012/09/25 21:26:
	Migrate	MIGRATE	2012/09/26 13:51:
	Backout	MIGRATE	2012/09/18 10:22:
SFCPKG1	Package for SFC app	READY	2012/04/29 12:40:
SSACHPKG	Change package for SFC app	MIGRATE	2012/05/02 17:52:
00000001	Change package for WMQ definitions	MIGRATE	2012/07/11 03:44:
00000001	Migrate resources from CICS TS 3.2 to 4.1	READY	2012/04/18 05:31:
00000002	Migrate from AOR6 to AOR7	MIGRATE	2012/02/13 08:24:
00000003	Migrate from CSD to CPSM BAS	BACKOUT	2012/05/30 03:55:

Change package migrated to Test environment

ZFS SUPPORT

Problem

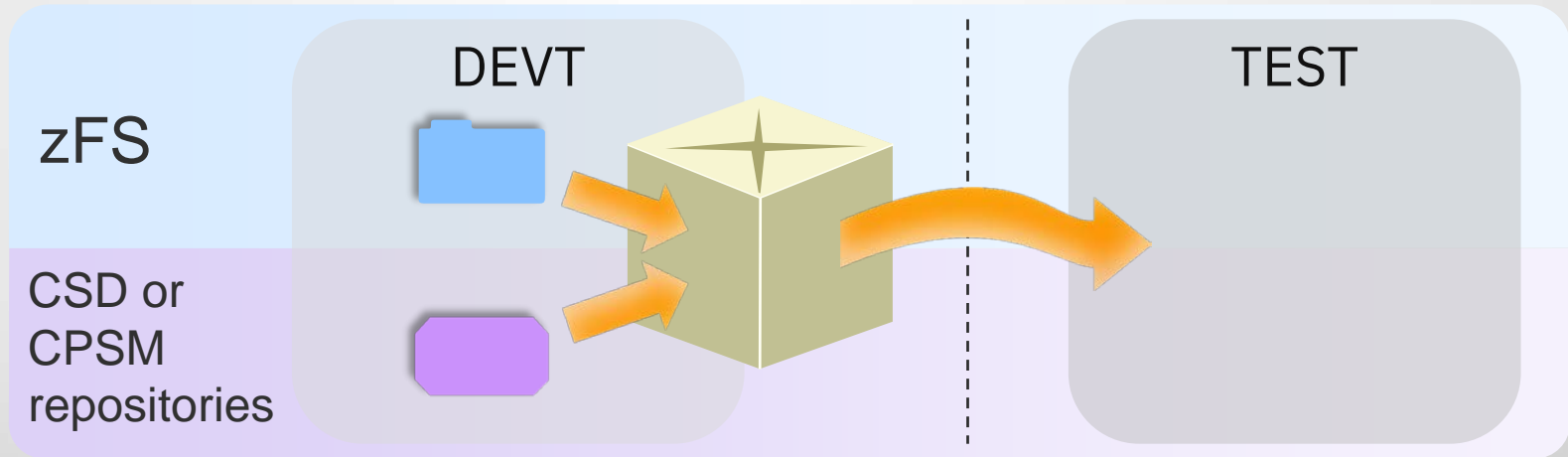
- Some CICS resource definitions have related zFS files, for example bundles and WebService WSDL files.
- **I need configuration control over these too.**



ZFS SUPPORT

Solution

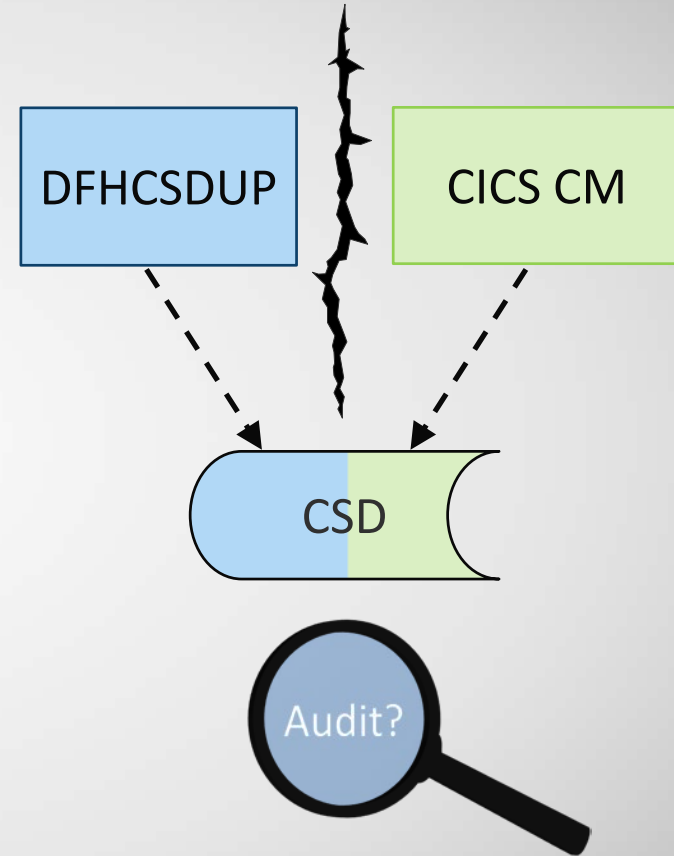
- Define 'ZFSFILE' resource definitions that refer to zFS files or directories. Then migrate or copy the ZFSFILES to the desired CICS configuration along with the related CICS resources.



