



**Program Directory for
DB2 UDB for OS/390
DB2 Performance Monitor
Volume 2 of 6**

Version 6

Program Number 5645-DB2

FMIDs H0G9610, J0G961E, J0G961J, J0G961X

for Use with
OS/390

CBPDO Level SMC0014
Service Level 0003

Document Date: May 2000

Note!

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

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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.

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1.0 Introduction

This program directory is intended for system programmers responsible for program installation and maintenance. It contains information concerning the material and procedures associated with the installation of **DB2 Workstation Analysis & Tuning** and **DB2 Performance Monitor** for DB2 UDB for OS/390. This publication refers to DB2 Workstation Analysis & Tuning and DB2 Performance Monitor as DB2 PM for OS/390 Version 6. You should read all of it before installing the program, and then keep it for future reference.

With the delivery of DB2 UDB for OS/390, additional features and their product-specific materials and Program Directories are included. See Figure 1 for a complete list of program directory volumes of the server features available.

This program directory is volume 2 of 6. To fully install all of the features that comprise the DB2 UDB for OS/390 Version 6, read each product Program Directory carefully.

The additional features included with this delivery of DB2 UDB for OS/390 may be installed and used on a trial basis (also known as a **Try and Buy** basis) for 90 days from the date of installation of the feature.

These optional, priced features are shipped with DB2 UDB for OS/390 so that you can install and test them to discover the value they bring to your DB2. A full-use license for each of the priced features may be obtained by ordering the appropriate billing feature number and media feature number, labeled as "Buy", for the optional priced feature, as indicated in the announcement letter for DB2 UDB for OS/390.

Also available as non-priced optional features are DB2 Management Tools Package and Net.Data.

<i>Figure 1. DB2 UDB Server for OS/390 Program Directory Set</i>	
Program Directory Title	Volume in Set
IBM Database 2 Universal Database Server for OS/390 Version 6	1 of 6
DB2 UDB for OS/390 Version 6 DB2 Performance Monitor	2 of 6
DB2 UDB for OS/390 Version 6 Query Management Facility	3 of 6
DB2 UDB for OS/390 Version 6 Query Management Facility High Performance Option	4 of 6
DB2 UDB for OS/390 Version 6 DB2 Administration Tool	5 of 6
DB2 UDB for OS/390 Version 6 DB2 Buffer Pool Tool	6 of 6

The program directory contains the following sections:

- 2.0, "Program Materials" on page 4 identifies the basic and optional program materials and documentation for DB2 PM for OS/390.
- 3.0, "Program Support" on page 8 describes the IBM support available for DB2 PM for OS/390.

Introduction

- 4.0, “Program and Service Level Information” on page 10 lists the APARs (program level) and PTFs (service level) incorporated into DB2 PM for OS/390.
- 5.0, “Installation Requirements and Considerations” on page 11 identifies the resources and considerations for installing and using DB2 PM for OS/390.
- 6.0, “Installation Instructions for Try and Buy” on page 19 provides detailed installation instruction for DB2 PM for OS/390.
- Appendix A, “DB2 PM for OS/390 Install Logic” on page 38 provides the install logic for DB2 PM for OS/390.
- Appendix B, “Installation Work Sheet (DGOJBPAR)” on page 40 provides a useful worksheet for the installation and preparation for DB2 PM for OS/390.
- Appendix C, “Included PTFs for DB2 PM” on page 42 provides a list of PTFs that have been integrated into the DB2 PM for OS/390 service update.

Before installing, read 3.2, “Preventive Service Planning” on page 8. 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 DB2 or DB2 PM for OS/390 with an MVS Custom-Built Installation Process Offering (CBIPO), System Pac, or Server Pac. When using these offerings, use the jobs and documentation supplied with the offering. This documentation may point you to specific sections of the program directory as required.

If you are installing DB2 PM for OS/390 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 are included on the CBPDO tape.

1.1 DB2 PM for OS/390 Version 6 Description

What is DB2 Performance Monitor (DB2 PM) ?

