



**Program Directory for  
IBM InfoSphere Classic Federation Server  
for z/OS**

V11.03.00

Program Number 5655-IM4

for Use with  
z/OS

Document Date: March 2015

GI10-8983-01

**Note**

Before using this information and the product it supports, be sure to read the general information under 7.0, "Notices" on page 29.

---

# Contents

<b>1.0 Introduction</b>	1
1.1 Classic Fed Server for z/OS Description	1
1.2 InfoSphere Classic Federation Server FMIDs	2
<b>2.0 Program Materials</b>	3
2.1 Basic Machine-Readable Material	3
2.2 Optional Machine-Readable Material	7
2.3 Program Publications	7
2.3.1 Optional Program Publications	7
2.4 Program Source Materials	7
2.5 Publications Useful During Installation	7
<b>3.0 Program Support</b>	9
3.1 Program Services	9
3.2 Preventive Service Planning	9
3.3 Statement of Support Procedures	10
<b>4.0 Program and Service Level Information</b>	11
4.1 Program Level Information	11
4.2 Service Level Information	11
<b>5.0 Installation Requirements and Considerations</b>	12
5.1 Driving System Requirements	12
5.1.1 Machine Requirements	12
5.1.2 Programming Requirements	12
5.2 Target System Requirements	13
5.2.1 Machine Requirements	13
5.2.2 Programming Requirements	13
5.2.2.1 Installation Requisites	13
5.2.2.2 Operational Requisites	14
5.2.2.3 Toleration/Coexistence Requisites	16
5.2.2.4 Incompatibility (Negative) Requisites	16
5.2.3 DASD Storage Requirements	16
5.3 FMIDs Deleted	19
5.4 Special Considerations	19
<b>6.0 Installation Instructions</b>	20
6.1 Installing Classic Fed Server for z/OS	20
6.1.1 SMP/E Considerations for Installing Classic Fed Server for z/OS	20
6.1.2 SMP/E Options Subentry Values	20
6.1.3 SMP/E CALLLIBS and SIDE DECK PROCESSING	21
6.1.4 Sample Jobs	21

6.1.5 Allocate SMP/E CSI (Optional)	23
6.1.6 Initialize CSI zones (Optional)	24
6.1.7 Perform SMP/E RECEIVE	24
6.1.8 Allocate SMP/E Target and Distribution Libraries	25
6.1.9 Create DDDEF Entries	25
6.1.10 Perform SMP/E APPLY	25
6.1.11 Perform SMP/E ACCEPT	27
6.1.12 Run REPORT CROSSZONE	28
6.2 Activating Classic Fed Server for z/OS	28
6.2.1 Product Customization	28
<b>7.0 Notices</b>	<b>29</b>
7.1 Trademarks	29
<b>Reader's Comments</b>	<b>30</b>

---

## Figures

1. Program File Content of HABIB30	3
2. Program File Content of JABIB31	4
3. Program File Content of JABIB35	4
4. Program File Content of JABIB36	5
5. Program File Content of JABIB37	5
6. Program File Content of JABIB38	5
7. Program File Content of JABIB39	6
8. Program File Content of JABIB3A	6
9. Basic Material: Unlicensed	7
10. Publications Useful During Installation	8
11. PSP Upgrade and Subset ID	9
12. Component IDs	10
13. Driving System Software Requirements	13
14. Target System Mandatory Installation Requisites	14
15. Target System Conditional Installation Requisites	14
16. Target System Mandatory Operational Requisites	15
17. Target System Conditional Operational Requisites	15
18. Total DASD Space Required by Classic Fed Server for z/OS	16
19. Storage Requirements for Classic Fed Server for z/OS Target Libraries	18
20. Storage Requirements for Classic Fed Server for z/OS Distribution Libraries	18
21. SMP/E Options Subentry Values	20
22. Sample Installation Jobs	21

---

## 1.0 Introduction

This program directory is intended for system programmers who are responsible for program installation and maintenance. It contains information about the material and procedures associated with the installation of IBM InfoSphere Classic Federation Server for z/OS. This publication refers to IBM InfoSphere Classic Federation Server for z/OS as Classic Fed Server for z/OS.

The Program Directory contains the following sections:

- 2.0, “Program Materials” on page 3 identifies the basic program materials and documentation for Classic Fed Server for z/OS.
- 3.0, “Program Support” on page 9 describes the IBM support available for Classic Fed Server for z/OS.
- 4.0, “Program and Service Level Information” on page 11 lists the APARs (program level) and PTFs (service level) that have been incorporated into Classic Fed Server for z/OS.
- 5.0, “Installation Requirements and Considerations” on page 12 identifies the resources and considerations that are required for installing and using Classic Fed Server for z/OS.
- 6.0, “Installation Instructions” on page 20 provides detailed installation instructions for Classic Fed Server for z/OS. It also describes the procedures for activating the functions of Classic Fed Server for z/OS, or refers to appropriate publications.

Before installing Classic Fed Server for z/OS, read the *CBPDO Memo To Users* and the *CBPDO Memo To Users Extension* that are supplied with this program in softcopy format and this program directory; then keep them for future reference. Section 3.2, “Preventive Service Planning” on page 9 tells you how to find any updates to the information and procedures in this program directory.

Classic Fed Server for z/OS is supplied in a Custom-Built Product Delivery Offering (CBPDO, 5751-CS3). The program directory that is provided in softcopy format on the CBPDO tape is identical to the hardcopy format if one was included with your order. All service and HOLDDATA for Classic Fed Server for z/OS are included on the CBPDO tape.

Do not use this program directory if you install Classic Fed Server for z/OS with a SystemPac or ServerPac. When you use one of those offerings, use the jobs and documentation supplied with the offering. The offering will point you to specific sections of this program directory as needed.

---

### 1.1 Classic Fed Server for z/OS Description

IBM InfoSphere Classic Federation Server for z/OS enhances IBM's premier z/OS data integration solution. New capabilities include:

- Binary data support
- IMS V12 support
- Metadata catalog enhancements

---

## 1.2 InfoSphere Classic Federation Server FMIDs

InfoSphere Classic Federation Server consists of the following FMIDs:

- HABIB30
- JABIB31
- JABIB35
- JABIB36
- JABIB37
- JABIB38
- JABIB39
- JABIB3A

The InfoSphere Classic Federation Server for IMS feature consists of the following FMIDs:

- HABIB30
- JABIB31
- JABIB37

The InfoSphere Classic Federation Server for CA-IDMS feature consists of the following FMIDs:

- HABIB30
- JABIB31
- JABIB36

The InfoSphere Classic Federation Server for CA-Datacom feature consists of the following FMIDs:

- HABIB30
- JABIB31
- JABIB39

The InfoSphere Classic Federation Server for Software AG Adabas feature consists of the following FMIDs:

- HABIB30
- JABIB31
- JABIB35

The InfoSphere Classic Federation Server for VSAM feature consists of the following FMIDs:

- HABIB30
- JABIB31
- JABIB38

The InfoSphere Classic Federation Server for DB2 feature consists of the following FMIDs:

- HABIB30
- JABIB31
- JABIB3A

---

## 2.0 Program Materials

An IBM program is identified by a program number. The program number for Classic Fed Server for z/OS is 5655-IM4.

