Program Directory for

Screen Definition Facility II MVS

Release 04.00

Program Number 5665-366

FMID HEF1140

for Use with
MVS/ESA
MVS/XA

Document Date: May 1996

GI11-1628-00

Note!

Before using this information and the product it supports, be sure to read the general information under “Notices” on page vi.

This program directory, dated May 1996, applies to Screen Definition Facility II MVS (SDF II MVS) Release 04.00 , Program Number 5665-366 for the following:

FMIDs	Feature Numbers	System Name
HEF1140	6230, 6231, 6275	MVS/ESA
JEF1141	6248, 6249, 6276	MVS/XA
JEF1142	6233, 6234, 6270	
JEF1143	6236, 6237, 6274	
JEF1144	6239, 6240, 6272	
JEF1145	6242, 6243, 6273	
JEF1146	6230, 6231, 6275	

A form for reader's comments appears at the back of this publication. 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.

Contents

Figures

Notices

References in this document to IBM products, programs, or services do not imply that IBM intends to make these available in all countries in which IBM operates. Any reference to an IBM product, program, or service is not intended to state or imply that only IBM's product, program, or service may be used. Any functionally equivalent product, program, or service that does not infringe on any of IBM's intellectual property rights may be used instead of the IBM product, program, or service. Evaluation and verification of operation in conjunction with other products, except those expressly designated by IBM, is the user's responsibility.

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

International Business Machines Corporation
IBM Director of Licensing
500 Columbus Avenue
Thornwood, NY 10594
U.S.A

Trademarks and Service Marks

The following terms, denoted by an asterisk (*), used in this document, are trademarks or service marks of IBM Corporation in the United States or other countries:

AIX
CBIPO
CBPDO
CICS
CICS OS/2
CICS/ESA
CICS/MVS
CICS/VM
CICS/VSE
CICS/400
CUA
GDDM
IBM
IBMLink
IMS
IMS/ESA
MVS/ESA
MVS/SP
MVS/XA
Print Services Facility
PSF
RETAIN
VisualGen
VM/XA
VTAM

1.0 Introduction

This program directory is intended for the system programmer responsible for program installation and maintenance. It contains information concerning the material and procedures associated with the installation of SDF II MVS. You should read all of this program directory before installing the program and then keep it for future reference.

The program directory contains the following sections:

- 2.0, “Program Materials” on page 2 identifies the basic and optional program materials and documentation for SDF II MVS.
- 3.0, “Program Support” on page 11 describes the IBM support available for SDF II MVS.
- 4.0, “Program and Service Level Information” on page 13 lists the APARs (program level) and PTFs (service level) incorporated into SDF II MVS.
- 5.0, “Installation Requirements and Considerations” on page 15 identifies the resources and considerations for installing and using SDF II MVS.
- 6.0, “Installation Instructions” on page 30 provides detailed installation instructions for SDF II MVS. It also refers to the publication containing the procedures for activating the functions of SDF II MVS.
- Appendix A, “SDF II MVS Install Logic” on page 44 provides the install logic for SDF II MVS.

Before installing SDF II MVS, read 3.2, “Preventive Service Planning” on page 11. This section tells you how to find any updates to the information and procedures in this program directory.

Do not use this program directory if you are installing SDF II MVS with an MVS Custom-Built Installation Process Offering (CBIPO*) (5751-CS1). Instead, use the CBIPO Related Installation Materials (RIMs) provided with the CBIPO. The CBIPO RIMs will point you to specific sections of the program directory as required.

If you are installing SDF II MVS using the MVS Custom-Built Product Delivery Offering (CBPDO*) (5751-CS3), use the softcopy program directory provided on the CBPDO tape. Your CBPDO contains a softcopy preventive service planning (PSP) upgrade for this product. All service and HOLDDATA for SDF II MVS are included on the CBPDO tape.

2.0 Program Materials

An IBM program is identified by a program number and a feature code. The program number for SDF II MVS is 5665-366.

The program announcement material describes the features supported by SDF II MVS. Ask your IBM marketing representative for this information if you have not already received a copy.

The following sections identify:

- The basic and optional program materials available with this program
- Program Source Materials
- Publications useful during installation

2.1 Basic Machine-Readable Material

The distribution medium for this program are 9-track magnetic tapes (written at 6250 Bpi), 3480 cartridges, or 4mm data cartridges. The tapes or cartridges contains all the programs and data needed for installation. It is installed using SMP/E. See 6.0, “Installation Instructions” on page 30 for more information about how to install the program.

Figure 1 up to Figure 6 on page 4 describes the tapes or cartridges. Figure 7 on page 4 up to Figure 13 on page 7 describes the file content of the program tapes or cartridges.

2.1.1 SDF II MVS Basic Material and US-English Feature

Figure 1. Basic Material and US-English: Program Tapes and Cartridges.

Medium	Feature Number	Physical Volume	External Label Identification	VOLSER
6250 tape	6230	1	SDF II BASE	EF1140
		2	SDF II U.S. ENGLISH	EF1146
3480 cartridge	6231	1	SDF II BASE	EF1140
		2	SDF II U.S. ENGLISH	EF1146
4MM	6275	1	SDF II BASE	EF1140
		2	SDF II U.S. ENGLISH	EF1146

2.1.2 SDF II MVS MFS Feature

Figure 2. MFS Feature: Program Tape and Cartridge

Medium	Feature Number	Physical Volume	External Label Identification	VOLSER
6250 tape	6248	1	SDF II MFS FEATURE	EF1141
3480 cartridge	6249	1	SDF II MFS FEATURE	EF1141
4MM	6276	1	SDF II MFS FEATURE	EF1141

2.1.3 SDF II MVS German Feature

Figure 3. German Feature: Program Tapes and Cartridges

Medium	Feature Number	Physical Volume	External Label Identification	VOLSER
6250 tape	6233	1	SDF II BASE	EF1140
		2	SDF II GERMAN	EF1142
3480 cartridge	6234	1	SDF II BASE	EF1140
		2	SDF II GERMAN	EF1142
4MM	6270	1	SDF II BASE	EF1140
		2	SDF II GERMAN	EF1142

2.1.4 SDF II MVS Swiss German Feature

Figure 4. Swiss German Feature: Program Tapes and Cartridges

Medium	Feature Number	Physical Volume	External Label Identification	VOLSER
6250 tape	6242	1	SDF II BASE	EF1140
		2	SDF II SWISS GERMAN	EF1145
3480 cartridge	6243	1	SDF II BASE	EF1140
		2	SDF II SWISS GERMAN	EF1145
4MM	6273	1	SDF II BASE	EF1140
		2	SDF II SWISS GERMAN	EF1145

2.1.5 SDF II MVS Japanese Feature

Figure 5 (Page 1 of 2). Japanese Feature: Program Tapes and Cartridges

Medium	Feature Number	Physical Volume	External Label Identification	VOLSER
6250 tape	6236	1	SDF II BASE	EF1140
		2	SDF II JAPANESE	EF1143
3480 cartridge	6237	1	SDF II BASE	EF1140
		2	SDF II JAPANESE	EF1143

Figure 5 (Page 2 of 2). Japanese Feature: Program Tapes and Cartridges

Medium	Feature Number	Physical Volume	External Label Identification	VOLSER
4MM	6274	1	SDF II BASE	EF1140
		2	SDF II JAPANESE	EF1143

2.1.6 SDF II MVS Spanish Feature

Figure 6. Spanish Feature: Program Tapes and Cartridges

Medium	Feature Number	Physical Volume	External Label Identification	VOLSER
6250 tape	6239	1	SDF II BASE	EF1140
		2	SDF II SPANISH	EF1144
3480 cartridge	6240	1	SDF II BASE	EF1140
		2	SDF II SPANISH	EF1144
4MM	6272	1	SDF II BASE	EF1140
		2	SDF II SPANISH	EF1144

2.1.7 SDF II MVS Tapes or Cartridges File Content

The following figures describe the file content for each SDF II MVS tape or cartridge.

2.1.7.1 SDF II MVS Basic Material

Figure 7. Program Tape, Cartridge or 4MM: SDF II MVS Basic Material (HEF1140)File Content

VOLSER	File	Data Set Name	Distribution Library	RECFM	LRECL	BLK SIZE	No. of Elements
EF1140	1	SMPMCS		FB	80	6400	
	2	IBM.HEF1140.F1		FB	80	8800	1
	3	IBM.HEF1140.F2	ADGIJCL	FB	80	8800	38
	4	IBM.HEF1140.F3	ADGICMD	FB	80	8800	12
	5	IBM.HEF1140.F4	ADGISAM	FB	80	8800	37
	6	IBM.HEF1140.F5	ADGISK	FB	80	8800	21
	7	IBM.HEF1140.F6	ADGIMOD1	U	0	6144	450

2.1.7.2 SDF II MVS US-English Feature

Figure 8. Program Tape, Cartridge or 4MM: SDF II MVS US-English (JEF1146) File Content

VOLSER	File	Data Set Name	Distribution Library	RECFM	LRECL	BLK SIZE	No. of Elements
EF1146	1	SMPMCS		FB	80	6400	
	2	IBM.JEF1146.F1	ADGISKEU	FB	80	8800	17
	3	IBM.JEF1146.F2	ADGIPNEU	FB	80	8800	194
	4	IBM.JEF1146.F3	ADGIHPEU	FB	80	8800	1869
	5	IBM.JEF1146.F4	ADGITUEU	FB	80	8800	508
	6	IBM.JEF1146.F5	ADGIMSEU	FB	80	8800	251
	7	IBM.JEF1146.F6	ADGITBEU	FB	80	8800	23

2.1.7.3 SDF II MVS MFS Feature

Figure 9. Program Tape, Cartridge or 4MM: SDF II MVS MFS Feature (JEF1141) File Content

VOLSER	File	Data Set Name	Distribution Library	RECFM	LRECL	BLK SIZE	No. of Elements
EF1141	1	SMPMCS		FB	80	6400	
	2	IBM.JEF1141.F1		FB	80	8800	1
	3	IBM.JEF1141.F2	ADGIJCL	FB	80	8800	3
	4	IBM.JEF1141.F3	ADGIMOD1	U	0	6144	180

