

z/OS 3.1 IBM Education Assistant

Solution Name: z/OSMF CFRM policy editor enhancements and CF Sizing integration

Solution Element(s): z/OSMF Sysplex Management

July 2023



Agenda

- Trademarks
- Objectives
- Overview
- Usage & Invocation
- Interactions & Dependencies
- Upgrade & Coexistence Considerations
- Installation & Configuration
- Summary
- Appendix

Trademarks

- See url <http://www.ibm.com/legal/copytrade.shtml> for a list of trademarks.
- Additional Trademarks:
 - None

Objectives

Explain how Sysplex CFRM policy editor enhancements and CF Sizing integration solution can help users to manage their Sysplex.

Overview

- Who (Audience)
 - z/OS system administrator
- What (Solution)
 - System administrator can use CFRM policy editor to import/export CFRM policy data.
 - System administrator can use CFRM policy editor to copy multiple structures together.
 - System administrator can use CFRM policy editor to compare policy data so that they can quickly figure out what are the changes between two policies or be made since the policy is opened.
 - System administrator can use CFRM policy editor to export policy data into CSV format files so that they can do offline review or any other operations that CSV format fits.
 - System administrator can use z/OSMF CF Sizing to calculate CF structure sizes and directly apply changes to their CFRM policies so that they can have higher efficiency and less error-prone for CF sizing plan.
- Wow (Benefit / Value, Need Addressed)
 - These enhancements can help system administrator to edit administrative CFRM policies with higher efficiency and less error-prone.
 - The CF Sizing support will replace the current CF Sizer Web Application and addresses the major issues with that tool.

Usage & Invocation

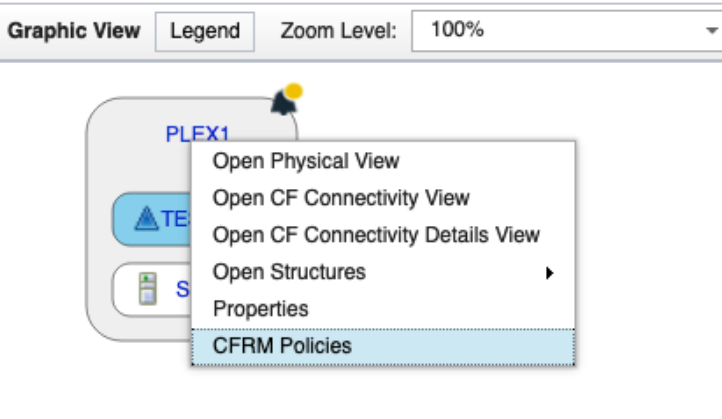
With this solution:

- CFRM administrative policies can be imported into CFRM policy editor, no matter they are in a data set or Unix file or in SYSIN DD* statement JCL. The policy information, CF information and structure information can be viewed and updated much more easily than traditional JCL utility.
- CFRM administrative policies in the z/OSMF Sysplex Management CFRM policy table can be exported to a data set or Unix file.
- In z/OSMF Sysplex Management CFRM policy editor, users can copy multiple CF structures which maybe in one group. They don't have to copy CF structures in one group one by one.

CFRM Policy Editor supports import/export policies

Right click the Sysplex name and select "CFRM Policies" option. Display the Sysplex CFRM administrative policy information in the table, including policy Name, Last updated time and who updated it last time. In the CFRM Administrative policies table, you can see Import action and Export action menu.

Sysplex Management



Sysplex Management > CFRM Administrative Policies

CFRM Administrative Policies

Sysplex:	Active policy:	Date policy activated (UTC):
PLEX1	CTTEST1	02/25/2020 16:09:18

CFRM Administrative Policies		
Actions ▾		
未应用过滤器		
<input type="checkbox"/> Name	Last Updated (UTC)	Updated By
<input type="checkbox"/> Filter	Filter	Filter
<input type="checkbox"/> ALTERPOL	02/25/2020 16:04:56	IBMUSER
<input type="checkbox"/> CTTEST1	02/25/2020 16:04:56	IBMUSER
<input type="checkbox"/> REBLDPCT	02/25/2020 16:04:56	IBMUSER
<input type="checkbox"/> UMDUPLEX	02/25/2020 16:04:56	IBMUSER

CFRM Administrative Policies

Sysplex:	Active policy:	Date policy activated (UTC):
PLEX1	CTTEST1	02/25/2020 16:09:18

CFRM Administrative Policies		
Actions ▾		
未应用过滤器		
<input type="checkbox"/> Name	Last Updated (UTC)	Updated By
<input type="checkbox"/> Filter	Filter	Filter
<input type="checkbox"/> ALTERPOL	02/25/2020 16:04:56	IBMUSER
<input type="checkbox"/> CTTEST1	02/25/2020 16:04:56	IBMUSER
<input type="checkbox"/> REBLDPCT	02/25/2020 16:04:56	IBMUSER
<input type="checkbox"/> UMDUPLEX	02/25/2020 16:04:56	IBMUSER

CFRM Policy Editor supports import/export policies

Below is the UI panel for Import action. In the panel, users can select the system where the data set or Unix file located. Then input the fully qualified name of data set or Unix file where CFRM administrative policies are included. You can view the contents of the data set or Unix file.