Basic Machine-Readable Materials are materials that are supplied under the base license and are required for the use of the product.

The program announcement material describes the features supported by Classic Fed Server for z/OS. Ask your IBM representative for this information if you have not already received a copy.

---

### 2.1 Basic Machine-Readable Material

The distribution medium for this program is physical media or downloadable files. This program is in SMP/E RELFILE format and is installed by using SMP/E. See 6.0, "Installation Instructions" on page 20 for more information about how to install the program.

You can find information about the physical media for the basic machine-readable materials for Classic Fed Server for z/OS in the *CBPDO Memo To Users Extension*.

The following figures describe the program file content for Classic Fed Server for z/OS:  
You can refer to the *CBPDO Memo To Users Extension* to see where the files reside on the tape.

#### Notes:

1. The data set attributes in this table must be used in the JCL of jobs that read the data sets. However, because the data sets are in IEBCOPY unloaded format, their actual attributes might be different.
2. If any RELFILEs are identified as PDSEs, ensure that SMPTLIB data sets are allocated as PDSEs.

*Figure 1 (Page 1 of 2). Program File Content of HABIB30*

<b>Name</b>	<b>O R G</b>	<b>R E C F M</b>	<b>L R E C L</b>	<b>BLK SIZE</b>
SMPMCS	SEQ	FB	80	6400
IBM.HABIB30.F1	PDS	FB	80	8800
IBM.HABIB30.F2	PDS	FB	80	8800
IBM.HABIB30.F3	PDS	FB	80	8800
IBM.HABIB30.F4	PDSE	U	0	6144
IBM.HABIB30.F5	PDS	FB	80	8800

Figure 1 (Page 2 of 2). Program File Content of HABIB30

<b>Name</b>	<b>O R G</b>	<b>R E C F M</b>	<b>L R E C L</b>	<b>BLK SIZE</b>
IBM.HABIB30.F6	PDS	FB	80	8800
IBM.HABIB30.F7	PDS	FB	80	8800
IBM.HABIB30.F8	PDS	FB	80	8800
IBM.HABIB30.F9	PDS	FB	80	8800

Figure 2. Program File Content of JABIB31

<b>Name</b>	<b>O R G</b>	<b>R E C F M</b>	<b>L R E C L</b>	<b>BLK SIZE</b>
SMPMCS	SEQ	FB	80	6400
IBM.JABIB31.F1	PDS	FB	80	8800
IBM.JABIB31.F2	PDS	FB	80	8800
IBM.JABIB31.F3	PDSE	U	0	6144
IBM.JABIB31.F4	PDS	FB	80	8800
IBM.JABIB31.F5	PDS	FB	80	8800
IBM.JABIB31.F6	PDS	FB	80	8800
IBM.JABIB31.F7	PDS	FB	80	8800

Figure 3. Program File Content of JABIB35

<b>Name</b>	<b>O R G</b>	<b>R E C F M</b>	<b>L R E C L</b>	<b>BLK SIZE</b>
SMPMCS	SEQ	FB	80	6400
IBM.JABIB35.F1	PDS	FB	80	8800
IBM.JABIB35.F2	PDSE	U	0	6144
IBM.JABIB35.F3	PDS	FB	80	8800
IBM.JABIB35.F4	PDS	FB	80	8800
IBM.JABIB35.F5	PDS	FB	80	8800



Figure 4. Program File Content of JABIB36

<b>Name</b>	<b>O R G</b>	<b>R E C F M</b>	<b>L R E C L</b>	<b>BLK SIZE</b>
SMPMCS	SEQ	FB	80	6400
IBM.JABIB36.F1	PDS	FB	80	8800
IBM.JABIB36.F2	PDSE	U	0	6144
IBM.JABIB36.F3	PDS	FB	80	8800
IBM.JABIB36.F4	PDS	FB	80	8800
IBM.JABIB36.F5	PDS	FB	80	8800

Figure 5. Program File Content of JABIB37

<b>Name</b>	<b>O R G</b>	<b>R E C F M</b>	<b>L R E C L</b>	<b>BLK SIZE</b>
SMPMCS	SEQ	FB	80	6400
IBM.JABIB37.F1	PDS	FB	80	8800
IBM.JABIB37.F2	PDS	FB	80	8800
IBM.JABIB37.F3	PDSE	U	0	6144
IBM.JABIB37.F4	PDS	FB	80	8800
IBM.JABIB37.F5	PDS	FB	80	8800
IBM.JABIB37.F6	PDS	FB	80	8800

Figure 6 (Page 1 of 2). Program File Content of JABIB38

<b>Name</b>	<b>O R G</b>	<b>R E C F M</b>	<b>L R E C L</b>	<b>BLK SIZE</b>
SMPMCS	SEQ	FB	80	6400
IBM.JABIB38.F1	PDS	FB	80	8800
IBM.JABIB38.F2	PDS	FB	80	8800
IBM.JABIB38.F3	PDSE	U	0	6144
IBM.JABIB38.F4	PDS	FB	80	8800

Figure 6 (Page 2 of 2). Program File Content of JABIB38

<b>Name</b>	<b>O R G</b>	<b>R E C F M</b>	<b>L R E C L</b>	<b>BLK SIZE</b>
IBM.JABIB38.F5	PDS	FB	80	8800
IBM.JABIB38.F6	PDS	FB	80	8800

Figure 7. Program File Content of JABIB39

<b>Name</b>	<b>O R G</b>	<b>R E C F M</b>	<b>L R E C L</b>	<b>BLK SIZE</b>
SMPMCS	SEQ	FB	80	6400
IBM.JABIB39.F1	PDS	FB	80	8800
IBM.JABIB39.F2	PDS	FB	80	8800
IBM.JABIB39.F3	PDSE	U	0	6144
IBM.JABIB39.F4	PDS	FB	80	8800
IBM.JABIB39.F5	PDS	FB	80	8800
IBM.JABIB39.F6	PDS	FB	80	8800

Figure 8. Program File Content of JABIB3A

<b>Name</b>	<b>O R G</b>	<b>R E C F M</b>	<b>L R E C L</b>	<b>BLK SIZE</b>
SMPMCS	SEQ	FB	80	6400
IBM.JABIB3A.F1	PDS	FB	80	8800
IBM.JABIB3A.F2	PDS	FB	80	8800
IBM.JABIB3A.F3	PDSE	U	0	6144
IBM.JABIB3A.F4	PDS	FB	80	8800
IBM.JABIB3A.F5	PDS	FB	80	8800
IBM.JABIB3A.F6	PDS	FB	80	8800
IBM.JABIB3A.F7	PDS	FB	80	8800

---

## 2.2 Optional Machine-Readable Material

No optional machine-readable materials are provided for Classic Fed Server for z/OS.