2.1.7.4 SDF II MVS German Feature

Figure 10. Program Tape, Cartridge or 4MM: SDF II MVS German (JEF1142) File Content

VOLSER	File	Data Set Name	Distribution Library	RECFM	LRECL	BLK SIZE	No. of Elements
EF1142	1	SMPMCS		FB	80	6400	
	2	IBM.JEF1142.F1	ADGISKDU	FB	80	8800	17
	3	IBM.JEF1142.F2	ADGIPNDU	FB	80	8800	194
	4	IBM.JEF1142.F3	ADGIHPDU	FB	80	8800	1869
	5	IBM.JEF1142.F4	ADGITUDU	FB	80	8800	508
	6	IBM.JEF1142.F5	ADGIMSDU	FB	80	8800	251
	7	IBM.JEF1142.F6	ADGITBDU	FB	80	8800	23

2.1.7.5 SDF II MVS Swiss German Feature

Figure 11 (Page 1 of 2). Program Tape, Cartridge or 4MM: SDF II MVS Swiss German (JEF1145) File Content

VOLSER	File	Data Set Name	Distribution Library	RECFM	LRECL	BLK SIZE	No. of Elements
EF1145	1	SMPMCS		FB	80	6400	
	2	IBM.JEF1145.F1	ADGISKDS	FB	80	8800	17
	3	IBM.JEF1145.F2	ADGIPNDS	FB	80	8800	194

Figure 11 (Page 2 of 2). Program Tape, Cartridge or 4MM: SDF II MVS Swiss German (JEF1145) File Content

VOLSER	File	Data Set Name	Distribution Library	RECFM	LRECL	BLK SIZE	No. of Elements
	4	IBM.JEF1145.F3	ADGIHPDS	FB	80	8800	1869
	5	IBM.JEF1145.F4	ADGITUDS	FB	80	8800	508
	6	IBM.JEF1145.F5	ADGIMSDS	FB	80	8800	251
	7	IBM.JEF1145.F6	ADGITBDS	FB	80	8800	23

2.1.7.6 SDF II MVS Japanese Feature

Figure 12. Program Tape, Cartridge or 4MM: SDF II MVS Japanese (JEF1143) File Content

VOLSER	File	Data Set Name	Distribution Library	RECFM	LRECL	BLK SIZE	No. of Elements
EF1143	1	SMPMCS		FB	80	6400	
	2	IBM.JEF1143.F1	ADGISKJN	FB	80	8800	17
	3	IBM.JEF1143.F2	ADGIPNJN	FB	80	8800	193
	4	IBM.JEF1143.F3	ADGIHPJN	FB	80	8800	1844
	5	IBM.JEF1143.F4	ADGITUJN	FB	80	8800	503
	6	IBM.JEF1143.F5	ADGIMSJN	FB	80	8800	251
	7	IBM.JEF1143.F6	ADGITBJN	FB	80	8800	23

2.1.7.7 SDF II MVS Spanish Feature

Figure 13 (Page 1 of 2). Program Tape, Cartridge or 4MM: SDF II MVS Spanish (JEF1144) File Content

VOLSER	File	Data Set Name	Distribution Library	RECFM	LRECL	BLK SIZE	No. of Elements
EF1144	1	SMPMCS		FB	80	6400	
	2	IBM.JEF1144.F1	ADGISKEP	FB	80	8800	17
	3	IBM.JEF1144.F2	ADGIPNEP	FB	80	8800	193
	4	IBM.JEF1144.F3	ADGIHPEP	FB	80	8800	1846

Figure 13 (Page 2 of 2). Program Tape, Cartridge or 4MM: SDF II MVS Spanish (JEF1144) File Content

VOLSER	File	Data Set Name	Distribution Library	RECFM	LRECL	BLK SIZE	No. of Elements
	5	IBM.JEF1144.F4	ADGITUEP	FB	80	8800	504
	6	IBM.JEF1144.F5	ADGIMSEP	FB	80	8800	250
	7	IBM.JEF1144.F6	ADGITBEP	FB	80	8800	26

2.2 Optional Machine-Readable Material

There are no optional machine-readable materials for SDF II MVS.

2.3 Program Publications

The following sections identify the basic and optional publications for SDF II MVS.

2.3.1 Basic Program Publications

Figure 14 identifies the basic program publications for SDF II MVS. One copy of each of these publications is included when you order the basic materials or the NLS feature materials for SDF II MVS. For additional copies, contact your IBM representative.

Figure 14 (Page 1 of 2). Basic Material: Unlicensed Publications

Feature Numbers	Publication Title	Order/Form Number	Languages
	SDF II MVS Basic Material and US-English Feature		
6230	Introducing SDF II Release 4 for MVS	GH19-8261	US-English
6231	Screen Definition Facility II for MVS Release 4 Licensed Program Specifications	GH19-6115	US-English
6275	Screen Definition Facility II Administrator's Guide	SH19-8211	US-English
	Designing Panels with SDF II	SH19-8212	US-English
	Screen Definition Facility II Reference Summary	SX11-6088	US-English

Figure 14 (Page 2 of 2). Basic Material: Unlicensed Publications

Feature Numbers	Publication Title	Order/Form Number	Languages
	SDF II MVS German Feature		
6233 6234 6270	Introducing SDF II Release 4 for MVS	GH12-1571	German
	Screen Definition Facility II for MVS Release 4 Licensed Program Specifications	GH19-6115	US-English
	Screen Definition Facility II Administrator's Guide	SH19-8211	US-English
	Designing Panels with SDF II	SH12-2240	German
	Screen Definition Facility II Reference Summary	SX12-1843	German
	SDF II MVS Swiss German Feature		
6242 6243 6273	Introducing SDF II Release 4 for MVS	GH12-1571	German
	Screen Definition Facility II for MVS Release 4 Licensed Program Specifications	GH19-6115	US-English
	Screen Definition Facility II Administrator's Guide	SH19-8211	US-English
	Designing Panels with SDF II	SH12-2240	German
	Screen Definition Facility II Reference Summary	SX12-1843	German
	SDF II MVS Japanese Feature		
6236 6237 6274	Introducing SDF II Release 4 for MVS	GH19-8261	US-English
	Screen Definition Facility II for MVS Release 4 Licensed Program Specifications	GH19-6115	US-English
	Screen Definition Facility II Administrator's Guide	SH19-8211	US-English
	Designing Panels with SDF II	SH19-8212	US-English
	Screen Definition Facility II Reference Summary	SX11-6088	US-English
	SDF II MVS Spanish Feature		
6239 6240 6272	Introducing SDF II Release 4 for MVS	GH19-8261	US-English
	Screen Definition Facility II for MVS Release 4 Licensed Program Specifications	GH19-6115	US-English
	Screen Definition Facility II Administrator's Guide	SH19-8211	US-English
	Designing Panels with SDF II	SH19-8212	US-English
	Screen Definition Facility II Reference Summary	SX11-6088	US-English

2.3.2 Optional Program Publications

Figure 15 on page 10 identifies the optional licensed program publications on CD-ROM for SDF II MVS. The first copy is available at no charge to licenses of the basic material by:

1. Using the 5636-PUB Product Number for EMEA[1].
2. Ordering the 7904/7905 Feature Numbers for users outside EMEA.

A fee is charged for additional copies.

Figure 15. Optional Material: Licensed Publications on CD-ROM

Publication Title	Form Number	Feature/ Product Number First Copy	Language
Online Library Omnibus Edition MVS Collection	SK2T-0710	7904 or 5636-PUB	US-English
Online Library Transaction Processing and Data	SK2T-0730	7905 or 5636-PUB	US-English

2.4 Program Source Materials

There are no program source materials for SDF II MVS.

2.5 Publications Useful During Installation

The publications listed in Figure 16 may be useful during the installation of SDF II MVS. To order copies, contact your IBM representative.

Figure 16. Publications Useful During Installation

Publication Title	Form Number
System Modification Program/Extended (SMP/E) Reference	SC28-1107
System Modification Program/Extended (SMP/E) User's Guide	SC28-1302
System Modification Program/Extended (SMP/E) Messages and Codes	SC28-1108

[1] EMEA - IBM World Trade E/ME/A - Europe/Middle East/Africa

3.0 Program Support

This section describes the IBM support available for SDF II MVS.

3.1 Service Instructions

Contact your IBM marketing representative or systems engineer (SE) for specific information about available service instructions.

3.2 Preventive Service Planning

If you obtained SDF II MVS as part of a CBPDO, there is HOLDDATA and Preventive Service Planning (PSP) information for SDF II MVS on the CBPDO tape. Before installing SDF II MVS, check with your IBM Support Center or use either Information/Access or SoftwareXcel Extended to see whether there is additional Preventive Service Planning (PSP) information that you should know. To obtain this information, specify the following UPGRADE and SUBSET values:

Figure 17. PSP Upgrade and Subset ID

UPGRADE	SUBSET	RETAIN* Release
SDFMVSII	HEF1140	140
SDFMVSII	JEF1141	141
SDFMVSII	JEF1142	142
SDFMVSII	JEF1143	143
SDFMVSII	JEF1144	144
SDFMVSII	JEF1145	145
SDFMVSII	JEF1146	146

If you have received SDF II MVS only from IBM Software Distribution, then before installing SDF II MVS, you should also check with your IBM Support Center or use either Information/Access or SoftwareXcel Extended to see if there is additional PSP information that you should know.

3.3 Statement of Support Procedures

Report any difficulties you have using this program to your IBM Support Center. If an APAR is required, the Support Center will provide the address to which any needed documentation can be sent.

Figure 18 identifies the component IDs (COMPID) for SDF II MVS.