DFHCSDUP AUDIT COLLECTION

Problem

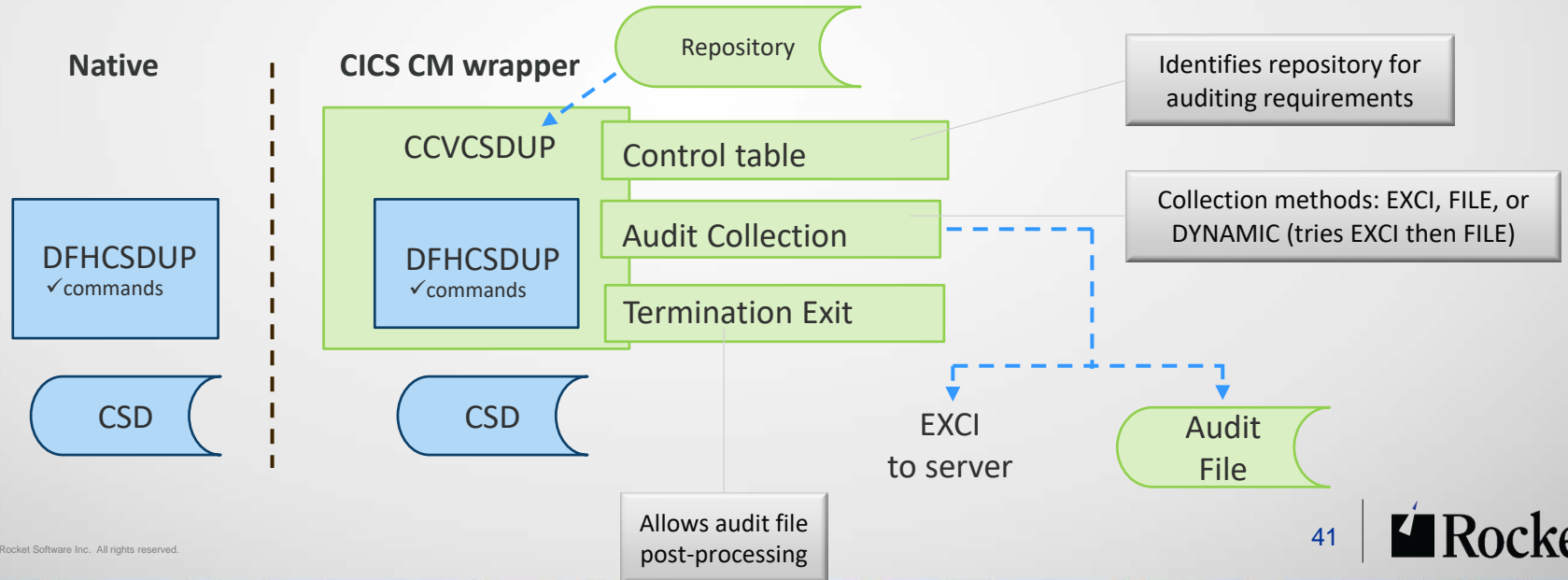
- Sometimes, we need to make emergency changes to CICS resources using DFHCSDUP. These changes aren't tracked by CICS CM, so there is nowhere where you can see an audit record of both the CICS CM and the DFHCSDUP changes.
- **I need to track all changes to the CSD.**



DFHCSDUP AUDIT COLLECTION

Solution

- Collect DFHCSDUP audit records with no changes to existing interfaces or to existing JCL DFHCSDUP jobs



SUMMARY

- Why CICS CM is useful
- Editing CSD files
- Working with CSD files and CPSM BAS repository
- Migrating changes between environments
- Delegating responsibilities
- Changes across LPAR boundaries
- Backout
- Audit compliance
- Cleanup and analysis
- Comparisons and exception analysis
- Cold start analysis
- zFS support
- DFHCSDUP audit collection

IT'S NOT ROCKET SCIENCE.
IT'S ROCKET SOFTWARE.