Before the administrative policies are to be imported, the Confirm dialog will be popped up as following so that users can know what actions may happen in the CFRM administrative policy table.

Import CFRM Administrative Policy

You can import CFRM administrative policies defined in a properly formatted IXCMIAPU file, stored in an existing PS data set, PDS data set member or pure policy data in an existing PS data set, PDS data set member or a Unix file. Please enter the system location and fully qualified data set or Unix file name.

Select one of the two supported formats of your policy input file ([Learn More...](#)):

☒ JCL, Policy is in SYSIN DD* statement

☐ Policy is in a data set or Unix file

System location:

PLEX1.SY1

* Data set name:

LEO.JCL(DEMO)

View Contents

OK

Cancel

Help

Confirm Import CFRM Administrative Policy

You may import administrative policies from **LEO.JCL(DEMO)** if the import action succeeds. Note: if an administrative policy to be imported contains a REPLACE option, it will overwrite the policy that is already defined in the couple data set. Do you want to continue?

Administrative Policies to Import

Name	Action on Import
CTTEST1	Replace an existing administrative policy.
POLICY1	New administrative policy will be created.
UMDUPLEX	An existing administrative policy will be deleted.

You may import administrative policies that will overwrite policies that are already defined and delete administrative policies. This cannot be undone.

OK

Cancel

Help

CFRM Policy Editor supports import/export policies

Below is the UI panel for Export action. In the panel, users can select the system where the data set or Unix file located. Then input the fully qualified name of data set or Unix file where the selected CFRM administrative policies in the policy table will be exported. Before the administrative policies are to be exported, the Confirm dialog will be popped up as following so that users can know what data that the data set or Unix file currently contains will be overwritten and lost if the export action succeeds. They can open the comparison tool by clicking the “View file difference” link.

Export CFRM Administrative Policy

You can export CFRM administrative policies to an existing PS data set, PDS data set member or Unix file. Enter the system location and fully qualified name.

System location:

PLEX1.SY1

* Data set or Unix file name:

LEO.JCL(DEMO)

View Contents

Any data that the data set or Unix file currently contains will be overwritten and lost. This cannot be undone.

OK

Cancel

Help

Confirm Export CFRM Administrative Policy

You are exporting to **LEO.JCL(DEMO)** which contains content that will be overwritten and lost. This cannot be undone. Do you want to continue?

[View file differences](#) by using the file comparison tool before continuing.

OK

Cancel

Help

LEO.JCL(DEMO) Current Content <--> Replacement Content	
LEO.JCL(DEMO) Current Content	Replacement Content
1--//IXCCFRMP JOB	1+DATA TYPE(CFRM) REPORT(NO)
2--//STEP20 EXEC PGM=IXCMIAPU	2+DEFINE POLICY NAME(ALTERPOL) REPLACE
3--//SYSPRINT DD SYSOUT=A	3+ /* Defined: 02/25/2020 12:04:
4--//SYSABEND DD SYSOUT=A	4+ /* Version: 0 */
5--//SYSIN DD *	5+ /* 50 Structures defined in t
6	6+ /* 8 Coupling Facilities defi
7	7+ CF NAME(A) DUMPSPACE(4K) PARTITIO
8	8+ TYPE(00SES1) MFG(XXX) PLANT(XX
9	9+ CF NAME(LF01) DUMPSPACE(4K) PARTI
10	10+ TYPE(00ND01) MFG(XXX) PLANT(XX
11	11+ CF NAME(LF01N) DUMPSPACE(4K) PART
12	12+ TYPE(SIMDEV) MFG(IBM) PLANT(EN
13	13+ CF NAME(LF02) DUMPSPACE(4K) PARTI
14	14+ TYPE(00ND02) MFG(XXX) PLANT(XX
15	15+ CF NAME(LF02N) DUMPSPACE(4K) PART
16	16+ TYPE(SIMDEV) MFG(IBM) PLANT(EN
17	17+ CF NAME(SUPRSES) DUMPSPACE(4K) P
18	18+ TYPE(00SES2) MFG(XXX) PLANT(XX
19	19+ CF NAME(TESTCF) DUMPSPACE(256K) P
20	20+ TYPE(00CF01) MFG(XXX) PLANT(XX

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CFRM Policy Editor supports copy multiple structures

In the CF structure table, users can select multiple CF structures to do bulk copy action by clicking the Copy button.