Figure 18. Component IDs

FMID	COMPID	Component Name	REL
HEF1140	566536601	SDFII V1R4 BASE	140
JEF1141	566536601	SDFII V1R4 MFS	141
JEF1142	566536601	SDFII V1R4 GERMAN	142
JEF1143	566536601	SDFII V1R4 JAPANESE	143
JEF1144	566536601	SDFII V1R4 SPANISH	144
JEF1145	566536601	SDFII V1R4 SWISS GER	145
JEF1146	566536601	SDFII V1R4 US ENGL	146

4.0 Program and Service Level Information

This section identifies the program and any relevant service levels of SDF II MVS. The program level refers to the APAR fixes incorporated into the program. The service level refers to the PTFs integrated. Information about the cumulative service tape is also provided.

4.1 Program Level Information

The following APAR fixes against previous releases of SDF II MVS have been incorporated into this release:

PN00056	PN25200	PN33886	PN43780
PN17032	PN25392	PN33926	PN43931
PN17112	PN25439	PN33945	PN44268
PN17113	PN25484	PN34494	PN44742
PN18858	PN25824	PN34569	PN44848
PN18859	PN26044	PN35481	PN44887
PN18860	PN26738	PN35856	PN45305
PN18862	PN26959	PN35987	PN45767
PN18863	PN27001	PN35996	PN45775
PN18864	PN27216	PN36263	PN45847
PN18865	PN28527	PN36273	PN46064
PN18866	PN29273	PN36391	PN46124
PN19570	PN29690	PN36897	PN46317
PN21310	PN29959	PN37038	PN46403
PN21311	PN29960	PN37057	PN46509
PN21312	PN30031	PN37126	PN47079
PN21313	PN30233	PN37631	PN47433
PN22126	PN30766	PN37634	PN47437
PN22147	PN31081	PN37768	PN48060
PN22373	PN31216	PN37869	PN48061
PN22400	PN31220	PN37921	PN48062
PN22645	PN31390	PN38490	PN48063
PN23663	PN31471	PN38830	PN48342
PN23728	PN31919	PN38831	PN48750
PN23884	PN32328	PN39277	PN48818
PN23891	PN32383	PN39629	PN48949
PN24054	PN32810	PN39654	PN49055
PN24114	PN33023	PN40282	PN49234
PN24148	PN33264	PN41004	PN49609
PN24457	PN33291	PN42972	PN49655
PN24468	PN33657	PN43150	PN50340
PN25082	PN33737	PN43625	PN50513

PN50727	PN56072	PN59742	PN63649
PN51115	PN56118	PN59846	PN64390
PN51515	PN56175	PN60590	PN64776
PN51884	PN56189	PN60594	PN65068
PN52342	PN56334	PN60643	PN65212
PN52494	PN56597	PN60658	PN65261
PN52689	PN57431	PN61007	PN65792
PN54394	PN57879	PN61286	PN65908
PN54896	PN57959	PN61601	PN66055
PN54904	PN58213	PN61614	PN66522
PN54997	PN58836	PN62832	PN66606
PN55004	PN58844	PN62974	PN68102
PN55512	PN58977	PN63110	PN68214

4.2 Service Level Information

Check the SDFMVSII PSP bucket for any additional PTFs that should be installed or any additional install information.

4.3 Cumulative Service Tape

A cumulative service tape, containing PTFs not incorporated into this release, might be included with this program. If you received this product as part of a CBPDO, then there is no cumulative service tape.

5.0 Installation Requirements and Considerations

The following sections identify the system requirements for installing and activating SDF II MVS. In most cases, you can install SDF II MVS on a running system (target system). However, sometimes two systems may be required. If two systems are required, then the following terminology is used:

1. The system used to install the program (driving system)
2. The system on which the program is installed (target system).

5.1 Driving System Requirements

This section describes the environment of the driving system required to install SDF II MVS.

5.1.1 Operating System Requirements

The MVS/ESA or MVS/XA operating system is used to install SDF II MVS.

5.1.2 Machine Requirements

There are no special machine requirements for the driving system.

5.1.3 Programming Requirements

There are no special programming requirements for the driving system.

5.2 Target System Requirements

This section describes the environment of the target system required to install and use SDF II MVS.

5.2.1 Operating System Requirements

SDF II MVS operates under the MVS/ESA or MVS/XA operating system.

5.2.2 Machine Requirements

SDF II MVS requires:

- Any processor that meets the minimum requirements for the supported operating system
- A nine-track tape drive or cartridge tape drive to install distributed material

SDF II MVS Release 4 operates on all host terminals and workstations supported by ISPF Version 4 Release 1 for MVS. For host terminals the minimal screen size is 24 x 80.

SDF II MVS Release 4 supports the specification of panels for all non-programmable terminals (NPTs) and printers supported in the system environments listed under heading Execution Environment in section Programming Requirements.

5.2.3 Programming Requirements

SDF II MVS Release 4 software requirements are described in this section. The release levels shown are the minimum levels required. In general, you can use later versions or releases of these programs unless the description for a given program specifically states otherwise.

SDF II MVS Release 4 requires one of the following operating systems:

- MVS/ESA System Product-JES2 Version 5 Release 1 (5665-068)
- MVS/ESA System Product-JES3 Version 5 Release 1 (5665-069)
- MVS/ESA System Product-JES2 Version 4 Release 1 (5695-047)
- MVS/ESA System Product-JES3 Version 4 Release 1 (5695-048)
- MVS/System Product-JES2 Version 3 Release 1.3 (5685-001)
- MVS/System Product-JES3 Version 3 Release 1.2 (5685-002)
- MVS/System Product-JES2 Version 2 Release 2 (5740-XC6)
- MVS/System Product-JES3 Version 2 Release 2.1 (5665-291)

The installation of SDF II MVS requires the following licensed program or its equivalent:

- System Modification Program Extended (SMP/E) Release 7 (5668-949), minimum service level 20

SDF II also requires:

- MVS TSO Extensions (TSO/E) Version 2 Release 1 (5685-025)
- Interactive System Productivity Facility (ISPF) Version 4 Release 1 (5655-042)

Before activating SDF II MVS Release 4, the following ISPF Version 4 Release 1 APARs/PTFs must be applied:

APARs	PTFs
OW07034	UW10221

Requirements for printing: If output prepared by the SDF II print utility contains DBCS fields, it can be printed with the Print Services Facility*/MVS (5665-275). To print the field outlining attributes, the MVS/SP* KANJI Print Utility (5799-BWM) is also required.

The DCF input prepared by SDF II can be processed with DCF (5748-XX9).

Output for the terminal printer, prepared by SDF II, can be processed with the print utility of GDDM* Version 2 (5665-365).

Import: SDF II provides import facilities for screen objects from the IBM licensed programs listed under heading Execution Environment.

In addition objects created with the following IBM licensed programs can be imported into SDF II.

- SDF/CICS* OS/VS Release 5.0 (5740-XYF)
- SDF/CICS VSE Release 5 (5746-XXT)
- SDF/CICS CMS Release 1.0 (5664-178)

For importing objects from and generating objects for IMS/ESA*-MFS or IMS/VS-MFS, the MFS feature of SDF II is needed.

Execution Environment: SDF II MVS Release 4 allows the user to define panels, panel groups, partition sets, AID tables, and operator control tables for applications running in one of the following system environments:

- CICS/ESA* Version 4 (5655-018)
- CICS/ESA Version 3 (5685-083)
- CICS/MVS* Version 2 (5665-403)
- CICS/OS/VS Version 1 (5740-XX1)
- CICS/VSE Version 2 (5686-026)
- CICS/VM* Version 2 (5684-011)
- CICS OS/2* Version 1 (5688-101)
- AIX* CICS/600*0 (5765-148)
- CICS/400* Version 3 (5763-DFH)
- CICS/400 Version 2 (5738-DFH)
- IMS/ESA Transaction Manager Version 4 (5685-013)
- IMS/ESA Transaction Manager Version 5 (5695-176)
- IMS/ESA Transaction Manager Version 3 (5665-409)
- IMS/VS Version 2 (5665-332)
- IMS/VS Version 1 (5740-XX2)
- ISPF Version 4 for MVS (5655-042)
- ISPF/PDF MVS Version 3 (5685-054)
- ISPF/PDF MVS Version 2 (5665-319)
- ISPF VM/SP Version 3 (5684-043)
- ISPF VM/SP Version 2 (5664-282)
- ISPF VM/XA* Version 2 (5684-014)
- VisualGen* Developer (5648-040)
- CSP/370AD Version 4 (5668-218)
- CSP/AD Version 3 (5668-813)
- CSP/AD Version 2 (5668-824)
- CSP/2AD Version 1 (5688-205)
- GDDM-IMD Version 2 (5668-801)

Compatibility: Screen objects created with previous releases of SDF II can be processed by SDF II MVS Release 4. Screen objects created with SDF II MVS Release 4 can, however, not be processed by previous releases of SDF II.

5.2.4 DASD Storage Requirements

The following tables provide the SMP/E space parameters and SMPWRK data set space required to install SDF II MVS.

Figure 19. Storage Requirements for SMP/E System Entries

SUB-ENTRY	Value	Comment
DSSPACE	(200,100,200)	
PEMAX	9999	

Figure 20. Storage Requirements for SMP/E Work Data Sets

DDNAME	DSORG	RECFM	LRECL	BLK SIZE	No. of BLKS	No. of DIR BLKS
SMPWRK1	PO	FB	80	6160	250	5
SMPWRK2	PO	FB	80	6160	250	5
SMPWRK3	PO	FB	80	3120	250	5
SMPWRK4	PO	FB	80	3120	250	5
SMPWRK6	PO	FB	80	6160	250	5

The following table provides an estimate of the additional storage needed in the SMP/E data sets for SDF II MVS. The estimates must be added to those of any other programs and service being installed to determine the total additional storage requirements.