The DB2 Performance Monitor enables you to monitor, analyze, and optimize the performance of DB2 UDB for OS/390 Version 6 and its subsystems. It includes an online monitor to provide an immediate “snap-shot” view of DB2 for OS/390 activities and to allow for exception processing while the system is operational. In addition, it offers a history facility to view events that happened both recently and in a more distant past, a wide variety of customizable reports for an in-depth performance analysis, and an EXPLAIN function to analyze and optimize Structured Query Language (SQL) statements.

Enhancements to DB2 Performance Monitor for Version 6 include:

- Comprehensive support of all DB2 V6 changes

The DB2 Performance Monitor supports all instrumentation, catalog and PLAN_TABLE changes, that are introduced in DB2 V6. With DB2 PM, you can rely on a timely and comprehensive support of performance evaluation and analysis.

The DB2 Performance Monitor is the right solution for you, even if you have an environment of multiple DB2 releases. Ensuring protection of your investment, DB2 PM fully supports instrumentation, catalog, and PLAN_TABLE data from:

- DB2 UDB for OS/390 Version 6 (5645-DB2)
- DB2 for OS/390 Version 5 (5655-DB2)
- DB2 for MVS/ESA Version 4 (5695-DB2)

1.2 DB2 PM for OS/390 Version 6 FMIDs

DB2 PM for OS/390 Version 6 consists of the following FMIDs:

- H0G9610 DB2 Workstation Analysis & Tuning & DB2 PM for OS/390 Version 6 - **Try**
- J0G961E DB2 PM English
- J0G961J DB2 PM Kanji
- J0G961X DB2 PM for OS/390 Version 6 - **Buy**

Program Materials

2.0 Program Materials

An IBM program is identified by a program number and a feature number. The program number for DB2 UDB for OS/390 is 5645-DB2.

Basic Machine-Readable Materials are materials that are supplied under the base license and feature code, and are required for the use of the product. Optional Machine-Readable Materials are orderable under separate feature codes, and are not required for the product to function.

The program announcement material describes the features supported by DB2 UDB for OS/390. Ask your IBM marketing 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 9-track magnetic tape (written at 6250 BPI), 3480 cartridge, or 4-mm cartridge. The tape or cartridge contains all the programs and data needed for installation. It is installed using SMP/E, and is in SMP/E RELFILE format. See 6.0, "Installation Instructions for Try and Buy" on page 19 for more information on how to install the program.

Figure 2 describes the tape or cartridge for DB2 PM for OS/390 Version 6 - **Try**. Figure 3 on page 5 describes the file content of the program tape or cartridge for the DB2 PM for OS/390 Version 6 - **Try**.

Figure 4 on page 5 describes the tape or cartridge for DB2 PM for OS/390 Version 6 - **Buy**. Figure 5 on page 5 describes the file content of the program tape or cartridge for the DB2 PM for OS/390 Version 6 - **Buy**.

Note: If you are installing DB2 PM for OS/390 using the MVS Custom-Build Product Delivery Offering (CBPDO) (5751-CS3), some of the information in these figures may not be valid. Consult the CBPDO documentation for actual values.

2.1.1 DB2 PM for OS/390 - Try

Medium	Feature Number	Physical Volume	External Label Identification	VOLSER
6250 Tape	5821	1	SMC0014 DB2PM Try	0G9610
3480 cart.	5822	1	SMC0014 DB2PM Try	0G9610
4-mm cart.	6270	1	SMC0014 DB2PM Try	0G9610