Coupling Facilities

CF Structures

<div><div>Delete</div><div>Size Structures</div><div>Copy</div><div>Modify</div><div>Export to CSV</div><div>Cancel</div></div> <div>5 items selected</div>							
	Structure Name	Maximum Size	Initial Size	Minimum Size	CF Sizing Definition	Preference List	Exclus
<input checked="" type="checkbox"/>	BIGONE	19M	15M	-	TEST1	TESTCF,TESTCFN,A,LF02,LF02N,LF01,LF01N,SUPERSES	-
<input checked="" type="checkbox"/>	CACHE01	2M	1000K	-	-	LF01,LF01N,LF02,LF02N,A,SUPERSES,TESTCF,TESTCFN	-
<input checked="" type="checkbox"/>	CACHE02	2M	1000K	-	-	LF01,LF01N,LF02,LF02N,A,SUPERSES,TESTCF,TESTCFN	-
<input checked="" type="checkbox"/>	CACHE12	2M	1000K	-	-	TESTCF,TESTCFN,A,LF02,LF02N,LF01,LF01N,SUPERSES	-
<input checked="" type="checkbox"/>	CACHE128	19M	15M	-	TEST1	TESTCF,TESTCFN,A,LF02,LF02N,LF01,LF01N,SUPERSES	-

CFRM Policy Editor supports copy multiple structures

In the Copy Multiple CF Structures panel, users can bulk modify structure names by defining a string replace naming rule for the group or assign names to copies individually. In the bottom, users can select the option to decide whether to update the exclusion list for each new copy. By default, this option is selected; it is recommended when you update a group of related CF structures.

Copy Multiple CF Structures

You have selected 9 CF structures to copy. You can specify the new copy names individually or in batch by defining a naming rules below. A name will be generated for each of the CF structure copies you do not name.

Source name:

Replace with:

Apply

CF Structure Names

Source Name	New Copy Name
CACHE01	CACHE01COPY
CACHE02	CACHE02COPY
CACHE12	CACHE12COPY
CACHE128	CACHE128COPY
CACHE16	CACHE16COPY

Cancel

OK

Copy Multiple CF Structures

CF Structure Names

Source Name	New Copy Name
CACHE01	TEMP01
CACHE02	TEMP02
CACHE12	TEMP12
CACHE128	TEMP128
CACHE16	TEMP16

Select the CF structures to use in the Exclusion List entries for each new CF structure being copied.

☒ Use the new corresponding CF structure copy names in the Exclusion List (recommended when updating a group of related CF structures).

☐ Use the original CF structures names in the Exclusion List.

Cancel

OK

Usage & Invocation

With this solution:

- Sysplex CFRM policy editor allows user to select two policies and compare their differences.
- Sysplex CFRM policy editor allows user to compare what policy data had been changed after he edited one policy.
- Sysplex CFRM policy editor allows user to select one policy and export the policy data into two CSV files –one is for CFs and another is for structures.
- Sysplex CFRM policy editor allows user to select some of CFs and export those CFs data into one CSV file.
- Sysplex CFRM policy editor allows user to select some of structures and export those structures data into one CSV file.

CFRM Policy Editor supports compare two policies

Comparison action is only enabled when exactly two policies are selected. After clicking the button "Compare", comparison tool opens in an Angular based panel. The content of the panel is separated into two parts which correspond to the two policies selected by user.

CFRM Administrative Policies

Actions

Open in CFRM Policy Editor

View Content

Rename...

Copy...

Export...

Export to CSV...

Activate...

Compare...

Delete...

New...

Import...

☒ Select All

☐ Deselect All

Configure Columns...

Hide Filter Row

Clear Sorts

	Last Updated (UTC) Filter	Updated By Filter
	02/07/2020 07:18:36	IBMUER
	03/08/2001 20:11:20	IBMUER
	03/08/2001 20:11:20	IBMUER
	03/08/2001 20:11:20	IBMUER

Refresh

ALTERPOL <--> CTTEST1

ALTERPOL

CTTEST1

1 DATA TYPE(CFRM) REPORT(NO)

2-DEFINE POLICY NAME(ALTERPOL) REPLACE

3 /* Defined: 02/25/2020 12:04:

4 /* Version: 0 */

5- /* 50 Structures defined in t

6 /* 8 Coupling Facilities defi

7 CF NAME(A) DUMPSPACE(4K) PARTITIO

8 TYPE(00SES1) MFG(XXX) PLANT(XX

9 CF NAME(LF01) DUMPSPACE(4K) PARTI

10 TYPE(00ND01) MFG(XXX) PLANT(XX

11 CF NAME(LF01N) DUMPSPACE(4K) PART

12 TYPE(SIMDEV) MFG(IBM) PLANT(EN

13 CF NAME(LF02) DUMPSPACE(4K) PARTI

14 TYPE(00ND02) MFG(XXX) PLANT(XX

15 CF NAME(LF02N) DUMPSPACE(4K) PART

16 TYPE(SIMDEV) MFG(IBM) PLANT(EN

17 CF NAME(SUPERSES) DUMPSPACE(4K) P

18 TYPE(00SES2) MFG(XXX) PLANT(XX

19 CF NAME(TESTCF) DUMPSPACE(256K) P

20 TYPE(00CF01) MFG(XXX) PLANT(XX

1 DATA TYPE(CFRM) REPORT(NO)

2+DEFINE POLICY NAME(CTTEST1) REPLACE

3 /* Defined: 02/25/2020 12:04:

4 /* Version: 0 */

5+ /* 51 Structures defined in t

6 /* 8 Coupling Facilities defi

7 CF NAME(A) DUMPSPACE(4K) PARTITIO

8 TYPE(00SES1) MFG(XXX) PLANT(XX

9 CF NAME(LF01) DUMPSPACE(4K) PARTI

10 TYPE(00ND01) MFG(XXX) PLANT(XX

11 CF NAME(LF01N) DUMPSPACE(4K) PART

12 TYPE(SIMDEV) MFG(IBM) PLANT(EN

13 CF NAME(LF02) DUMPSPACE(4K) PARTI

14 TYPE(00ND02) MFG(XXX) PLANT(XX

15 CF NAME(LF02N) DUMPSPACE(4K) PART

16 TYPE(SIMDEV) MFG(IBM) PLANT(EN

17 CF NAME(SUPERSES) DUMPSPACE(4K) P

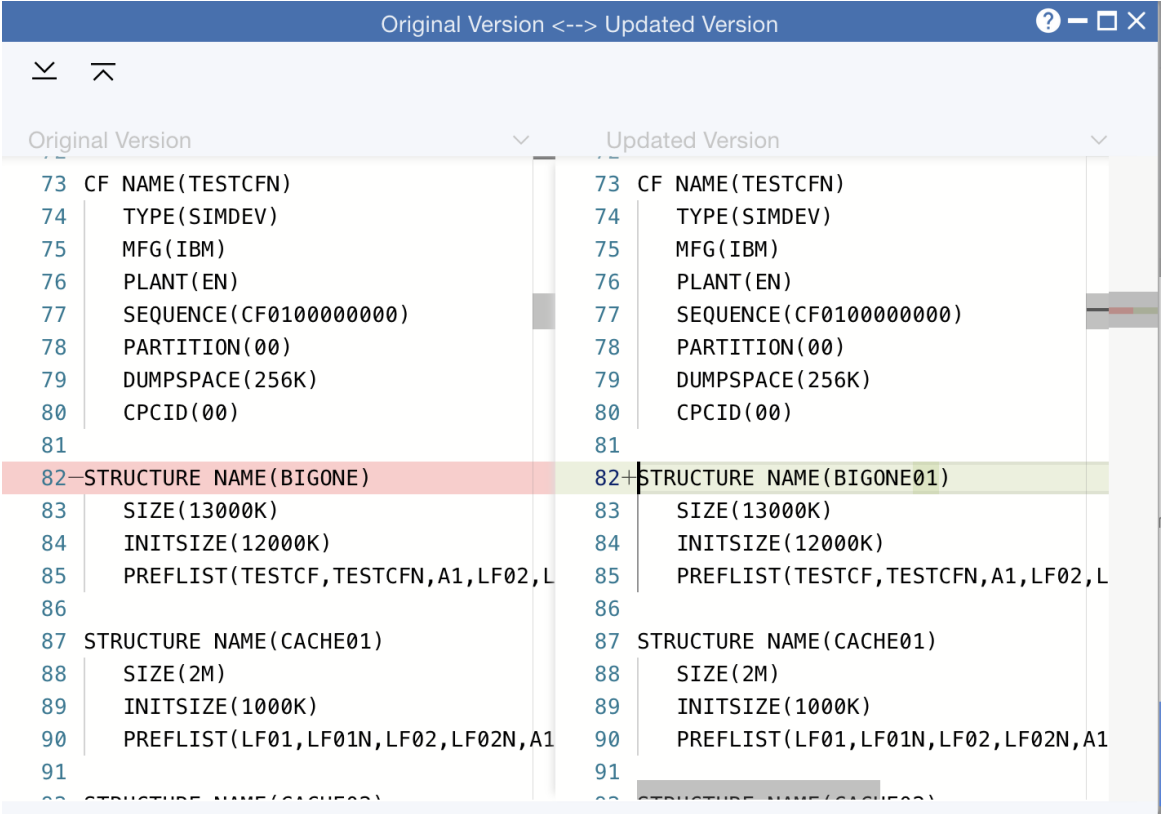
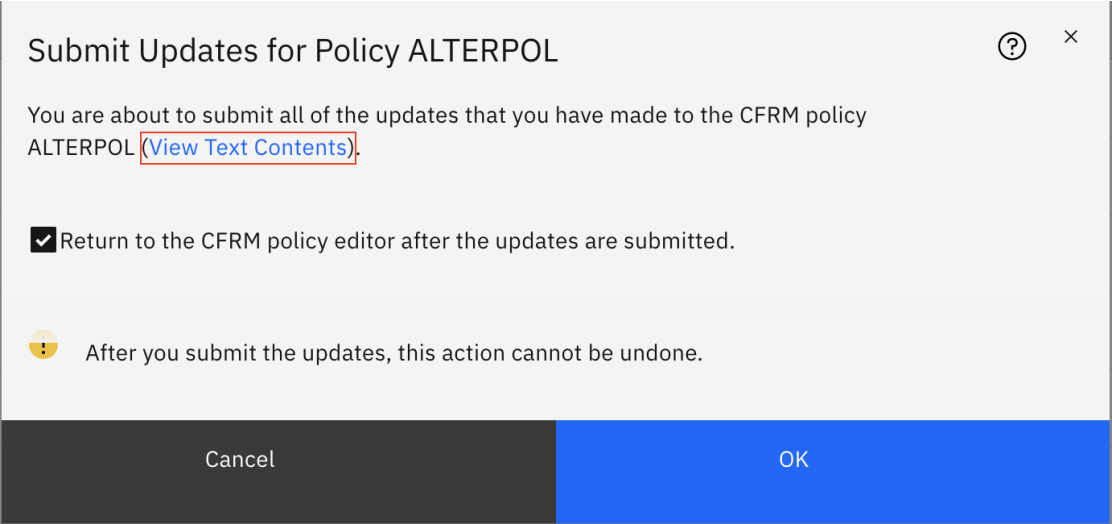
18 TYPE(00SES2) MFG(XXX) PLANT(XX