Figure 21 (Page 1 of 2). Storage Requirements for SMP/E Data Sets

Data Set Name or Library Name	TYPE	DSORG	RECFM	LRECL	BLK SIZE	No. of BLKS	No. of DIR BLKS
SMPLOG	NU	PS	VB	510	13030	300	
SMPMTS	NU	PO	FB	80	6160	14	5
SMPPTS	NU	PO	FB	80	6160	14	5
SMPSCDS	NU	PO	FB	80	6160	14	12

Figure 21 (Page 2 of 2). Storage Requirements for SMP/E Data Sets

Data Set Name or Library Name	TYPE	DSORG	RECFM	LRECL	BLK SIZE	No. of BLKS	No. of DIR BLKS
SMPSTS	NU	PO	FB	80	6160	56	5

Notes:

1. The number of blocks and directory blocks specified is the actual minimum storage required by SDF II MVS after the program is installed and the data sets are compressed.
2. Data sets can be reblocked to a larger size.
3. Abbreviations used for the data set type are:

   NU New data set used by only the FMIDs listed. In order to determine the correct storage needed for this data set, only the storage size given in the one table needs to be used. No other tables (or program directories) need to be referenced for the data set size.

The following figures list the target and distribution libraries (data sets) and their attributes required to install SDF II MVS.

SMP/E DDDEF entries for each data set should be created at this time, if not already done.

The storage requirements of SDF II MVS must be added to the storage required by other programs having data in the same data set (library). An estimate of required space is the data set's current allocation plus the storage required by SDF II MVS.

5.2.4.1 Target Libraries

Figure 22 (Page 1 of 2). Storage Requirements for Base (HEF1140) Target Libraries

Data Set Name or Library Name	TYPE	DSORG	RECFM	LRECL	BLK SIZE	No. of BLKS	No. of DIR BLKS
SDGIJCL	NU	PO	FB	80	8800	24	3
SDGICMD	NU	PO	FB	80	8800	30	3
SDGISAM	NU	PO	FB	80	8800	42	3
SDGISK	NU	PO	FB	80	8800	42	3
SDGILMD	NU	PO	U	0	6144	875	10

Figure 22 (Page 2 of 2). Storage Requirements for Base (HEF1140) Target Libraries

Data Set Name or Library Name	TYPE	DSORG	RECFM	LRECL	BLK SIZE	No. of BLKS	No. of DIR BLKS
SDGILPA	NU	PO	U	0	6144	120	5

Notes:

1. The number of blocks and directory blocks specified is the actual storage required by SDF II MVS after the program is installed and the data sets are compressed. When allocating these data sets, you may want to specify additional storage and directory blocks to allow for maintenance.
2. If required, data sets may be reblocked to a larger size.
3. SMP/E DDDEF entries for each data set should be created at this time, if not already done.
4. Abbreviations used for the data set type are:

   NU New data set used by only the FMIDs listed. In order to determine the correct storage needed for this data set, only the storage size given in the one table needs to be used. No other tables (or program directories) need to be referenced for the data set size.

Figure 23. Storage Requirements for MFS Feature (JEF1141) Target Libraries

Data Set Name or Library Name	TYPE	DSORG	RECFM	LRECL	BLK SIZE	No. of BLKS	No. of DIR BLKS
SDGIJCL	NU	PO	FB	80	8800	24	3
SDGILMD	NU	PO	U	0	6144	875	10

Notes:

1. The number of blocks and directory blocks specified is the actual storage required by SDF II MVS after the program is installed and the data sets are compressed. When allocating these data sets, you may want to specify additional storage and directory blocks to allow for maintenance.
2. If required, data sets may be reblocked to a larger size.
3. SMP/E DDDEF entries for each data set should be created at this time, if not already done.
4. Abbreviations used for the data set type are:

   NU New data set used by only the FMIDs listed. In order to determine the correct storage needed for this data set, only the storage size given in the one table needs to be used. No other tables (or program directories) need to be referenced for the data set size.

Figure 24. Storage Requirements for US-English (JEF1146) Target Libraries

Data Set Name or Library Name	TYPE	DSORG	RECFM	LRECL	BLK SIZE	No. of BLKS	No. of DIR BLKS
SDGISKEU	NU	PO	FB	80	8800	36	2
SDGIPNEU	NU	PO	FB	80	8800	438	14
SDGIHPEU	NU	PO	FB	80	8800	780	98
SDGITUEU	NU	PO	FB	80	8800	420	30
SDGIMSEU	NU	PO	FB	80	8800	78	14
SDGITBEU	NU	PO	FB	80	8800	36	3

Notes:

1. The number of blocks and directory blocks specified is the actual storage required by SDF II MVS after the program is installed and the data sets are compressed. When allocating these data sets, you may want to specify additional storage and directory blocks to allow for maintenance.
2. If required, data sets may be reblocked to a larger size.
3. SMP/E DDDEF entries for each data set should be created at this time, if not already done.
4. Abbreviations used for the data set type are:

   NU New data set used by only the FMIDs listed. In order to determine the correct storage needed for this data set, only the storage size given in the one table needs to be used. No other tables (or program directories) need to be referenced for the data set size.

Figure 25 (Page 1 of 2). Storage Requirements for German (JEF1142) Target Libraries

Data Set Name or Library Name	TYPE	DSORG	RECFM	LRECL	BLK SIZE	No. of BLKS	No. of DIR BLKS
SDGISKDU	NU	PO	FB	80	8800	36	2
SDGIPNDU	NU	PO	FB	80	8800	438	14
SDGIHPDU	NU	PO	FB	80	8800	780	98
SDGITUDU	NU	PO	FB	80	8800	420	30
SDGIMSDU	NU	PO	FB	80	8800	78	14

Figure 25 (Page 2 of 2). Storage Requirements for German (JEF1142) Target Libraries

Data Set Name or Library Name	TYPE	DSORG	RECFM	LRECL	BLK SIZE	No. of BLKS	No. of DIR BLKS
SDGITBDU	NU	PO	FB	80	8800	36	3

Notes:

1. The number of blocks and directory blocks specified is the actual storage required by SDF II MVS after the program is installed and the data sets are compressed. When allocating these data sets, you may want to specify additional storage and directory blocks to allow for maintenance.
2. If required, data sets may be reblocked to a larger size.
3. SMP/E DDDEF entries for each data set should be created at this time, if not already done.
4. Abbreviations used for the data set type are:

   NU New data set used by only the FMIDs listed. In order to determine the correct storage needed for this data set, only the storage size given in the one table needs to be used. No other tables (or program directories) need to be referenced for the data set size.

Figure 26. Storage Requirements for Swiss German (JEF1145) Target Libraries

Data Set Name or Library Name	TYPE	DSORG	RECFM	LRECL	BLK SIZE	No. of BLKS	No. of DIR BLKS
SDGISKDS	NU	PO	FB	80	8800	36	2
SDGIPNDS	NU	PO	FB	80	8800	438	14
SDGIHPDS	NU	PO	FB	80	8800	780	98
SDGITUDS	NU	PO	FB	80	8800	420	30
SDGIMSDS	NU	PO	FB	80	8800	78	14
SDGITBDS	NU	PO	FB	80	8800	36	3

Notes:

1. The number of blocks and directory blocks specified is the actual storage required by SDF II MVS after the program is installed and the data sets are compressed. When allocating these data sets, you may want to specify additional storage and directory blocks to allow for maintenance.
2. If required, data sets may be reblocked to a larger size.
3. SMP/E DDDEF entries for each data set should be created at this time, if not already done.
4. Abbreviations used for the data set type are:

   NU New data set used by only the FMIDs listed. In order to determine the correct storage needed for this data set, only the storage size given in the one table needs to be used. No other tables (or program directories) need to be referenced for the data set size.

Figure 27. Storage Requirements for Japanese (JEF1143) Target Libraries

Data Set Name or Library Name	TYPE	DSORG	RECFM	LRECL	BLK SIZE	No. of BLKS	No. of DIR BLKS
SDGISKJN	NU	PO	FB	80	8800	36	2
SDGIPNJN	NU	PO	FB	80	8800	438	14
SDGIHPJN	NU	PO	FB	80	8800	780	98
SDGITUJN	NU	PO	FB	80	8800	420	30
SDGIMSJN	NU	PO	FB	80	8800	78	14
SDGITBJN	NU	PO	FB	80	8800	36	3

Notes:

1. The number of blocks and directory blocks specified is the actual storage required by SDF II MVS after the program is installed and the data sets are compressed. When allocating these data sets, you may want to specify additional storage and directory blocks to allow for maintenance.
2. If required, data sets may be reblocked to a larger size.
3. SMP/E DDDEF entries for each data set should be created at this time, if not already done.
4. Abbreviations used for the data set type are:

   NU New data set used by only the FMIDs listed. In order to determine the correct storage needed for this data set, only the storage size given in the one table needs to be used. No other tables (or program directories) need to be referenced for the data set size.

Figure 28 (Page 1 of 2). Storage Requirements for Spanish (JEF1144) Target Libraries

Data Set Name or Library Name	TYPE	DSORG	RECFM	LRECL	BLK SIZE	No. of BLKS	No. of DIR BLKS
SDGISKEP	NU	PO	FB	80	8800	36	2
SDGIPNEP	NU	PO	FB	80	8800	438	14
SDGIHPEP	NU	PO	FB	80	8800	780	98
SDGITUEP	NU	PO	FB	80	8800	420	30
SDGIMSEP	NU	PO	FB	80	8800	78	14

Figure 28 (Page 2 of 2). Storage Requirements for Spanish (JEF1144) Target Libraries

Data Set Name or Library Name	TYPE	DSORG	RECFM	LRECL	BLK SIZE	No. of BLKS	No. of DIR BLKS
SDGITBEP	NU	PO	FB	80	8800	48	3

Notes:

1. The number of blocks and directory blocks specified is the actual storage required by SDF II MVS after the program is installed and the data sets are compressed. When allocating these data sets, you may want to specify additional storage and directory blocks to allow for maintenance.
2. If required, data sets may be reblocked to a larger size.
3. SMP/E DDDEF entries for each data set should be created at this time, if not already done.
4. Abbreviations used for the data set type are:

   NU New data set used by only the FMIDs listed. In order to determine the correct storage needed for this data set, only the storage size given in the one table needs to be used. No other tables (or program directories) need to be referenced for the data set size.