Program Materials

Figure 3. Program Tape: File Content - Try

VOLSER	File	Name	Dist Library	RECFM	LRECL	BLK SIZE
0G9610	1	SMPMCS	n/a	FB	80	6400
	2	IBM.H0G9610.F1	JCLIN	FB	80	8800
	3	IBM.H0G9610.F2	ADGODATA	VB	9072	9076
	4	IBM.H0G9610.F3	ADGODBRM	FB	80	8800
	5	IBM.H0G9610.F4	ADGOEXEC	FB	80	8800
	6	IBM.H0G9610.F5	ADGOFORM	FB	400	6000
	7	IBM.H0G9610.F6	ADGOINS0	FB	80	8800
	8	IBM.H0G9610.F7	ADGOMOD0	U	0	6144
	9	IBM.H0G9610.F8	ADGOSAMP	FB	80	8800
	10	IBM.H0G9610.F9	ADGOSLIB	FB	80	8800
	11	IBM.H0G9610.F10	ADGOSRC	FB	80	8800
	12	IBM.H0G9610.F11	ADGOWS01	VB	256	6233
	13	IBM.J0G961E.F1	ADGOMENU	FB	80	8800
	14	IBM.J0G961E.F2	ADGOPENU	FB	80	8800
	15	IBM.J0G961E.F3	ADGOTENU	FB	80	8800
	16	IBM.J0G961J.F1	ADGOMJPN	FB	80	8800
	17	IBM.J0G961J.F2	ADGOPJPN	FB	80	8800
	18	IBM.J0G961J.F3	ADGOTJPN	FB	80	8800

2.1.2 DB2 PM for OS/390 - Buy

Figure 4. Basic Material: Program Tape - Buy

Medium	Feature Number	Physical Volume	External Label Identification	VOLSER
6250 Tape	5831	1	DB2PM BUY	0G961X
3480 cart.	5832	1	DB2PM BUY	0G961X
4-mm cart.	6280	1	DB2PM BUY	0G961X

Figure 5 (Page 1 of 2). Program Tape: File Content - Buy

VOLSER	File	Name	Dist Library	RECFM	LRECL	BLK SIZE
0G961X	1	SMPMCS	n/a	FB	80	6160

Program Materials

Figure 5 (Page 2 of 2). Program Tape: File Content - Buy

VOLSER	File	Name	Dist Library	RECFM	LRECL	BLK SIZE
	2	IBM.J0G961X.F1	JCLIN	FB	80	8800
	3	IBM.J0G961X.F2	ADGOMOD1	U	0	6144

2.2 Optional Machine-Readable Material

No optional machine-readable materials are provided for DB2 PM for OS/390.

2.3 Program Publications

The following sections identify the basic and optional publications for DB2 PM for OS/390 Version 6.

2.3.1 Basic Program Publications

Figure 6 identifies the basic program publications for DB2 PM for OS/390 Version 6. One copy of each of these publications is included when you order the basic materials for DB2 UDB for OS/390. For additional copies, contact your IBM representative.

Figure 6. Basic Material: Unlicensed Publications

Publication Title	Form Number
DB2 PM for OS/390 Version 6 Report Reference Vol. 1	SC26-9164
DB2 PM for OS/390 Version 6 Report Reference Vol. 2	SC26-9165
DB2 PM for OS/390 Version 6 Command Reference	SC26-9166
DB2 PM for OS/390 Version 6 Batch User's Guide	SC26-9167
DB2 PM for OS/390 Version 6 Online Monitor User's Guide	SC26-9168
DB2 PM for OS/390 Version 6 Messages	SC26-9169
DB2 PM for OS/390 Version 6 Using the Workstation Online Monitor	SC26-9170
DB2 PM for OS/390 Version 6 Installing and Customization	SC26-9171

Figure 7 identifies the basic licensed program publications for DB2 UDB for OS/390 Version 6 including DB2 PM for OS/390 Version 6.

<i>Figure 7. Basic Material: Licensed Publications</i>	
Publication Title	Form Number
DB2 UDB Server for OS/390 Version 6 Online and PDF Library CD	SK3T-3518

2.4 Publications Useful during Installation

The publications listed in Figure 8 may be useful during the installation of DB2 PM for OS/390. To order copies, contact your IBM representative.

<i>Figure 8. Publications Useful during Installation</i>	
Publication Title	Order/Form Number
<i>OS/390 SMP/E User's Guide</i>	SC28-1740
<i>OS/390 SMP/E Commands</i>	SC28-1805
<i>OS/390 SMP/E Reference</i>	SC28-1806
<i>DB2 UDB for OS/390 Version 6 Command Reference</i>	SC26-9006
<i>DB2 UDB for OS/390 Version 6 Messages and Codes</i>	GC26-9011
<i>DB2 UDB for OS/390 Version 6 SQL Reference</i>	SC26-9014
<i>MVS/ESA SP V5 Initialization and Tuning Reference</i>	SC28-1452

Program Support

3.0 Program Support

This section describes the IBM support available for DB2 PM for OS/390 Version 6.