---

## 2.3 Program Publications

The following sections identify the basic publications for Classic Fed Server for z/OS.

Figure 9 identifies the basic unlicensed publications for Classic Fed Server for z/OS. Those that are in softcopy format publications can be obtained from the IBM Publications Center website at: <http://www.ibm.com/shop/publications/order/>

<i>Figure 9. Basic Material: Unlicensed</i>		
<b>Publication Title</b>	<b>Form Number</b>	<b>Media Format</b>
IBM InfoSphere Classic Federation Server for z/OS License Information	GC19-4181	<a href="http://www.ibm.com/software/sla/sladb.nsf">http://www.ibm.com/software/sla/sladb.nsf</a>
IBM InfoSphere Classic Federation Server for z/OS Guide and Reference	SC19-4170	<a href="http://www.ibm.com/support/docview.wss?uid=swg27039728">http://www.ibm.com/support/docview.wss?uid=swg27039728</a>

### 2.3.1 Optional Program Publications

No optional publications are provided for Classic Fed Server for z/OS.

---

## 2.4 Program Source Materials

No program source materials or viewable program listings are provided for Classic Fed Server for z/OS.

---

## 2.5 Publications Useful During Installation

You might want to use the publications listed in Figure 10 during the installation of Classic Fed Server for z/OS.

Figure 10. Publications Useful During Installation

<b>Publication Title</b>	<b>Form Number</b>	<b>Media Format</b>
<i>IBM SMP/E for z/OS User's Guide</i>	SA23-2277	<a href="http://www.ibm.com/shop/publications/order/">http://www.ibm.com/shop/publications/order/</a>
<i>IBM SMP/E for z/OS Commands</i>	SA23-2275	<a href="http://www.ibm.com/shop/publications/order/">http://www.ibm.com/shop/publications/order/</a>
<i>IBM SMP/E for z/OS Reference</i>	SA23-2276	<a href="http://www.ibm.com/shop/publications/order/">http://www.ibm.com/shop/publications/order/</a>
<i>IBM SMP/E for z/OS Messages, Codes, and Diagnosis</i>	GA32-0883	<a href="http://www.ibm.com/shop/publications/order/">http://www.ibm.com/shop/publications/order/</a>

---

## 3.0 Program Support

This section describes the IBM support available for Classic Fed Server for z/OS.

---

### 3.1 Program Services

Contact your IBM representative for specific information about available program services.

---

### 3.2 Preventive Service Planning

Before you install Classic Fed Server for z/OS, make sure that you have reviewed the current Preventive Service Planning (PSP) information. Review the PSP Bucket for General Information, Installation Documentation, and the Cross Product Dependencies sections. For the Recommended Service section, instead of reviewing the PSP Bucket, it is recommended you use the IBM.ProductInstall-RequiredService fix category in SMP/E to ensure you have all the recommended service installed. Use the **FIXCAT(IBM.ProductInstall-RequiredService)** operand on the **APPLY CHECK command**. See 6.1.10, “Perform SMP/E APPLY” on page 25 for a sample APPLY command.

If you obtained Classic Fed Server for z/OS as part of a CBPDO, HOLDDATA is included.

If the CBPDO for Classic Fed Server for z/OS is older than two weeks by the time you install the product materials, you can obtain the latest PSP Bucket information by going to the following website:

<http://www14.software.ibm.com/webapp/set2/psearch/search?domain=psp>

You can also use S/390 SoftwareXcel or contact the IBM Support Center to obtain the latest PSP Bucket information.

For program support, access the Software Support Website at <http://www-01.ibm.com/software/support/>.

PSP Buckets are identified by UPGRADEs, which specify product levels; and SUBSETs, which specify the FMIDs for a product level. The UPGRADE and SUBSET values for Classic Fed Server for z/OS are included in Figure 11.

*Figure 11 (Page 1 of 2). PSP Upgrade and Subset ID*

UPGRADE	SUBSET	Description
5655IM4	HABIB30	Classic Fed/Rep/EP Core (Base)
5655IM4	JABIB31	Classic Fed Unique
5655IM4	JABIB35	Classic Access Adabas
5655IM4	JABIB36	Classic Access CA-IDMS

Figure 11 (Page 2 of 2). PSP Upgrade and Subset ID

UPGRADE	SUBSET	Description
5655IM4	JABIB37	Classic Access IMS
5655IM4	JABIB38	Classic Access VSAM
5655IM4	JABIB39	Classic Access Datacom
5655IM4	JABIB3A	Classic Access DB2

For additional Service related information, visit  
<http://www.ibm.com/software/data/db2imstools/support.html>

### 3.3 Statement of Support Procedures

Report any problems which you feel might be an error in the product materials to your IBM Support Center. You may be asked to gather and submit additional diagnostics to assist the IBM Support Center in their analysis.

Figure 12 identifies the component IDs (COMPID) for Classic Fed Server for z/OS.

Figure 12. Component IDs

FMID	COMPID	Component Name	RETAIN Release
HABIB30	5697I8200	Classic Fed/Rep/EP Core (Base)	B30
JABIB31	5697I8200	Classic Fed Unique	B31
JABIB35	5697I8200	Classic Access Adabas	B35
JABIB36	5697I8200	Classic Access CA-IDMS	B36
JABIB37	5697I8200	Classic Access IMS	B37
JABIB38	5697I8200	Classic Access VSAM	B38
JABIB39	5697I8200	Classic Access Datacom	B39
JABIB3A	5697I8200	Classic Access DB2	B3A

---

## 4.0 Program and Service Level Information

This section identifies the program and relevant service levels of Classic Fed Server for z/OS. The program level refers to the APAR fixes that have been incorporated into the program. The service level refers to the PTFs that have been incorporated into the program.

---

### 4.1 Program Level Information

The following APAR fixes against previous releases of Classic Fed Server for z/OS have been incorporated into this release. They are listed by FMID.

- FMID HABIB10

PI23983	PI13300	PI22986
PI09441	PI13515	PI23077
PI10137	PI15367	PI24859
PI10636	PI16844	PI25693
PI07428	PI17053	PI25902
PI07982	PI18811	PI26500
PI07682	PI21271	PI27178
PI08232	PI21561	PI27271
PI08967	PI22088	PI06408
PI11012	PI22731	PI21564
PI12186	PI23010	PI23066

---

### 4.2 Service Level Information

No PTFs against this release of Classic Fed Server for z/OS have been incorporated into the product package.

Frequently check the Classic Fed Server for z/OS PSP Bucket for HIPER and SPECIAL attention PTFs against all FMIDs that you must install. You can also receive the latest HOLDDATA, then add the **FIXCAT(IBM.PRODUCTINSTALL-REQUIRESERVICE)** operand on your APPLY CHECK command. This will allow you to review the recommended and critical service that should be installed with your FMIDs.