19 CF NAME(TESTCF) DUMPSPACE(256K) P

20 TYPE(00CF01) MFG(XXX) PLANT(XX

CFRM Policy Editor supports compare two policies

Comparison action is also enabled before submitting updates for policy in policy editor. After updating one policy, users could click the link "View Text Contents" to open comparison panel. The content of the panel is separated into two parts which correspond to the original version and the updated version of policy.



CFRM Policy Editor supports export policy data into CSV format files

Export to CSV action is enabled when only one policy are selected. After clicking Export to CSV ... from policy table. Two CSV format files will be generated and downloaded into your workstation. One file is for CF and another is for structures.

CFRM Administrative Policies

Actions

Open in CFRM Policy Editor

View Content

Rename...

Copy...

Export...

Export to CSV...

Activate...

Compare...

Delete...

New...

Import...

☒ Select All

☐ Deselect All

Configure Columns...

Hide Filter Row

Clear Sorts

Refresh

	Last Updated (UTC) Filter	Updated By Filter
	02/07/2020 07:18:36	IBMUSER
	03/08/2001 20:11:20	IBMUSER
	03/08/2001 20:11:20	IBMUSER
	03/08/2001 20:11:20	IBMUSER

	A	B	C	D	E	F	G	H
1	CF Name	Machine Typ	Manufacture	Plant	Sequence Nu	Partition	Dump Space	Site
2	A01	00SE51	XXX	XX	XXXXXXXXXX	0	4K	-
3	LF01	00ND01	XXX	XX	XXXXXXXXXX	0	4K	-
4	LF01N	SIMDEV	IBM	EN	ND01000000	0	4K	-

	A	B	C	D	E	F	G	H	I	J	K	L	M
1	Structure Na	Maximum Siz	Maximum Siz	Initial Size	Initial Size in	Minimum Siz	Minimum Siz	Preference Li	Exclusion List	Duplexing Op	Allow Autom	Full Threshold	Encrypt
2	BIGONE01	13000K	13000	12000K	12000	-	0	TESTCF,TEST	-	-	-	-	-
3	CACHE01	2M	2048	1000K	1000	-	0	LF01,LF01N,L	-	-	-	-	-
4	CACHE02	2M	2048	1000K	1000	-	0	LF01,LF01N,L	-	-	-	-	-
5	CACHE12	2M	2048	1000K	1000	-	0	TESTCF,TEST	-	-	-	-	-

CFRM Policy Editor supports export policy data into CSV format files

Export to CSV action also can be enabled after selecting part of CFs/Structures in "Coupling Facilities"/"CF Structures" tab of policy editor table. Users could select which CFs and Structures will be exported to CSV format file.

Coupling Facilities

CF Structures

Delete

Size Structures

Copy

Modify

Export to CSV

Cancel

5 items selected

	Structure Name	Maximum Size	Initial Size	Minimum Size	CF Sizing Definition	Preference List	Exclus
<input checked="" type="checkbox"/>	BIGONE	19M	15M	-	TEST1	TESTCF,TESTCFN,A,LF02,LF02N,LF01,LF01N,SUPERSES	-
<input checked="" type="checkbox"/>	CACHE01	2M	1000K	-	-	LF01,LF01N,LF02,LF02N,A,SUPERSES,TESTCF,TESTCFN	-
<input checked="" type="checkbox"/>	CACHE02	2M	1000K	-	-	LF01,LF01N,LF02,LF02N,A,SUPERSES,TESTCF,TESTCFN	-
<input checked="" type="checkbox"/>	CACHE12	2M	1000K	-	-	TESTCF,TESTCFN,A,LF02,LF02N,LF01,LF01N,SUPERSES	-
<input checked="" type="checkbox"/>	CACHE128	19M	15M	-	TEST1	TESTCF,TESTCFN,A,LF02,LF02N,LF01,LF01N,SUPERSES	-

Usage & Invocation

With this solution, Sysplex administrator can use z/OSMF to calculate CF structure sizes and directly apply changes to their CFRM policies so that they can have higher efficiency and less error-prone for CF sizing plan.