5.2.4.2 Distribution Libraries

Figure 29 (Page 1 of 2). Storage Requirements for Base (HEF1140) Distribution Libraries

Data Set Name or Library Name	TYPE	DSORG	RECFM	LRECL	BLK SIZE	No. of BLKS	No. of DIR BLKS
ADGIJCL	NU	PO	FB	80	8800	24	3
ADGICMD	NU	PO	FB	80	8800	30	2
ADGISAM	NU	PO	FB	80	8800	42	3
ADGISK	NU	PO	FB	80	8800	42	3

Figure 29 (Page 2 of 2). Storage Requirements for Base (HEF1140) Distribution Libraries

Data Set Name or Library Name	TYPE	DSORG	RECFM	LRECL	BLK SIZE	No. of BLKS	No. of DIR BLKS
ADGIMOD1	NU	PO	U	0	6144	770	81

Notes:

1. The number of blocks and directory blocks specified is the actual storage required by SDF II MVS after the program is installed and the data sets are compressed. When allocating these data sets, you may want to specify additional storage and directory blocks to allow for maintenance.
2. If required, data sets may be reblocked to a larger size.
3. SMP/E DDDEF entries for each data set should be created at this time, if not already done.
4. Abbreviations used for the data set type are:

   NU New data set used by only the FMIDs listed. In order to determine the correct storage needed for this data set, only the storage size given in the one table needs to be used. No other tables (or program directories) need to be referenced for the data set size.

Figure 30. Storage Requirements for MFS Feature (JEF1141) Distribution Libraries

Data Set Name or Library Name	TYPE	DSORG	RECFM	LRECL	BLK SIZE	No. of BLKS	No. of DIR BLKS
ADGIMOD1	NU	PO	U	0	6144	770	81
ADGIJCL	NU	PO	FB	80	8800	24	3

Notes:

1. The number of blocks and directory blocks specified is the actual storage required by SDF II MVS after the program is installed and the data sets are compressed. When allocating these data sets, you may want to specify additional storage and directory blocks to allow for maintenance.
2. If required, data sets may be reblocked to a larger size.
3. SMP/E DDDEF entries for each data set should be created at this time, if not already done.
4. Abbreviations used for the data set type are:

   NU New data set used by only the FMIDs listed. In order to determine the correct storage needed for this data set, only the storage size given in the one table needs to be used. No other tables (or program directories) need to be referenced for the data set size.

Figure 31. Storage Requirements for US-English (JEF1146) Distribution Libraries

Data Set Name or Library Name	TYPE	DSORG	RECFM	LRECL	BLK SIZE	No. of BLKS	No. of DIR BLKS
ADGISKEU	NU	PO	FB	80	8800	36	2
ADGIPNEU	NU	PO	FB	80	8800	438	14
ADGIHPEU	NU	PO	FB	80	8800	780	98
ADGITUEU	NU	PO	FB	80	8800	420	30
ADGIMSEU	NU	PO	FB	80	8800	78	14
ADGITBEU	NU	PO	FB	80	8800	36	3

Notes:

1. The number of blocks and directory blocks specified is the actual storage required by SDF II MVS after the program is installed and the data sets are compressed. When allocating these data sets, you may want to specify additional storage and directory blocks to allow for maintenance.
2. If required, data sets may be reblocked to a larger size.
3. SMP/E DDDEF entries for each data set should be created at this time, if not already done.
4. Abbreviations used for the data set type are:

   NU New data set used by only the FMIDs listed. In order to determine the correct storage needed for this data set, only the storage size given in the one table needs to be used. No other tables (or program directories) need to be referenced for the data set size.

Figure 32 (Page 1 of 2). Storage Requirements for German (JEF1142) Distribution Libraries

Data Set Name or Library Name	TYPE	DSORG	RECFM	LRECL	BLK SIZE	No. of BLKS	No. of DIR BLKS
ADGISKDU	NU	PO	FB	80	8800	36	2
ADGIPNDU	NU	PO	FB	80	8800	438	14
ADGIHPDU	NU	PO	FB	80	8800	780	98
ADGITUDU	NU	PO	FB	80	8800	420	30
ADGIMSDU	NU	PO	FB	80	8800	78	14

Figure 32 (Page 2 of 2). Storage Requirements for German (JEF1142) Distribution Libraries

Data Set Name or Library Name	TYPE	DSORG	RECFM	LRECL	BLK SIZE	No. of BLKS	No. of DIR BLKS
ADGITBDU	NU	PO	FB	80	8800	36	3

Notes:

1. The number of blocks and directory blocks specified is the actual storage required by SDF II MVS after the program is installed and the data sets are compressed. When allocating these data sets, you may want to specify additional storage and directory blocks to allow for maintenance.
2. If required, data sets may be reblocked to a larger size.
3. SMP/E DDDEF entries for each data set should be created at this time, if not already done.
4. Abbreviations used for the data set type are:

   NU New data set used by only the FMIDs listed. In order to determine the correct storage needed for this data set, only the storage size given in the one table needs to be used. No other tables (or program directories) need to be referenced for the data set size.

Figure 33. Storage Requirements for Swiss German (JEF1145) Distribution Libraries

Data Set Name or Library Name	TYPE	DSORG	RECFM	LRECL	BLK SIZE	No. of BLKS	No. of DIR BLKS
ADGISKDS	NU	PO	FB	80	8800	36	2
ADGIPNDS	NU	PO	FB	80	8800	438	14
ADGIHPDS	NU	PO	FB	80	8800	780	98
ADGITUDS	NU	PO	FB	80	8800	420	30
ADGIMSDS	NU	PO	FB	80	8800	78	14
ADGITBDS	NU	PO	FB	80	8800	36	3

Notes:

1. The number of blocks and directory blocks specified is the actual storage required by SDF II MVS after the program is installed and the data sets are compressed. When allocating these data sets, you may want to specify additional storage and directory blocks to allow for maintenance.
2. If required, data sets may be reblocked to a larger size.
3. SMP/E DDDEF entries for each data set should be created at this time, if not already done.
4. Abbreviations used for the data set type are:

   NU New data set used by only the FMIDs listed. In order to determine the correct storage needed for this data set, only the storage size given in the one table needs to be used. No other tables (or program directories) need to be referenced for the data set size.

Figure 34. Storage Requirements for Japanese (JEF1143) Distribution Libraries

Data Set Name or Library Name	TYPE	DSORG	RECFM	LRECL	BLK SIZE	No. of BLKS	No. of DIR BLKS
ADGISKJN	NU	PO	FB	80	8800	36	2
ADGIPNJN	NU	PO	FB	80	8800	438	14
ADGIHPJN	NU	PO	FB	80	8800	780	98
ADGITUJN	NU	PO	FB	80	8800	420	30
ADGIMSJN	NU	PO	FB	80	8800	78	14
ADGITBJN	NU	PO	FB	80	8800	36	3

Notes:

1. The number of blocks and directory blocks specified is the actual storage required by SDF II MVS after the program is installed and the data sets are compressed. When allocating these data sets, you may want to specify additional storage and directory blocks to allow for maintenance.
2. If required, data sets may be reblocked to a larger size.
3. SMP/E DDDEF entries for each data set should be created at this time, if not already done.
4. Abbreviations used for the data set type are:

   NU New data set used by only the FMIDs listed. In order to determine the correct storage needed for this data set, only the storage size given in the one table needs to be used. No other tables (or program directories) need to be referenced for the data set size.

Figure 35 (Page 1 of 2). Storage Requirements for Spanish (JEF1144) Distribution Libraries

Data Set Name or Library Name	TYPE	DSORG	RECFM	LRECL	BLK SIZE	No. of BLKS	No. of DIR BLKS
ADGISKEP	NU	PO	FB	80	8800	36	2
ADGIPNEP	NU	PO	FB	80	8800	438	14
ADGIHPEP	NU	PO	FB	80	8800	780	98
ADGITUEP	NU	PO	FB	80	8800	420	30
ADGIMSEP	NU	PO	FB	80	8800	78	14

Figure 35 (Page 2 of 2). Storage Requirements for Spanish (JEF1144) Distribution Libraries

Data Set Name or Library Name	TYPE	DSORG	RECFM	LRECL	BLK SIZE	No. of BLKS	No. of DIR BLKS
ADGITBEP	NU	PO	FB	80	8800	48	3

Notes:

1. The number of blocks and directory blocks specified is the actual storage required by SDF II MVS after the program is installed and the data sets are compressed. When allocating these data sets, you may want to specify additional storage and directory blocks to allow for maintenance.
2. If required, data sets may be reblocked to a larger size.
3. SMP/E DDDEF entries for each data set should be created at this time, if not already done.
4. Abbreviations used for the data set type are:

   NU New data set used by only the FMIDs listed. In order to determine the correct storage needed for this data set, only the storage size given in the one table needs to be used. No other tables (or program directories) need to be referenced for the data set size.

5.3 Program Considerations

The following sections list the programming considerations for installing SDF II MVS and activating its functions.

5.3.1 Programming Considerations

SDF II MVS requires:

- MVS TSO Extensions (TSO/E) Version 2 Release 1 (5685-025)
- Interactive System Productivity Facility (ISPF) Version 4 Release 1 (5655-042)

6.0 Installation Instructions

This chapter describes the installation method and step-by-step procedures to install the functions of SDF II MVS.

If you obtained SDF II MVS as part of a CBPDO, you can use the RCVPDO job found in the CBPDO RIMLIB data set as well as any service, HOLDDATA, or preventive service planning (PSP) information included on the CBPDO tape. For more information, refer to the *MVS CBPDO Memo to User Extension* included with the CBPDO.

This release of SDF II MVS is installed using the SMP/E RECEIVE, APPLY, and ACCEPT commands.

6.1 Installing SDF II R4 if a previous release is already installed

If you have customized your SDF II MVS Release 3, you need to customize SDF II MVS Release 4 in a similar way. This applies to:

- The SDF II invocation routine, SDF2INV (alias of DGIIXINV) using the new customization dialog **DGIIXIN1**
- Any print utility skeletons that have been adapted
- The device table
- Any translations that have been done with the translation dialogs of **SDF2C**
- Any customized panels or messages
- The uppercase/lowercase translation tables

The definition of the ISPF profile in the invocation routine has changed. Please refer to *Screen Definition Facility II Administrator's Guide,* Chapter 2. “Adapting the SDF II installation”.