---

## 5.0 Installation Requirements and Considerations

The following sections identify the system requirements for installing and activating Classic Fed Server for z/OS. The following terminology is used:

- *Driving system*: the system on which SMP/E is executed to install the program.  
The program might have specific operating system or product level requirements for using processes, such as binder or assembly utilities during the installation.
- *Target system*: the system on which the program is configured and run.  
The program might have specific product level requirements, such as needing access to the library of another product for link-edits. These requirements, either mandatory or optional, might directly affect the element during the installation or in its basic or enhanced operation.

In many cases, you can use a system as both a driving system and a target system. However, you can make a separate IPL-able clone of the running system to use as a target system. The clone must include copies of all system libraries that SMP/E updates, copies of the SMP/E CSI data sets that describe the system libraries, and your PARMLIB and PROCLIB.

Use separate driving and target systems in the following situations:

- When you install a new level of a product that is already installed, the new level of the product will replace the old one. By installing the new level onto a separate target system, you can test the new level and keep the old one in production at the same time.
- When you install a product that shares libraries or load modules with other products, the installation can disrupt the other products. By installing the product onto a separate target system, you can assess these impacts without disrupting your production system.

---

### 5.1 Driving System Requirements

This section describes the environment of the driving system required to install Classic Fed Server for z/OS.

#### 5.1.1 Machine Requirements

The driving system can run in any hardware environment that supports the required software.

#### 5.1.2 Programming Requirements



Figure 13. Driving System Software Requirements

Program Number	Product Name	Minimum VRM	Minimum Service Level will satisfy these APARs	Included in the shipped product?
Any <b>one</b> of the following:				
5694-A01	z/OS	V01.13.00	N/A	No
5650-ZOS	z/OS	V02.01.00	N/A	No

**Note:** SMP/E is a requirement for Installation and is an element of z/OS but can also be ordered as a separate product, 5655-G44, minimally V03.06.00.

**Note:** Installation might require migration to new z/OS releases to be service supported. See [http://www-03.ibm.com/systems/z/os/zos/support/zos\\_eos\\_dates.html](http://www-03.ibm.com/systems/z/os/zos/support/zos_eos_dates.html).

## 5.2 Target System Requirements

This section describes the environment of the target system required to install and use Classic Fed Server for z/OS.

Classic Fed Server for z/OS installs in the z/OS (Z038) SREL.

### 5.2.1 Machine Requirements

The target system can run in any hardware environment that supports the required software.

### 5.2.2 Programming Requirements

**5.2.2.1 Installation Requisites:** Installation requisites identify products that are required and *must* be present on the system or products that are not required but *should* be present on the system for the successful installation of this product.

Mandatory installation requisites identify products that are required on the system for the successful installation of this product.

Figure 14. Target System Mandatory Installation Requisites

Program Number	Product Name	Minimum VRM	Minimum Service Level will satisfy these APARs	Included in the shipped product?
Any <b>one</b> of the following:				
5694-A01	z/OS	01.13.00	N/A	No
5650-ZOS	z/OS	02.01.00 or higher	N/A	No

**Note:** Installation might require migration to new z/OS releases to be service supported. See [http://www-03.ibm.com/systems/z/os/zos/support/zos\\_eos\\_dates.html](http://www-03.ibm.com/systems/z/os/zos/support/zos_eos_dates.html).

Conditional installation requisites identify products that are *not* required for successful installation of this product but can resolve such things as certain warning messages at installation time.

Figure 15. Target System Conditional Installation Requisites

Program Number	Product Name	Minimum VRM	Minimum Svc Lvl to satisfy these APARs	Function for which this is a Req't	Included in the shipped product?
Any <b>one</b> of the following:					
n/a	CA-Datcom	R14	N/A	Required to install JABIB39	No
n/a	CA-Datcom	R15	N/A	Required to install JABIB39	No

**5.2.2.2 Operational Requisites:** Operational requisites are products that are required and *must* be present on the system or products that are not required but *should* be present on the system for this product to operate all or part of its functions.

Mandatory operational requisites identify products that are required for this product to operate its basic functions.

<i>Figure 16. Target System Mandatory Operational Requisites</i>	
<b>Program Number</b>	<b>Product Name and Minimum VRM/Service Level</b>
Any <b>one</b> of the following:	
5694-A01	z/OS V01.13.00
5650-ZOS	z/OS V02.01.00

Conditional operational requisites identify products that are *not* required for this product to operate its basic functions but are required at run time for this product to operate specific functions.

<i>Figure 17 (Page 1 of 2). Target System Conditional Operational Requisites</i>		
<b>Program Number</b>	<b>Product Name and Minimum VRM/Service Level</b>	<b>Function</b>
Any <b>one</b> of the following:		
n/a	Adabas - Software AG Adabas V08.02.04	
n/a	Adabas - Software AG Adabas V08.02.05	
Any <b>one</b> of the following:		
5605-DB2	DB2 for z/OS V10.01.00	
5697-P31	DB2 for z/OS Value Unit Edition V10.01.00	
5615-DB2	DB2 for z/OS V11.01.00	
5697-P43	DB2 for z/OS Value Unit Edition V11.01.00	
Any <b>one</b> of the following:		
5635-A03	IMS V12.01.00	
5655-DSQ	IMS Database Value Unit Edition V12.01.00 (with IMS Value Unit Edition PTF UK93908)	
5635-A04	IMS V13.01.00	
5655-DSM	IMS Database Value Unit Edition V13.01.00	
Any <b>one</b> of the following:		
n/a	CA-IDMS R17	
n/a	CA-IDMS R18	
n/a	CA-IDMS R18.5	

Figure 17 (Page 2 of 2). Target System Conditional Operational Requisites

Program Number	Product Name and Minimum VRM/Service Level	Function
Any <b>one</b> of the following:		
5655-M15	CICS Transaction Server for z/OS V03.02.00	Support for VSAM CICS access
5655-S97	CICS Transaction Server for z/OS V04.01.00 or higher	Support for VSAM CICS access
5655-Y04	CICS Transaction Server for z/OS V05.01.00 or higher	Support for VSAM CICS access
5722-DFJ	CICS Transaction Server for z/OS Value Unit Edition V05.01.00 or higher	Support for VSAM CICS access
Any <b>one</b> of the following:		
n/a	CA-Datcom R14	
n/a	CA-Datcom R15	

**5.2.2.3 Toleration/Coexistence Requisites:** Toleration/coexistence requisites identify products that must be present on sharing systems. These systems can be other systems in a multisystem environment (not necessarily sysplex), a shared DASD environment (such as test and production), or systems that reuse the same DASD environment at different time intervals.

Classic Fed Server for z/OS has no toleration/coexistence requisites.

**5.2.2.4 Incompatibility (Negative) Requisites:** Negative requisites identify products that must *not* be installed on the same system as this product.

Classic Fed Server for z/OS has no negative requisites.

### 5.2.3 DASD Storage Requirements

Classic Fed Server for z/OS libraries can reside on all supported DASD types.

Figure 18 lists the total space that is required for each type of library.