- CF Sizing can minimize manual input/re-input of sizing data.
- CF Sizing can persistence of user sizing inputs.
- CF Sizing can map specified sizing inputs to specific structures.
- CF Sizing can size multiple structures in a single action.
- CF Sizing can calculate structure size using CF levels that users already have available.
- CF Sizing can be integrated into the CFRM Policy Editor so size value is tightly coupled to administrative policies.

CFRM Policy Editor CF Sizing integration

One new tab CF Sizing was added to handle CF Sizing Definitions. Users can Add, Copy, Modify, Size, Delete and Remove Associations against one Sizing Definition.

CFRM Policy Editor - ALTERPOL

Editor

CF Sizing

Add +

<input type="checkbox"/>	Product	Name	Function	Groups	CF Level	No. of Structu
<div><div>▼</div><div><input type="checkbox"/></div><div><div>⋮</div><div>Modify and Size</div><div>Copy</div><div>Remove Associations</div><div>Delete</div></div></div>	APPC	TEST1	APPC log structure	GROUP1	23	1

Items per

1 item

1 ▼ of 1 page

CFRM Policy Editor CF Sizing integration – Modify and Size one sizing definition

There are four steps to Modify and Size one sizing definition.

The first step is to input general data. Users need to select Product, Function, CF Level, Group and input Sizing Definition Name.

Modify TEST1 Sizing Definition

1. General Input

*Product

APPC

*Name

TEST1

*CF Level

23

*Function

APPC log structure

Groups

1 x Select

After Product and Function are selected, all the Sizing input fields for this Product/Function will be displayed. The second step is to fill with these input fields and Click Calculate button. The size calculation result will be returned.

2. Sizing Input

All of the following sizing input fields are required. For more information, refer to [Learn more](#).

*Number of protected conversations

5000

Calculate

3. Sizing Results

Initial Size	Maximum Size
14M	17M

Results Modifier (%)

0-+

CFRM Policy Editor CF Sizing integration – Modify and Size one sizing definition

The size calculation result can be increased by Results Modifier.

3. Sizing Results ^

Initial Size	Maximum Size
14M	17M

Results Modifier (%)
0 - +

For example, input 10 into Results Modifier field which means increase 10% to calculated output sizes. The value in parentheses is the increased value.

3. Sizing Results ^

Initial Size	Maximum Size
15M (+1)	19M (+2)

Results Modifier (%)
10 - +

CFRM Policy Editor CF Sizing integration – Modify and Size one sizing definition

The last step is to apply the size value from sizing definition into some structures. Users could click Add button from Associated Structure table.

4. Associated Structures

🔍

🔼

Add +

<input type="checkbox"/>	Structure Name	Maximum Size	Initial Size	Minimum Size	Preference List
<input type="checkbox"/>	BIGONE	17M	14M	-	TESTCF,TESTCFN,A,LF02,LF02N,LF01,LF01N,SUPER

By Add button, All structures in the policy will be listed, and users could select structures they want to size.

Add Associated Structures to TEST1 Upgrade Sizing Definition ?

Select Structures to Add

Cancel

2 items selected

<input type="checkbox"/>	Structure Name	Maximum Size	Initial Size	Minimum Size	CF Sizing Definition	Preference List
<input type="checkbox"/>	CACHE12	2M	1000K	-	-	TESTCF,TESTCFN,A,LF02
<input checked="" type="checkbox"/>	CACHE128	6000K	5000K	-	-	TESTCF,TESTCFN,A,LF02
<input type="checkbox"/>	CACHE16	2M	1500K	-	-	LF01,LF01N,LF02,LF02N
<input checked="" type="checkbox"/>	CACHE256	7000K	6000K	-	-	TESTCF,TESTCFN,A,LF02

CFRM Policy Editor CF Sizing integration – Modify and Size one sizing definition

The size value in the sizing definition will be applied to the selected structures and one dialog will be displayed to show the original size value and new value. If users accept the new value, just click OK then the structure size will be updated.