6.2 Installation Steps

To install SDF II MVS use SMP/E Release 7, minimum service level 20. The following list summarizes the steps required to install SDF II MVS and may serve as a checklist. Each step is described in detail later in this chapter.

Step 1: Create the SDF II MVS Release 4 JCL library

Step 2: Create the SMP/E cataloged procedure DGIJPROC

Step 3: Allocate SMP/E data sets

Step 4: Allocate SDF II MVS Release 4 distribution and target libraries

Step 5: Initialize SMP/E data sets

Step 6: Create SMP/E DDDEF Entries

Step 7: Perform SMP/E RECEIVE processing for Base, MFS feature, and NLS feature(s)

Step 8: Perform SMP/E APPLY processing for Base, MFS feature, and NLS feature(s)

Step 9: Run the post-apply job DGIUCLIN (if you are migrating from SDF II Release 1 or SDF II Release 2)

Step 10: Modify the invocation routine

Step 11: Allocate and define object libraries for SDF II MVS Release 4

If SDF II MVS Release 3 is installed on your system, you can omit step 10

Step 12: Verify the installation

Step 13: Install SDF II MVS Release 4 in the link pack area (optional)

Step 14: Perform SMP/E ACCEPT processing for Base, MFS feature, and NLS feature(s)

6.3 Step 1—Creating the SDF II MVS Release 4 JCL Library

This step retrieves all the sample JCL required to install SDF II MVS Release 4. You should create a job similar to the one shown in Figure 36 on page 32.

To complete this step:

1. Create a model job stream as shown in Figure 36.
2. Add a JOB statement appropriate for your installation.
3. Change the symbolic parameter VOLID on the last EXEC statement.
4. Change the other symbolic parameters on the PROC statement, if needed.
5. Run the job (expected return code is zero).

The SDF II MVS Release 4 JCL library (SDF2.V1R4M0.CNTL) created in this step contains prototype JCL for all FMIDs.

```
//COPY    PROC HLQ='SDF2.V1R4M0',
//             OUT='*',
//             TAPE=3480,
//             UNIT=SYSDA,
//             VOLID=
//*
//IEBCOPY EXEC PGM=IEBCOPY
//SYSPRINT DD  SYSOUT=&OUT
//SYSUT1   DD  DSN=IBM.HEF1140.F2,DISP=(OLD,KEEP),
//             VOL=SER=EF1140,UNIT=(&TAPE,,DEFER),LABEL=(3,SL)
//SYSUT2   DD  DSN=&HLQ..CNTL,DISP=(NEW,CATLG,DELETE),
//             VOL=SER=&VOLID,UNIT=&UNIT,
//             SPACE=(6160,(42,14,4)),
//             DCB=(RECFM=FB,LRECL=80,BLKSIZE=6160)
//SYSIN    DD  DUMMY
//        PEND
//*
//SDFII   EXEC COPY,VOLID=XXXXXX
```

Figure 36. Copy Component JCL from SDF II MVS Release 4 Distribution Tape

6.4 Step 2—Creating the SMP/E cataloged Procedure DGIJPROC

All SDF II MVS Release 4 installation jobs that run SMP/E use a JCL procedure. The procedure can be either a cataloged procedure (in a system procedure library) or an in-stream procedure.

A prototype SMP/E procedure is contained in the SDF II MVS Release 4 JCL library created in step 1 (SDF2.V1R4M0.CNTL). You can use this procedure to install SDF II MVS Release 4, or you can use your own SMP/E procedure.

To complete this step:

1. Edit DGIJPROC in the SDF II MVS Release 4 JCL library (SDF2.V1R4M0.CNTL).
2. Change the values of the symbolic parameters as required. In particular, the value of the symbolic parameter VOLID must be entered to specify the volume serial number of the DASD volume upon which SMP/E temporary places the RELFILES during the install process.
3. Remove the asterisk **(*)** from column 3 on the DD statements for the distribution and target libraries of each feature (FMID) you are installing. Each set of DD statements is proceeded by a comment identifying the FMID to which the libraries belong.
4. If you intend to use DGIJPROC as an in-stream procedure, add a PEND statement at the end of the procedure.
5. Save the updated procedure.
6. If you intend to use DGIJPROC as a cataloged procedure, copy the saved procedure to your procedure library.

6.5 Step 3—Allocating SMP/E Data Sets

Important Note

The Modification Control Statements (MCS) for SDF II MVS Release 4 delete the previous releases of SDF II MVS during the APPLY step. If you want to retain previous releases, you need to install SDF II MVS Release 4 using different SMP/E data sets.

Perform step 3 only if you are installing SDF II MVS Release 4 for the first time or if you want to retain previous releases of SDF II MVS.

6.5.1 Allocate the SMP/E CSI data set

To prepare and execute job DGIJALS1:

1. Edit the member DGIJALS1 in the SDF II MVS Release 4 JCL library (SDF2.V1R4M0.CNTL).
2. Change the JOB statement where needed.
3. Change the data set name in the DELETE, DEFINE CLUSTER, DATA, and INDEX statements, if needed.
4. Change the VOLUMES parameter in the DEFINE CLUSTER statement.
5. Run the job (expected return code is zero).
6. Verify that the data set is allocated correctly.

6.5.2 Allocate Remaining SMP/E Data Sets

To prepare and execute job DGIJALS2:

1. Edit member DGIJALS2 in the SDF II MVS Release 4 JCL library (SDF2.V1R4M0.CNTL).
2. Change the JOB statement, as appropriate for your installation.
3. If the space allocated for any data set is not sufficient, change it here.
4. Update the symbolic parameter VOLID on the EXEC statement.
5. If you want to use a high-level qualifier other than SDF2.V1R4M0, then you need to:
   - Change the symbolic parameter HLQ on the PROC statement.
6. If you have changed the symbolic parameter HLQ on the PROC statement, you must change the data set names in the VSAM.SYSIN input stream (in the DELETE statement).
7. Run the job (expected return code is zero).
8. Verify that all data sets were allocated correctly.

6.6 Step 4—Allocating SDF II MVS Release 4 Distribution and Target Libraries

Important Note

Perform step 4 only if you are installing SDF II MVS Release 4 for the first time or if you want to retain previous releases of SDF II MVS.

To prepare and execute job DGIJALLC:

1. Edit member DGIJALLC in the SDF II MVS Release 4 JCL library (SDF2.V1R4M0.CNTL).

   The job consists of two in-stream procedures:

   - In-stream procedure BASE to allocate the base and the MFS feature distribution and target libraries
   - In-stream procedure NLFA to allocate the National Language feature distribution and target libraries.
2. Change the JOB statement, as appropriate for your installation.
3. If you want to use a high-level qualifier other than SDF2.V1R4M0, then you need to:
   - Change the HLQ parameters on both in-stream procedures
4. Remove the asterisk (*) from column 3 on the EXEC statement of the feature (FMID) you want to allocate distribution and target libraries. The NLS LANG=xx feature suffixes are described in Figure 37 on page 36.
5. Change the symbolic parameter VOLID on the EXEC statement.
6. Change the other symbolic parameters on the PROC statement, if needed.
7. Run the job (expected return code is zero).
8. Verify that all data sets were allocated correctly.

6.7 Step 5—Initializing SMP/E Data Sets

Important Note

Perform step 5 only if you are installing SDF II MVS Release 4 for the first time or if you want to retain previous releases of SDF II MVS.

To prepare and execute job DGIJINSM:

1. Edit DGIJINSM in the SDF II MVS Release 4 JCL library (SDF2.V1R4M0.CNTL).

   The job consists of one in-stream procedure:

- DGISMPE to initialize the SMP/E Global-, Target-, and Distribution zones.

2. Change the JOB statement, as appropriate for your installation.
3. If you want to use a high-level qualifier other than SDF2.V1R4M0, then you need to:
   - Change the HLQ symbolic parameter in in-stream procedure DGISMPE
   - Change the high-level qualifier SDF2.V1R4M0 in member DGIDDFSM before executing the in-stream procedure DGISMPE.
   - Change the DSPREFIX entry (SDF2.V1R4M0) in member DGIDDFSM, if needed.
4. Run the job

   The expected return code can be:
   - zero, if using an existing SMP/E CSI data set
   - four, if using a new SMP/E CSI data set

   Return code four is expected and does not indicate an error.

6.8 Step 6—Create SMP/E DDDEF Entries

To prepare and execute job DGIJINDD:

1. Edit DGIJINDD in the SDF II MVS JCL library (SDF2.V1R4M0.CNTL).

   The job consists of one in-stream procedure:
   - DGISMPE to replace SMP/E DDDEF entries for the target- and distribution libraries.
2. Change the JOB statement, as appropriate for your installation.
3. If you want to use a high-level qualifier other than SDF2.V1R4M0, then you need to:
   - Change the symbolic parameter HLQ in in-stream procedure DGISMPE
   - Remove the asterisk **(*)** from column 3 of each EXEC statement you will selecting.
   - Change the high-level qualifier SDF2.V1R4M0 on each DGIDDFxx member you will selecting when executing the in-stream procedure DGISMPE (the corresponding **xx** feature suffixes are listed in Figure 37 on page 36).
4. Run the job

   The expected return code can be:
   - zero, if using an existing SMP/E CSI data set
   - four, if using a new SMP/E CSI data set

   Return code four is expected and does not indicate an error.

6.9 Step 7—SMP/E RECEIVE Processing

When installing multiple features of SDF II MVS Release 4, you can receive them in any order.