Figure 18. Total DASD Space Required by Classic Fed Server for z/OS

Library Type	Total Space Required in 3390 Trks
Target	1196 tracks
Distribution	1211 tracks

**Notes:**

1. For non-RECFM U data sets, IBM recommends using system-determined block sizes for efficient DASD utilization. For RECFM U data sets, IBM recommends using a block size of 32760, which is most efficient from the performance and DASD utilization perspective.
2. Abbreviations used for data set types are shown as follows.

- U** Unique data set, allocated by this product and used by only this product. This table provides all the required information to determine the correct storage for this data set. You do not need to refer to other tables or program directories for the data set size.
- S** Shared data set, allocated by this product and used by this product and other products. To determine the correct storage needed for this data set, add the storage size given in this table to those given in other tables (perhaps in other program directories). If the data set already exists, it must have enough free space to accommodate the storage size given in this table.
- E** Existing shared data set, used by this product and other products. This data set is *not* allocated by this product. To determine the correct storage for this data set, add the storage size given in this table to those given in other tables (perhaps in other program directories). If the data set already exists, it must have enough free space to accommodate the storage size given in this table.

If you currently have a previous release of this product installed in these libraries, the installation of this release will delete the old release and reclaim the space that was used by the old release and any service that had been installed. You can determine whether these libraries have enough space by deleting the old release with a dummy function, compressing the libraries, and comparing the space requirements with the free space in the libraries.

For more information about the names and sizes of the required data sets, see 6.1.8, "Allocate SMP/E Target and Distribution Libraries" on page 25.

3. All target and distribution libraries listed have the following attributes:
  - The default name of the data set can be changed.
  - The default block size of the data set can be changed.
  - The data set can be merged with another data set that has equivalent characteristics.
  - The data set can be either a PDS or a PDSE, except for SCACLOAD and ACACLOAD, which have to be PDSEs.
4. All target libraries listed have the following attributes:
  - These data sets can be SMS-managed, but they are not required to be SMS-managed.
  - These data sets are not required to reside on the IPL volume.
  - The values in the "Member Type" column are not necessarily the actual SMP/E element types that are identified in the SMPMCS.
5. All target libraries that are listed and contain load modules have the following attributes:
  - These data sets can be in the LPA, but they are not required to be in the LPA.
  - These data sets can be in the LNKLIST.
  - It is required for SCACLOAD to be APF-authorized.

- Classic Fed Server for z/OS requires that the SMPLTS data set must be a PDSE. If your existing SMPLTS is a PDS, you will need to allocate a new PDSE and copy your existing SMPLTS into it and then change the SMPLTS DDDEF entry to indicate the new PDSE data set.

The following figures describe the target and distribution libraries required to install Classic Fed Server for z/OS. The storage requirements of Classic Fed Server for z/OS must be added to the storage required by other programs that have data in the same library.

**Note:** Use the data in these tables to determine which libraries can be merged into common data sets. In addition, since some ALIAS names may not be unique, ensure that no naming conflicts will be introduced before merging libraries.

Figure 19. Storage Requirements for Classic Fed Server for z/OS Target Libraries

Library DDNAME	Member Type	Target Volume	T Y P E	O R G	R E C O R D M	L R E C O R D L	No. of 3390 Trks	No. of DIR Blks
SCACBASE	Sample	any	S	PDS	FB	80	10	6
SCACCONF	Sample	any	S	PDS	FB	80	6	6
SCACLOAD	LMOD	any	S	PDSE	U	0	900	n/a
SCACMAC	Macro	any	S	PDS	FB	80	10	6
SCACMSGS	MSGS	any	S	PDS	FB	80	60	6
SCACSAMP	Sample	any	S	PDS	FB	80	105	20
SCACSIDE	LMOD	any	S	PDS	FB	80	45	10
SCACSKEL	SKEL	any	S	PDS	FB	80	60	10

Figure 20 (Page 1 of 2). Storage Requirements for Classic Fed Server for z/OS Distribution Libraries

Library DDNAME	T Y P E	O R G	R E C O R D M	L R E C O R D L	No. of 3390 Trks	No. of DIR Blks
ACACBASE	S	PDS	FB	80	10	6
ACACCONF	S	PDS	FB	80	6	6
ACACHFS	S	PDS	FB	80	15	5
ACACLOAD	S	PDSE	U	0	900	n/a
ACACMAC	S	PDS	FB	80	10	6
ACACMSGS	S	PDS	FB	80	60	6
ACACSAMP	S	PDS	FB	80	105	20

Figure 20 (Page 2 of 2). Storage Requirements for Classic Fed Server for z/OS Distribution Libraries

Library DDNAME	T Y P E	O R G	R E C F M	L R E C L	No. of 3390 Trks	No. of DIR Blks
ACACSIDE	S	PDS	FB	80	45	10
ACACSKEL	S	PDS	FB	80	60	10

### 5.3 FMIDs Deleted

Installing Classic Fed Server for z/OS might result in the deletion of other FMIDs. To see which FMIDs will be deleted, examine the ++VER statement in the SMPMCS of the product.

If you do not want to delete these FMIDs at this time, install Classic Fed Server for z/OS into separate SMP/E target and distribution zones.

**Note:** These FMIDs are not automatically deleted from the Global Zone. If you want to delete these FMIDs from the Global Zone, use the SMP/E REJECT NOFMID DELETFMID command. See the SMP/E Commands book for details.

### 5.4 Special Considerations

#### PDSE Considerations:

Classic Fed Server for z/OS uses the "partitioned data set extended" or PDSE format for the SCACLOAD target library. There are some operational differences between PDS and PDSE data sets. The PDS format may be shared by more than one z/OS system and no special precautions are necessary. However the PDSE format may only be shared by z/OS systems which are part of a sysplex or which are connected using Global Resource Serialization (are in a GRS complex). If z/OS systems share use of a PDSE data set outside of a sysplex or GRS environment, you may experience severe problems when the data set is updated. This is due to the fact that PDSE directory information is cached in storage, and when the data set is updated from one system the other system(s) have no knowledge of the update, and their cached directory information will be incorrect.

You must take care not to share the SCACLOAD data set between z/OS systems unless they are in a sysplex or are connected in a GRS complex. If you need to share the content of the SCACLOAD data set, a separate copy must be created for each z/OS system.

---

## 6.0 Installation Instructions

This chapter describes the installation method and the step-by-step procedures to install and to activate the functions of Classic Fed Server for z/OS.

Please note the following points:

- If you want to install Classic Fed Server for z/OS into its own SMP/E environment, consult the SMP/E manuals for instructions on creating and initializing the SMPCSI and the SMP/E control data sets.
- You can use the sample jobs that are provided to perform part or all of the installation tasks. The SMP/E jobs assume that all DDDEF entries that are required for SMP/E execution have been defined in appropriate zones.
- You can use the SMP/E dialogs instead of the sample jobs to accomplish the SMP/E installation steps.