Size Structures with Sizing Defintion TEST1

Structure Sizings to be Updated

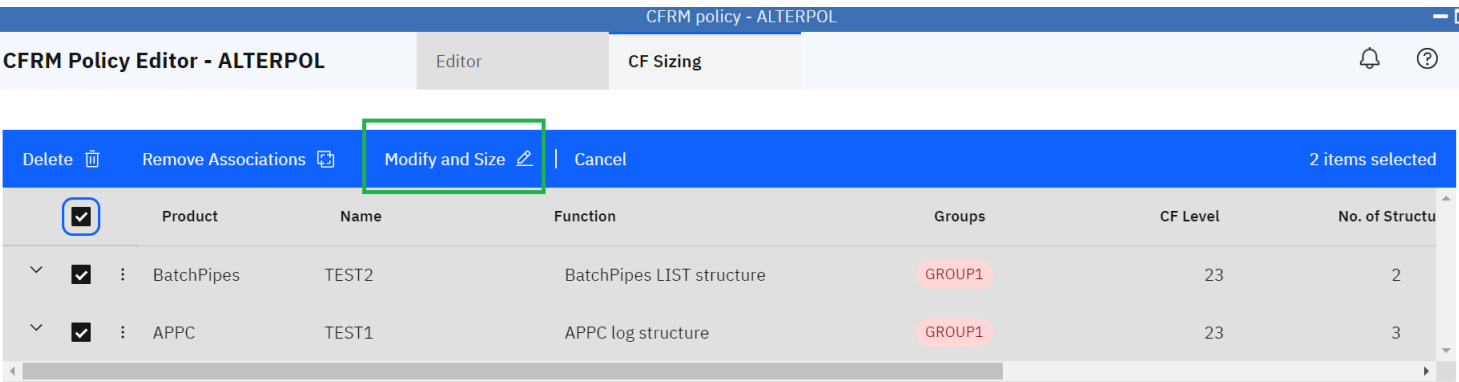
Structure ...	Field	Original Va...	New Value	↕
CACHE256	Maximum Size	7000K	19M	
CACHE256	Initial Size	6000K	15M	
CACHE128	Maximum Size	6000K	19M	
CACHE128	Initial Size	5000K	15M	

Cancel

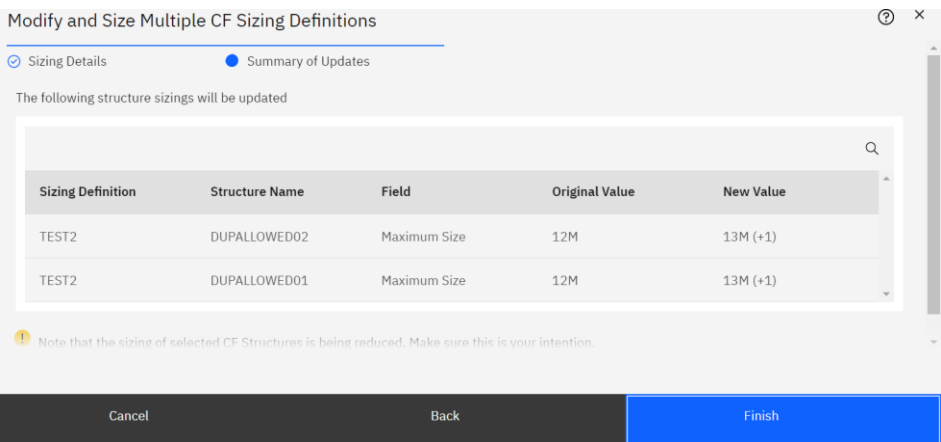
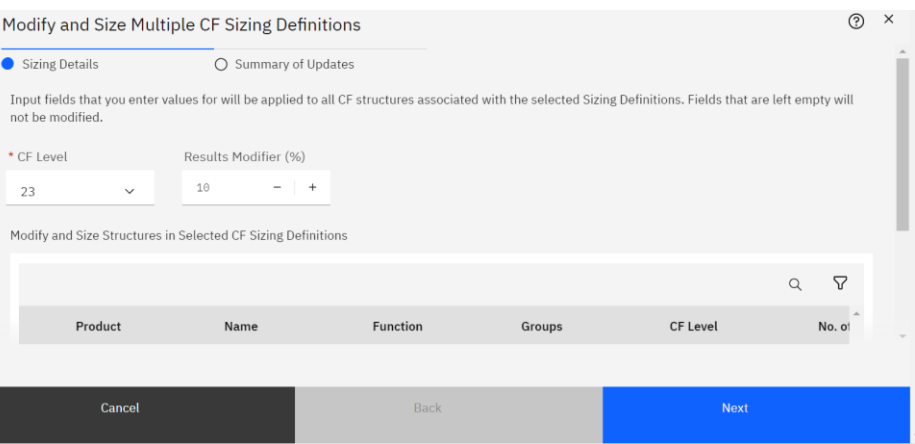
OK

CFRM Policy Editor CF Sizing integration – Modify and Size multiple sizing definitions

Users could select multiple sizing definitions to modify and size structures. Two fields CF Level and Results Modifier are supported.



After CF level or modifier is changed, one new panel is displayed to show how much structure size was updated. If users accept the new value, just click OK then the structure size will be updated.



CFRM Policy Editor CF Sizing integration – CF Structure update

New CF Sizing Definition column/field is added to the existing CF Structures table, to show the association from a CF Structure to a sizing definition. This value can be modified as part of editing or defining a CF Structure.