There are several ways to call SMP/E:

- Use the SMP/E dialogs.
- Submit the background job DGIJRCxx that calls GIMSMP, the program name for SMP/E. (The corresponding **xx** feature suffixes are listed in Figure 37):

To prepare and execute job DGIJRCxx

1. Edit DGIJRCxx in the SDF II MVS Release 4 JCL library (SDF2.V1R4M0.CNTL).
2. Change the JOB statement, as appropriate for your installation.
3. Add the appropriate tape mount SETUP information to this job. (The SETUP card might vary depending on whether JES2 or JES3 is used in your installation.)
4. If you intend to use DGIJPROC as an in-stream procedure, copy it into DGIJRCxx before the EXEC statement.
5. If you are not using a 3480 tape drive, modify the UNIT parameter on the SMPPTFIN DD statement.
6. Run the job (expected return code is zero).
7. Repeat job DGIJRCxx for each FMID you are installing.

Figure 37. FMIDs and Volume Serial Numbers of the Tapes

Product	**Volser**	**FMID**	**Feature suffix (*xx*)**
BASE	EF1140	HEF1140	BA
MFS feature	EF1141	JEF1141	MF
German NLS	EF1142	JEF1142	DU
Japanese NLS	EF1143	JEF1143	JN
Spanish NLS	EF1144	JEF1144	EP
Swiss German NLS	EF1145	JEF1145	DS
US-English NLS	EF1146	JEF1146	EU

6.10 Step 8—SMP/E APPLY Processing

When installing multiple features of SDF II MVS Release 4, you should apply the base, the MFS feature, and any required national language features at the same time. Alternatively, you could apply the base feature first, then the MFS feature, and then the national language features.

There are several ways to call SMP/E:

- Use the SMP/E dialogs.
- Submit the background job DGIJAPxx that calls GIMSMP, the program name for SMP/E (the corresponding **xx** feature suffixes are listed in Figure 37 on page 36).

To prepare and execute job DGIJAPxx:

1. Edit DGIJAPxx in the SDF II MVS Release 4 JCL library (SDF2.V1R4M0.CNTL).
2. Change the JOB statement, as appropriate for your installation.
3. If you intend to use DGIJPROC, as an in-stream procedure, copy it into DGIJAPxx before the EXEC statement.
4. Run the job (expected return code is zero).
5. Repeat job DGIJAPxx for each FMID you are installing.

6.11 Step 9—Running the Post-APPLY Job DGIUCLIN

Important Note

Perform step 9 only if you are migrating from SDF II Release 2 or SDF II Release 3.

This job has to be run after the apply of SDF II MVS Release 4.

STEP1 removes the SDF II LMOD entries from module ISPLINK. This step is only required when ISPF and SDF II Release 2 or SDF II Release 3 where installed in the same target zone.

STEP2 deletes the SYSLIB entries of the previous Releases of SDF II in the LMOD entries.

6.12 Step 10—Adapting the Invocation Environment

Two routines are used to call SDF II. Their names are DGIIXSDF, and DGIIXSFC. SMP/E defines the following aliases:

SDF2 For all definition, generation, and utility dialogs.

SDF2C For the customization dialogs: the device table editor, the translation dialogs, and the emphasis class table definition. This routine should be accessible only by the system programmer.

Both routines call the routine SDF2INV (alias of DGIIXINV), which contains the necessary TSO ALLOC statements and ISPF LIBDEF statements for the ISPF libraries and for the SDF II libraries. The SDF2, SDF2C, and SDF2INV routines are REXX EXECs

You may want to adapt the invocation routine SDF2INV to suit your needs.

Important Note

The invocation routine **DGIIXINV** with it's alias **SDF2INV** must be generated and adapted using the customization routine **DGIIXIN1**. The invocation routine **DGIIXINV** itself must not be changed manually.

For more information about generating and adapting the invocation routine refer to *Screen Definition Facility II Administrator's Guide,* Chapter 2. “Adapting the SDF II installation”.

6.12.1 Make the Invocation Routines accessible

- If you have TSO/E Version 2, you can use the REXX EXECs instead. These EXECs are contained in the data set SDF2.V1R4M0.SDGICMD.

  To be able to access the invocation REXX EXECs, either:

  – Add SDF2.V1R4M0.SDGICMD to the ALLOC statement of SYSPROC in your logon procedure or copy the EXECs to a data set allocated to SYSPROC, or
  – Allocate SDF2.V1R4M0.SDGICMD to SYSEXEC in your logon procedure and make it available either to all users by means of the parameter NOLOADDD in IRXTSPRM or, for each specific user, by means of the command EXECUTIL SEARCHDD(YES).

  For more information refer to *TSO/E Version 2 REXX Reference*.

  Note: The parameters of the REXX invocation EXECs are different than those for the old CLISTs, they are explained in the EXECs. For compatibility reasons, the SDF2INV EXEC accepts also parameters in the old CLIST syntax.

6.12.2 Make ISPLINK accessible

Make sure that ISPLINK is in a system library which is in the search sequence for an MVS load. This is necessary because ISPLINK is not linked into SDF II load modules but dynamically loaded during execution.

6.13 Step 11—Allocate and define Libraries for SDF II Objects and generated Output

The objects created by SDF II are stored in partitioned data sets. Before you can use SDF II, you have to allocate these libraries.

Each user who wants to use these libraries must specify them in the Specify Libraries dialog.

SDF II uses up to five types of objects depending on the target system. Figure 38 shows which object types can be created for each target system.

Figure 38. SDF II Object Types

Object type	Name	IMS/MFS	CICS/BMS	GDDM-IMD	CSP/AD	ISPF
Panel	DGIPNL	yes	yes	yes	yes	yes
Panel group	DGIGRP	-	yes	yes	yes	-
Partition set	DGIPST	yes	yes	-	-	-
AID table	DGITBL	yes	-	yes	-	-
Operator control table	DGIOCT	yes	-	-	-	-

For each object library, you need to allocate up to five partitioned data sets, according to the object types your installation needs. These data sets need to be named *project.group.objecttype*, where *project* and *group* can be chosen freely and *objecttype* must be a name selected from the list of object types. *project* is typically either SDF2 or a user ID.

Allocate the data sets with record format FB and record size 80.

To allocate the data sets, do the following:

- Use the data set utility of ISPF/PDF (option **3.2**).

6.14 Step 12—Verifying the SDF II MVS Release 4 Installation

To verify that all installation steps have been completed successfully, invoke SDF II and select dialogs. If any of the following verification procedures fail, check your installation and customization for possible errors.

The following commands are used in SDF II:

sdf2 To call the main dialogs
sdf2c To call the customization dialogs.

The **sdf2c** command should be available only to the system programmer.

6.14.1.1 Call the Main Dialogs

1. Enter the **sdf2** command; when the copyright panel is displayed, press the Enter key and this panel is displayed:

```
 Exit  Help
-----------------------------------------------------------------
                        SELECT AN SDF II FUNCTION

1   PANEL EDITOR          Create or edit a panel
2   PANEL GROUP EDITOR    Create or edit a panel group
3   PARTITION SET EDITOR  Create or edit a partition set
4   AID TABLE EDITOR      Create or edit an AID table
5   CONTROL TABLE EDITOR  Create or edit a control table
6   GENERATE              Generate control block source and data
                          structure
7   LIST OBJECTS          List objects in the library
8   SPECIFY LIBRARIES     Access libraries
9   UTILITIES             Print, Import, Convert, Construct,
                          Extract, and Modify Objects
10  PROFILE               Modify editing defaults
11  SDF II PROTOTYPE      Define and run a prototype
13  PRINT REFERENCE       Print the online reference
R   REFERENCE             Obtain SDF II online reference
X   EXIT                  Terminate SDF II dialog

Use PFSHOW ON/OFF to show/hide program function key assignment

Option ===>
```

Figure 39. Select a SDF II Function Panel

2. Now enter option **1** to call the panel editor. The Identify Panel panel is displayed.
3. Press the Enter key. A short message is now displayed in the upper right corner of the screen.
4. Press the Help key (PF1) and a long message is displayed at the bottom of the screen.
5. Press the Help key (PF1) again and a HELP panel with information for the message is displayed.
6. Press the Enter key to display the online reference.
7. Press the End key (PF3) to return to the Identify Panel panel.
8. Leave the Panel Editor by entering the **cancel** command.
9. Leave SDF II by entering **x**.

6.14.1.2 Call the Customization Dialogs:

1. Enter the **sdf2c** command; when the copyright panel is displayed, press the Enter key and this panel is displayed:

```
 Exit  Help
---------------------------------------------------------------
                SELECT SDF II CUSTOMIZATION DIALOG

1   DEVICE TABLE         Add or modify device characteristics

2   TRANSLATION          Translate commands, keywords, and
                         column headings

3   EMPHASIS CLASSES     Specify emphasis classes

4   CUA ATTRIBUTES       Edit CUA panel element attributes

R   REFERENCE            Obtain SDF II online reference

X   EXIT                 Terminate SDF II dialog

Option ===>
```

Figure 40. Select SDF II Customization Dialog Panel

2. Now enter option **1** to call the device table editor. The Define Devices panel will be displayed.
3. Leave the Define Devices panel by using the **cancel** command.
4. Leave SDF II by entering **x.**

If any of the previous verifications failed, check your installation and customization for possible errors.

6.15 Step 13—Install SDF II MVS Release 4 in the Link Pack Area (optional)

To improve the performance of SDF II, you may move modules to the pageable link pack area. Use the sample job DGIUMOD1 to move those modules that you use most often from SDF2.V1R4M0.SDGILMD to the LPA library SDF2.V1R4M0.SDGILPA.

You must add the SDGILPA library to the LPALST*xx*.

Any maintenance to these libraries is then done automatically by SMP/E.

To make these changes available, re-start the system.

Figure 41 lists all the SDF II load modules of the BASE, together with a short description.