---

### 6.1 Installing Classic Fed Server for z/OS

#### 6.1.1 SMP/E Considerations for Installing Classic Fed Server for z/OS

Use the SMP/E RECEIVE, APPLY, and ACCEPT commands to install this release of Classic Fed Server for z/OS.

#### 6.1.2 SMP/E Options Subentry Values

The recommended values for certain SMP/E CSI subentries are shown in Figure 21. Using values lower than the recommended values can result in failures in the installation. DSSPACE is a subentry in the GLOBAL options entry. PEMAX is a subentry of the GENERAL entry in the GLOBAL options entry. See the SMP/E manuals for instructions on updating the global zone.

*Figure 21. SMP/E Options Subentry Values*

Subentry	Value	Comment
DSSPACE	(900,900,900)	3390 DASD tracks
PEMAX	SMP/E Default	IBM recommends using the SMP/E default for PEMAX.



### 6.1.3 SMP/E CALLLIBS and SIDE DECK PROCESSING

Classic Fed Server for z/OS uses the CALLLIBS function provided in SMP/E to resolve external references during installation. When Classic Fed Server for z/OS is installed, ensure that DDDEFs exist for the following libraries:

- CSSLIB
- LINKLIB
- SCEECPP
- SCEELKED
- SCEELKEX
- SEZACMTX
- SEZARNT1

If FMID JABIB39 is being installed, the following additional CALLLIBS are required for the CA Common Services and CA DATACOM load libraries.

- CAILIB
- CABDLOAD

Classic Fed Server for z/OS also uses Side Deck processing during link-edits. When Classic Fed Server for z/OS is installed, ensure that the DDDEFs exist for the following libraries:

- CSSLIB
- LINKLIB
- SCEECPP
- SCEELKED
- SCEELKEX
- SEZACMTX
- SEZARNT1

**Note:** The preceding DDDEFs are used only to resolve the link-edit for Classic Fed Server for z/OS using CALLLIBS and SIDE DECK processing. These data sets are not updated during the installation of Classic Fed Server for z/OS.

### 6.1.4 Sample Jobs

The following sample installation jobs are provided as part of the product to help you install Classic Fed Server for z/OS:

*Figure 22 (Page 1 of 2). Sample Installation Jobs*

Job Name	Job Type	Description	RELFILE
CACALA	SMP/E	Sample job to allocate and initialize a new SMP/E CSI data set <b>(Optional)</b>	IBM.HABIB30.F2
CACALB	SMP/E	Sample job to allocate SMP/E data sets <b>(Optional)</b>	IBM.HABIB30.F2

Figure 22 (Page 2 of 2). Sample Installation Jobs

Job Name	Job Type	Description	RELFILE
CACRECV0	RECEIVE	Sample RECEIVE job for HABIB30	IBM.HABIB30.F2
CACRECV1	RECEIVE	Sample RECEIVE job for JABIB31	IBM.HABIB30.F2
CACRECV5	RECEIVE	Sample RECEIVE job for JABIB35	IBM.HABIB30.F2
CACRECV6	RECEIVE	Sample RECEIVE job for JABIB36	IBM.HABIB30.F2
CACRECV7	RECEIVE	Sample RECEIVE job for JABIB37	IBM.HABIB30.F2
CACRECV8	RECEIVE	Sample RECEIVE job for JABIB38	IBM.HABIB30.F2
CACRECV9	RECEIVE	Sample RECEIVE job for JABIB39	IBM.HABIB30.F2
CACRECVA	RECEIVE	Sample RECEIVE job for JABIB3A	IBM.HABIB30.F2
CACALLOC	ALLOCATE	Sample job to allocate target and distribution libraries	IBM.HABIB30.F2
CACDDDEF	DDDEF	Sample job to define SMP/E DDDEFs	IBM.HABIB30.F2
CACAPPLY	APPLY	Sample APPLY job	IBM.HABIB30.F2
CACACCEP	ACCEPT	Sample ACCEPT job	IBM.HABIB30.F2

You can access the sample installation jobs by performing an SMP/E RECEIVE (refer to 6.1.7, “Perform SMP/E RECEIVE” on page 24) then copy the jobs from the RELFILES to a work data set for editing and submission. See Figure 22 on page 21 to find the appropriate relfile data set.

You can also copy the sample installation jobs from the tape or product files by submitting the following job. Depending on your distribution medium, use either the //TAPEIN or the //FILEIN DD statement and comment out or delete the other statement. Before you submit the job, add a job card and change the lowercase parameters to uppercase values to meet the requirements of your site.

```
//STEP1 EXEC PGM=IEBCOPY
//SYSPRINT DD SYSOUT=*
//*****
//* Make the //TAPEIN DD statement below active if you install*
//* from a CBPDO tape by uncommenting the DD statement below. *
//*****
//*TAPEIN DD DSN=IBM.HABIB30.F2,UNIT=tunit,
//* VOL=SER=volser,LABEL=(x,SL),
//* DISP=(OLD,KEEP)
//*****
//* Make the //TAPEIN DD statement below active if you install*
//* from a product tape received outside the CBPDO process *
//* (using the optional SMP/E RECEIVE job) by uncommenting *
//* the DD statement below. *
//*****
//*TAPEIN DD DSN=IBM.HABIB30.F2,UNIT=tunit,
//* VOL=SER=ABIB30,LABEL=(3,SL),
//* DISP=(OLD,KEEP)
```

```

//*****
//* Make the //FILEIN DD statement below active for          *
//* downloaded DASD files.                                  *
//*****
//*FILEIN  DD DSN=IBM.HABIB30.F2,UNIT=SYSALLDA,DISP=SHR,
//*        VOL=SER=filevol
//OUT      DD DSNAME=jcl-library-name,
//          DISP=(NEW,CATLG,DELETE),
//          VOL=SER=dasdvol,UNIT=SYSALLDA,
//          SPACE=(TRK,(20,10,5))
//SYSUT3   DD UNIT=SYSALLDA,SPACE=(CYL,(1,1))
//SYSIN    DD *
           COPY INDD=xxxxIN,OUTDD=OUT
/*

```

See the following information to update the statements in the previous sample:

**TAPEIN:**

- tunit** is the unit value that matches the product package.
  - volser** is the volume serial that matches the product package.
  - x** is the tape file number that indicates the location of the data set name on the tape.
- See the documentation that is provided by CBPDO for the location of IBM.HABIB30.F2 on the tape.

**FILEIN:**

**filevol** is the volume serial of the DASD device where the downloaded files reside.

**OUT:**

- jcl-library-name** is the name of the output data set where the sample jobs are stored.
- dasdvol** is the volume serial of the DASD device where the output data set resides.

**SYSIN:**

**xxxxIN** is either TAPEIN or FILEIN depending on your input DD statement.

## 6.1.5 Allocate SMP/E CSI (Optional)

If you are using an existing CSI, do not execute this job.

If you are allocating a new SMP/E data set for this install, edit and submit sample job CACALA to allocate the SMP/E data set for Classic Fed Server for z/OS. Consult the instructions in the sample job for more information.