Coupling Facilities

CF Structures

<input type="checkbox"/>	Structure Name	Maximum Size	Initial Size	Minimum Size	CF Sizing Definition	Preference List	Exclus
<input type="checkbox"/>	BIGONE	19M	15M	-	TEST1	TESTCF,TESTCFN,A,LF02,LF02N,LF01,LF01N,SUPERSES	-
<input type="checkbox"/>	CACHE01	2M	1000K	-	-	LF01,LF01N,LF02,LF02N,A,SUPERSES,TESTCF,TESTCFN	-
<input type="checkbox"/>	CACHE02	2M	1000K	-	-	LF01,LF01N,LF02,LF02N,A,SUPERSES,TESTCF,TESTCFN	-
<input type="checkbox"/>	CACHE12	2M	1000K	-	-	TESTCF,TESTCFN,A,LF02,LF02N,LF01,LF01N,SUPERSES	-
<input type="checkbox"/>	CACHE128	19M	15M	-	TEST1	TESTCF,TESTCFN,A,LF02,LF02N,LF01,LF01N,SUPERSES	-

Modify CF Structure BIGONE

1. Basic

* Structure name

BIGONE

CF sizing definition

TEST1

Allow automatic alter

* Maximum size

19

M

Duplexing options

Encrypt

Initial size

15

M

Duplexing site

Recovery priority

CFRM Policy Editor CF Sizing integration – CF Structure update

By clicking CF sizing definition icon, users could select one sizing definition to this structure. The structure size will be updated according to new selected sizing definition.

Select CF Sizing Definiton?×

Note that changing the CF Sizing Definition will update the sizing related fields, which can be restored if you unselect the last selected CF Sizing Definition and without any manually edit.

Cancel

1 item selected

	Product	Name	Function	Groups	CF Level	No. of Structures	Modified By
<div><div>▼</div><div><input type="radio"/></div></div>	BatchPipes	TEST2	BatchPipes LIST structure	GROUP1	23	2	ibmuser
<div><div>▼</div><div><input checked="" type="radio"/></div></div>	APPC	TEST1	APPC log structure	GROUP1	23	3	ibmuser

Items per page: 100 ▼

1-2 of 2 items

1 ▼

of 1 page

◀

▶

CFRM Policy Editor CF Sizing integration – size multiple structures

Users can size/re-size 2 or thousands of structures in a single action. Every structure being sized must be associated with a CF Sizing Definition

Coupling Facilities

CF Structures

Delete Size Structures Copy Modify Export to CSV Cancel					
	Structure Name	Maximum Size	Initial Size	Minimum Size	CF Sizing Definition
<input checked="" type="checkbox"/>	BIGONE	19M	15M	-	TEST1
<input checked="" type="checkbox"/>	CACHE01	2M	1000K	-	-
<input checked="" type="checkbox"/>	CACHE02	2M	1000K	-	-
<input checked="" type="checkbox"/>	CACHE12	2M	1000K	-	-
<input checked="" type="checkbox"/>	CACHE128	19M	15M	-	TEST1

Size Multiple Structures

☒ Sizing Details

☐ Summary of Updates

Size Selected Structure with Sizing Profiles

Product	Name	Function	Groups	CF Level	No. of S
APPC	TEST1	APPC log structure	GROUP1	23	3

Items per page: 100 1-1 of 1 item 1 of 1 page

Interactions & Dependencies

- Software Dependencies
 - z/OS Sysplex
- Hardware Dependencies
 - None
- Exploiters
 - None

Upgrade & Coexistence Considerations

- To exploit this solution, all systems in the Plex must be at the new z/OS level:
No
- List any toleration/coexistence APARs/PTFs.
N/A
- List anything that doesn't work the same anymore
N/A
- Upgrade involves only those actions required to make the new system behave as the old one did.
N/A
- Coexistence applies to lower level systems which coexist (share resources) with latest z/OS systems.
N/A

Installation & Configuration

- List anything that a client needs to be aware of during installation and include **examples** where appropriate - clients appreciate these:
 - Are any APARs or PTFs needed for enablement? No additional APARs are needed for V3.1.
 - What jobs need to be run? N/A
 - What hardware configuration is required? N/A
 - What PARMLIB statements or members are needed? N/A
 - Are any other system programmer procedures required? N/A
 - Are there any planning considerations? N/A
 - Are any special web deliverables needed? N/A
 - Does installation change any system defaults? N/A

Summary

- The following z/OS V3.1 z/OSMF CFRM policy editor enhancements and CF Sizing integration has been explained:
 - Sysplex CFRM Policy Editor supports Import/Export and Bulk copy.
 - Sysplex CFRM Policy Editor supports Comparison and Export to CSV files.
 - Users can calculate CF structure sizes and directly apply changes to their CFRM policies.

Appendix

- To reference how to configure z/OSMF Sysplex Management service, please refer to z/OSMF Configuration Guide