Figure 41 (Page 1 of 2). SDF II Load Module Description for BASE

Load module	Description
DGIAP00	AID table editor

Figure 41 (Page 2 of 2). SDF II Load Module Description for BASE

Load module	Description
DGIBP00	Operator control table editor
DGICP00	Generation
DGIGP00	Panel group editor
DGIIPII	Invocation Interface
DGIIPTR	Trace routine
DGIIP00	Invocation
DGIKP10	Device table editor
DGIKP21	National language translation
DGIKP30	Emphasis class table definition
DGIKP40	CUA* element table definition
DGILP10	Specify libraries
DGILP50	Copy an object
DGILP60	Delete an object
DGIOP00	List objects
DGIPP00	Panel editor
DGIRP10	Profile editor target system
DGIRP20	Profile editor defaults
DGIRP50	Print utility defaults
DGISP00	Partition set editor
DGIUP10	Print utility
DGIUP20	Migration utility
DGIUP30	Conversion utility
DGIUP40	Print online reference utility
DGIUP50	Panel construction utility
DGIUP60	Panel modification utility
DGIUP65	Panel extraction utility
DGIVP20	Customize windows permanently
DGIWP00	Prototype facility

Figure 42 lists the increased sizes of the SDF II load modules for the BASE plus the MFS Feature. The modules that are not listed in Figure 42 are the same size as for the BASE.

Figure 42. SDF II Load Module Description for BASE plus MFS Feature

Load module	Description
DGICP00	Generation
DGIUP20	Migration utility

6.16 Step 14—SMP/E ACCEPT Processing

When installing multiple features of SDF II MVS Release 4, you should accept the base, the MFS feature, and any required national language feature(s) at the same time. Alternatively, you could accept the base feature first, then the MFS feature, and then the national language feature(s).

There are several ways to call SMP/E:

- Use the SMP/E dialogs.
- Submit the background job DGIJACxx that calls GIMSMP. the program name for SMP/E (the corresponding **xx** feature suffixes are listed in Figure 37 on page 36).

To prepare and execute job DGIJACxx:

1. Edit DGIJACxx in the SDF II MVS Release 4 JCL library (SDF2.V1R4M0.CNTL).
2. Change the JOB statement, as appropriate for your installation.
3. If you intend to use DGIJPROC as an in-stream procedure, copy it into DGIJACxx before the EXEC statement.
4. Run the job (expected return code is zero).
5. Repeat job DGIJACxx for each FMID you are installing.

Appendix A. SDF II MVS Install Logic

This is the System Modification Program install logic for SDF II MVS:

A.1 SDF II MVS Base

```
++FUNCTION(HEF1140) FESN(6536601) REWORK(1995081 )
 RFDSNPFX(IBM)               /* TIME=14.57.15   DATE=03/23/95 */
 FILES(6)
 /*************************************************/
 /* LICENSED MATERIALS - PROPERTY OF IBM          */
 /* 5665-366 (C) COPYRIGHT IBM CORP. 1987, 1995   */
 /* ALL RIGHTS RESERVED                           */
 /*                                               */
 /* U.S. Government Users Restricted Rights -     */
 /* Use, duplication or disclosure restricted by  */
 /* GSA ADP Schedule Contract with IBM Corp.      */
 /*************************************************/
 .
++VER(Z038)
   DELETE(HEF1102,HEF1120,HEF1130)
   .
++JCLIN                  RELFILE(1)  .
```

A.2 SDF II MVS US-English Feature

```
++FUNCTION(JEF1146) FESN(6536601) REWORK(1995081 )
 RFDSNPFX(IBM)               /* TIME=17.34.04   DATE=03/22/95 */
 FILES(6)
 /*************************************************/
 /* LICENSED MATERIALS - PROPERTY OF IBM          */
 /* 5665-366 (C) COPYRIGHT IBM CORP. 1987, 1995   */
 /* ALL RIGHTS RESERVED                           */
 /*                                               */
 /* U.S. Government Users Restricted Rights -     */
 /* Use, duplication or disclosure restricted by  */
 /* GSA ADP Schedule Contract with IBM Corp.      */
 /*************************************************/
 .
++VER(Z038) FMID(HEF1140)
   .
```

A.3 SDF II MVS MFS Feature

```
++FUNCTION(JEF1141) FESN(6536601) REWORK(1995081 )
 RFDSNPFX(IBM)               /* TIME=18.08.03   DATE=03/22/95 */
 FILES(3)
 /*************************************************/
 /* LICENSED MATERIALS - PROPERTY OF IBM          */
 /* 5665-366 (C) COPYRIGHT IBM CORP. 1987, 1995   */
 /* ALL RIGHTS RESERVED                           */
 /*                                               */
 /* U.S. Government Users Restricted Rights -     */
 /* Use, duplication or disclosure restricted by  */
 /* GSA ADP Schedule Contract with IBM Corp.      */
 /*************************************************/
 .
++VER(Z038) FMID(HEF1140)
   .
++JCLIN                   RELFILE(1)  .
```

A.4 SDF II MVS German Feature

```
++FUNCTION(JEF1142) FESN(6536601) REWORK(1996213 )
 RFDSNPFX(IBM)           /* TIME=13.38.23   DATE=07/31/96 */
 FILES(6)
 /*************************************************/
 /* LICENSED MATERIALS - PROPERTY OF IBM          */
 /* 5665-366 (C) COPYRIGHT IBM CORP. 1987, 1996   */
 /* ALL RIGHTS RESERVED                           */
 /*                                               */
 /* U.S. Government Users Restricted Rights -     */
 /* Use, duplication or disclosure restricted by  */
 /* GSA ADP Schedule Contract with IBM Corp.      */
 /*************************************************/
 .
++VER(Z038) FMID(HEF1140)
 .
```

A.5 SDF II MVS Swiss German Feature

```
++FUNCTION(JEF1145) FESN(6536601) REWORK(1996213 )
 RFDSNPFX(IBM)           /* TIME=13.45.28   DATE=07/31/96 */
 FILES(6)
 /*************************************************/
 /* LICENSED MATERIALS - PROPERTY OF IBM          */
 /* 5665-366 (C) COPYRIGHT IBM CORP. 1987, 1996   */
 /* ALL RIGHTS RESERVED                           */
 /*                                               */
 /* U.S. Government Users Restricted Rights -     */
 /* Use, duplication or disclosure restricted by  */
 /* GSA ADP Schedule Contract with IBM Corp.      */
 /*************************************************/
 .
++VER(Z038) FMID(HEF1140)
 .
```

A.6 SDF II MVS Japanese Feature

```
++FUNCTION(JEF1143) FESN(6536601) REWORK(1995240 )
 RFDSNPFX(IBM)           /* TIME=17.45.31   DATE=08/29/95 */
 FILES(6)
 /*************************************************/
 /* LICENSED MATERIALS - PROPERTY OF IBM          */
 /* 5665-366 (C) COPYRIGHT IBM CORP. 1987, 1995   */
 /* ALL RIGHTS RESERVED                           */
 /*                                               */
 /* U.S. Government Users Restricted Rights -     */
 /* Use, duplication or disclosure restricted by  */
 /* GSA ADP Schedule Contract with IBM Corp.      */
 /*************************************************/
 .
++VER(Z038) FMID(HEF1140)
 .
```

A.7 SDF II MVS Spanish Feature

```
++FUNCTION(JEF1144) FESN(6536601) REWORK(1996093 )
 RFDSNPFX(IBM)           /* TIME=17.23.35   DATE=04/02/96 */
 FILES(6)
 /*************************************************/
 /* LICENSED MATERIALS - PROPERTY OF IBM          */
 /* 5665-366 (C) COPYRIGHT IBM CORP. 1987, 1996   */
 /* ALL RIGHTS RESERVED                           */
 /*                                               */
 /* U.S. Government Users Restricted Rights -     */
 /* Use, duplication or disclosure restricted by  */
 /* GSA ADP Schedule Contract with IBM Corp.      */
 /*************************************************/
 .
++VER(Z038) FMID(HEF1140)
  PRE(UN81213,UN81248,UN81279,
      UN82635,UN82708,UN85826,
      UN87146,UN87329,UN89183)
   .
```

If you ordered SDF II MVS as an individual product (not in CBIPO or CBPDO), then the entire set of SMP/E modification control statements for the installation can be obtained by printing the first file of the SDF II MVS program tape or cartridge.

Reader's Comments

Program Directory for Screen Definition Facility II MVS Release 04.00

You may use this form to comment about this document, its organization, or subject matter with the understanding that IBM may use or distribute whatever information you supply in any way it believes appropriate without incurring any obligation to you.

For each of the topics below please indicate your satisfaction level by circling your choice from the rating scale. If a statement does not apply, please circle N.

RATING SCALE

```
  very                                very          not
satisfied  <====================>  dissatisfied  applicable
   1        2        3        4         5            N
```

	Satisfaction					
Ease of product installation	1	2	3	4	5	N
Contents of program directory	1	2	3	4	5	N
Installation Verification Programs	1	2	3	4	5	N
Time to install the product	1	2	3	4	5	N
Readability and organization of program directory tasks	1	2	3	4	5	N
Necessity of all installation tasks	1	2	3	4	5	N
Accuracy of the definition of the installation tasks	1	2	3	4	5	N
Technical level of the installation tasks	1	2	3	4	5	N
Ease of getting the system into production after installation	1	2	3	4	5	N

Did you order this product as part of a package, or as an independent product?

___ CBIPO
___ CBPDO
___ Independent
___ Other

Is this the first time your organization has installed this product?

___ Yes
___ No

Were the people who did the installation experienced with the installation of MVS products?

___ Yes
___ No

If yes, how many years? __

If you have any comments to make about your ratings above, or any other aspect of the product installation, please list them below:

_____
_____
_____
_____
_____
_____
_____
_____
_____
_____
_____
_____

Please provide the following contact information:

_____
Name and Job Title
_____
Organization
_____

_____
Address
_____
Telephone

Thank you for your participation.

Please send the completed form to (or give to your IBM representative who will forward it to the Screen Definition Facility II MVS Development group):

IBM Corporation
Reader Comments
DTX/E269
555 Bailey Avenue
San Jose, CA 95141-1003
U.S.A.

Program Number: 5665-366 6230, 6231, 6275,
6248, 6249, 6276,
6233, 6234, 6270,
6236, 6237, 6274,
6239, 6240, 6272,
6242, 6243, 6273

Printed in Denmark

GI11-1628-00