**Expected Return Codes and Messages:** You will receive a return code of 0 if this job runs correctly.

## 6.1.6 Initialize CSI zones (Optional)

If you are using an existing CSI, do not execute this job.

Edit and submit sample job CACALB to initialize SMP/E zones for Classic Fed Server for z/OS. Consult the instructions in the sample job for more information.

**Expected Return Codes and Messages:** You will receive a return code of 0 if this job runs correctly.

## 6.1.7 Perform SMP/E RECEIVE

If you have obtained Classic Fed Server for z/OS as part of a CBPDO, use the RCVPDO job in the CBPDO RIMLIB data set to receive the Classic Fed Server for z/OS FMIDs, service, and HOLDDATA that are included on the CBPDO package. For more information, see the documentation that is included in the CBPDO.

If you are installing the InfoSphere Classic Federation Server for IMS, you can choose to edit and submit sample jobs CACRECV0, CACRECV1, and CACRECV7 to perform the SMP/E RECEIVE. Consult the instructions in the sample jobs for more information.

**Expected Return Codes and Messages:** You will receive a return code of 0 if these jobs run correctly.

If you are installing the InfoSphere Classic Federation Server for CA-IDMS, you can choose to edit and submit sample jobs CACRECV0, CACRECV1, and CACRECV6 to perform the SMP/E RECEIVE. Consult the instructions in the sample jobs for more information.

**Expected Return Codes and Messages:** You will receive a return code of 0 if these jobs run correctly.

If you are installing the InfoSphere Classic Federation Server for CA-Datcom, you can choose to edit and submit sample jobs CACRECV0, CACRECV1, and CACRECV9 to perform the SMP/E RECEIVE. Consult the instructions in the sample jobs for more information.

**Expected Return Codes and Messages:** You will receive a return code of 0 if these jobs runs correctly.

If you are installing the InfoSphere Classic Federation Server for Software AG Adabas, you can choose to edit and submit sample jobs CACRECV0, CACRECV1, and CACRECV5 to perform the SMP/E RECEIVE. Consult the instructions in the sample jobs for more information.

**Expected Return Codes and Messages:** You will receive a return code of 0 if these jobs runs correctly.

If you are installing the InfoSphere Classic Federation Server for VSAM, you can choose to edit and submit sample jobs CACRECV0, CACRECV1, and CACRECV8 to perform the SMP/E RECEIVE. Consult the instructions in the sample jobs for more information.

**Expected Return Codes and Messages:** You will receive a return code of 0 if these jobs runs correctly.

If you are installing the InfoSphere Classic Federation Server for DB2 for z/OS, you can choose to edit and submit sample jobs CACRECV0, CACRECV1, and CACRECVA to perform the SMP/E RECEIVE. Consult the instructions in the sample jobs for more information.

**Expected Return Codes and Messages:** You will receive a return code of 0 if these jobs runs correctly.

### 6.1.8 Allocate SMP/E Target and Distribution Libraries

Edit and submit sample job CACALLOC to allocate the SMP/E target and distribution libraries for Classic Fed Server for z/OS. Consult the instructions in the sample job for more information.

**Note:** If you have previously installed the base FMID, HABIB30, there is no need to run this sample job.

**Expected Return Codes and Messages:** You will receive a return code of 0 if this job runs correctly.

### 6.1.9 Create DDDEF Entries

Edit and submit sample job CACDDDEF to create DDDEF entries for the SMP/E target and distribution libraries for Classic Fed Server for z/OS. Consult the instructions in the sample job for more information.

**Note:** If you have previously installed the base FMID, HABIB30, there is no need to run this sample job.

**Note:** If you are installing FMID JABIB39, ensure the following CALLLIB DDDEF entries are defined:

- CA LIB, which contains the CA Common Services load module VPE9864.
- CABDLOAD, which contains the CA Datacom load module DDDDBLM.

**Expected Return Codes and Messages:** You will receive a return code of 0 if this job runs correctly.

### 6.1.10 Perform SMP/E APPLY

1. Ensure that you have the latest HOLDDATA; then edit and submit sample job CACAPPLY to perform an SMP/E APPLY CHECK for Classic Fed Server for z/OS. Consult the instructions in the sample job for more information.

The latest HOLDDATA is available through several different portals, including <http://service.software.ibm.com/holddata/390holddata.html>. The latest HOLDDATA may identify HIPER and FIXCAT APARs for the FMIDs you will be installing. An APPLY CHECK will help you determine if any HIPER or FIXCAT APARs are applicable to the FMIDs you are installing. If there are any applicable HIPER or FIXCAT APARs, the APPLY CHECK will also identify fixing PTFs that will resolve the APARs, if a fixing PTF is available.

You should install the FMIDs regardless of the status of unresolved HIPER or FIXCAT APARs. However, do not deploy the software until the unresolved HIPER and FIXCAT APARs have been analyzed to determine their applicability. That is, before deploying the software either ensure fixing PTFs are applied to resolve all HIPER or FIXCAT APARs, or ensure the problems reported by all HIPER or FIXCAT APARs are not applicable to your environment.

To receive the full benefit of the SMP/E Causer SYSMOD Summary Report, do *not* bypass the PRE, ID, REQ, and IFREQ on the APPLY CHECK. The SMP/E root cause analysis identifies the cause only of *errors* and not of *warnings* (SMP/E treats bypassed PRE, ID, REQ, and IFREQ conditions as warnings, instead of errors).

Here are sample APPLY commands:

- a. To ensure that all recommended and critical service is installed with the FMIDs, receive the latest HOLDDATA and use the APPLY CHECK command as follows

```
APPLY S(fmid,fmid,...) CHECK
FORFMID(fmid,fmid,...)
SOURCEID(RSU*)
FIXCAT(IBM.ProductInstall-RequiredService)
GROUPEXTEND .
```

Some HIPER APARs might not have fixing PTFs available yet. You should analyze the symptom flags for the unresolved HIPER APARs to determine if the reported problem is applicable to your environment and if you should bypass the specific ERROR HOLDS in order to continue the installation of the FMIDs.

This method requires more initial research, but can provide resolution for all HIPERs that have fixing PTFs available and are not in a PE chain. Unresolved PEs or HIPERs might still exist and require the use of BYPASS.

- b. To install the FMIDs without regard for unresolved HIPER APARs, you can add the BYPASS(HOLDCLASS(HIPER)) operand to the APPLY CHECK command. This will allow you to install FMIDs even though one or more unresolved HIPER APARs exist. After the FMIDs are installed, use the SMP/E REPORT ERRSYSMODS command to identify unresolved HIPER APARs and any fixing PTFs.

```
APPLY S(fmid,fmid,...) CHECK
FORFMID(fmid,fmid,...)
SOURCEID(RSU*)
FIXCAT(IBM.ProductInstall-RequiredService)
GROUPEXTEND
BYPASS(HOLDCLASS(HIPER),HOLDFIXCAT) .
..any other parameters documented in the program directory
```

This method is quicker, but requires subsequent review of the Exception SYSMOD report produced by the REPORT ERRSYSMODS command to investigate any unresolved HIPERs. If you have received the latest HOLDDATA, you can also choose to use the REPORT MISSINGFIX command and specify Fix Category IBM.ProductInstall-RequiredService to investigate missing recommended service.

If you bypass HOLDS during the installation of the FMIDs because fixing PTFs are not yet available, you can be notified when the fixing PTFs are available by using the APAR Status Tracking (AST) function of ServiceLink or the APAR Tracking function of ResourceLink.

2. After you take actions that are indicated by the APPLY CHECK, remove the CHECK operand and run the job again to perform the APPLY.

**Note:** The GROUPEXTEND operand indicates that SMP/E applies all requisite SYSMODs. The requisite SYSMODS might be applicable to other functions.

**Note:** The APPLY CHECK and APPLY for JABIB39 will fail with a return code of 12 if either the CAILIB or CABDLOAD DDDEF after not defined to the target zone.

**Note:** The APPLY for JABIB39 will fail with a return code of 12 if the CA Common Services load module VPE9864 is not found in the data set specified by the CAILIB DDDEF, or the CA Datacom load module DDDDBLM is not found in the data set specified by the CABDLOAD DDDEF.

**Expected Return Codes and Messages from APPLY CHECK:** You will receive a return code of 0 if this job runs correctly.

**Expected Return Codes and Messages from APPLY:** You will receive a return code of 0 if this job runs correctly.

### 6.1.11 Perform SMP/E ACCEPT

Edit and submit sample job CACACCEP to perform an SMP/E ACCEPT CHECK for Classic Fed Server for z/OS. Consult the instructions in the sample job for more information.

To receive the full benefit of the SMP/E Causer SYSMOD Summary Report, do *not* bypass the PRE, ID, REQ, and IFREQ on the ACCEPT CHECK. The SMP/E root cause analysis identifies the cause of *errors* but not *warnings* (SMP/E treats bypassed PRE, ID, REQ, and IFREQ conditions as warnings rather than errors).

Before you use SMP/E to load new distribution libraries, it is recommended that you set the ACCJCLIN indicator in the distribution zone. In this way, you can save the entries that are produced from JCLIN in the distribution zone whenever a SYSMOD that contains inline JCLIN is accepted. For more information about the ACCJCLIN indicator, see the description of inline JCLIN in the SMP/E Commands book for details.

After you take actions that are indicated by the ACCEPT CHECK, remove the CHECK operand and run the job again to perform the ACCEPT.

**Note:** The GROUPEXTEND operand indicates that SMP/E accepts all requisite SYSMODs. The requisite SYSMODS might be applicable to other functions.

**Expected Return Codes and Messages from ACCEPT CHECK:** You will receive a return code of 0 if this job runs correctly.

If PTFs that contain replacement modules are accepted, SMP/E ACCEPT processing will link-edit or bind the modules into the distribution libraries. During this processing, the Linkage Editor or Binder might issue messages that indicate unresolved external references, which will result in a return code of 4 during the ACCEPT phase. You can ignore these messages, because the distribution libraries are not executable and the unresolved external references do not affect the executable system libraries.

**Expected Return Codes and Messages from ACCEPT:** You will receive a return code of 0 if this job runs correctly.

## 6.1.12 Run REPORT CROSSZONE

The SMP/E REPORT CROSSZONE command identifies requisites for products that are installed in separate zones. This command also creates APPLY and ACCEPT commands in the SMPPUNCH data set. You can use the APPLY and ACCEPT commands to install those cross-zone requisites that the SMP/E REPORT CROSSZONE command identifies.

After you install Classic Fed Server for z/OS, it is recommended that you run REPORT CROSSZONE against the new or updated target and distribution zones. REPORT CROSSZONE requires a global zone with ZONEINDEX entries that describe all the target and distribution libraries to be reported on.

For more information about REPORT CROSSZONE, see the SMP/E manuals.

---

## 6.2 Activating Classic Fed Server for z/OS

### 6.2.1 Product Customization

The publication *IBM InfoSphere Classic Federation Server for z/OS Guide and Reference* (SC19-4170) contains the step-by-step procedures to activate the functions of InfoSphere Classic Federation Server.

The documentation is located at  
<http://www.ibm.com/support/docview.wss?uid=swg27039728>



---

## 7.0 Notices

This information was developed for products and services offered in the U.S.A. IBM may not offer the products, services, or features discussed in this document in other countries. Consult your local IBM representative for information on the products and services currently available in your area. Any reference to an IBM product, program, or service is not intended to state or imply that only that IBM product, program, or service may be used. Any functionally equivalent product, program, or service that does not infringe any IBM intellectual property right may be used instead. However, it is the user's responsibility to evaluate and verify the operation of any non-IBM product, program, or service.

APAR numbers are provided in this document to assist in locating PTFs that may be required. Ongoing problem reporting may result in additional APARs being created. Therefore, the APAR lists in this document may not be complete. To obtain current service recommendations and to identify current product service requirements, always contact the IBM Customer Support Center or use S/390 SoftwareXcel to obtain the current "PSP Bucket".

IBM may have patents or pending patent applications covering subject matter in this document. The furnishing of this document does not give you any license to these patents. You can send license inquiries, in writing, to the

IBM Director of Licensing  
IBM Corporation  
North Castle Drive  
Armonk, New York 10504-1785  
USA

For license inquiries regarding double-byte (DBCS) information, contact the IBM Intellectual Property Department in your country or send inquiries, in writing, to:

Intellectual Property Licensing  
Legal and Intellectual Property Law  
IBM Japan, Ltd.  
19-21, Nihonbashi-Hakozakicho, Chuo-ku  
Tokyo 103-8510, Japan

---

## 7.1 Trademarks

IBM, the IBM logo, and [ibm.com](http://ibm.com) are trademarks or registered trademarks of International Business Machines Corp., registered in many jurisdictions worldwide. Other product and service names might be trademarks of IBM or other companies. A current list of IBM trademarks is available on the Web at "Copyright and trademark information" at [www.ibm.com/legal/copytrade.shtml](http://www.ibm.com/legal/copytrade.shtml).

---

## Reader's Comments

### Program Directory for IBM InfoSphere Classic Federation Server for z/OS, March 2015

We appreciate your input on this publication. Feel free to comment on the clarity, accuracy, and completeness of the information or give us any other feedback that you might have.

Use one of the following methods to send us your comments:

1. Send an email to [comments@us.ibm.com](mailto:comments@us.ibm.com)
2. Use the form on the Web at:

[www.ibm.com/software/data/rcf](http://www.ibm.com/software/data/rcf)

When you send information to IBM, you grant IBM a nonexclusive right to use or distribute the information in any way it believes appropriate without incurring any obligation to you.

IBM or any other organizations will only use the personal information that you supply to contact you about the issues that you submit.

Thank you for your participation.





Printed in USA

G110-8983-01