3.1 Program Services

Contact your IBM marketing representative or system engineer (SE) for specific information about available program services.

3.2 Preventive Service Planning

If you obtained DB2 PM for OS/390 Version 6 in a CBPDO, there is HOLDDATA AND PSP information for DB2 PM for OS/390 Version 6 on the CBPDO tape.

However, before installing DB2 PM for OS/390 Version 6 you should also check with your IBM Support Center or use either Information/Access or IBMLink(ServiceLink) to see whether there is any additional Preventive Service Planning (PSP) information which you should be aware of.

To obtain this information specify the following UPGRADE and SUBSET values:

Figure 9. PSP Upgrade and Subset ID

UPGRADE	SUBSET	Description
DB2610	H0G9610/0014	DB2 Performance Monitor Try
DB2610	J0G961E/0014	DB2 PM English
DB2610	J0G961J/0014	DB2 PM Kanji
DB2610	J0G961X	DB2 Performance Monitor Buy

If you obtained DB2 PM for OS/390 Version 6 individually from IBM Software Distribution, then, before installing DB2 PM for OS/390 Version 6 you should also check with your IBM Support Center or use either Information/Access or IBMLink(ServiceLink) to see whether there is any additional PSP information which you should be aware of.

NOTE: The PSP SUBSET name reflects the Function Module Identifier (FMID) that was updated and the corresponding CBPDO weekly service tape that was used to supply the integrated PTFS. (Example; FMID/YYWW, where YY is the year and WW is the week of the CBPDO weekly service tape.).

The CBPDO weekly Service tape is the Service Level Indicator for any products updated by the Software Manufacturing Center (SMC) processes. If you wish to determine the latest level of PUT maintenance installed in this product, please refer to the 'Program and Service Level Information' section of this program directory.

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 where any required documentation can be obtained.

Figure 10 on page 9 identifies the Component IDs (COMP IDs) for DB2 PM for OS/390 Version 6.

<i>Figure 10. Component IDs</i>			
FMID	COMPID	Component Name	RETAIN Release
H0G9610	565510200	DB2PM & WS ANL/TUN TRY	610
J0G961E	565510200	DB2PM ENGLISH NLV	61E
J0G961J	565510200	DB2PM JAPANESE NLV	61J
J0G961X	565510200	DB2PM BUY	61X

Program and Service Level Information

4.0 Program and Service Level Information

This section identifies the program and service levels of DB2 PM for OS/390 Version 6. 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

Refer to the PSP (Preventive Service Planning) Facility for APAR information for DB2 PM for OS/390 Version 6.

4.2 Service Level Information

The following product has been updated to a new service level by Software Manufacturing.

Product: DB2 PM for OS/390 Version 6

Date: APRIL, 2000

The program FMID(s) have been updated to a new service level and have been assigned a new SOURCEID.

Figure 11. New SOURCEID

FMID(s)	SOURCEID
H0G9610	SMC0014
J0G961E	SMC0014
J0G961J	SMC0014

DB2 PM for OS/390 Version 6 service update is at service level 0003 which includes the maintenance APAR/PTFs listed in Appendix C, "Included PTFs for DB2 PM" on page 42.

4.3 Cumulative Service Tape

A cumulative service tape, containing PTFs not incorporated into this release, might be included with this program. Installation instructions for cumulative service tapes can be found in the SMP/E publications.

If you received this product as part of a CBPDO or a ProductPac, PTFs not incorporated into this release are provided on the tape, and a separate cumulative service tape will not be provided.

5.0 Installation Requirements and Considerations

The following sections identify the system requirements for installing and activating DB2 PM for OS/390 Version 6. The following terminology is used:

- Driving system: the system used to install the program.
- Target system: the system on which the program is installed.

In many cases, the same system can be used as both a driving system and a target system. However, you may want to set up a clone of your system to use as a target system by making a separate IPL-able copy of the running system. The clone should 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.

Some cases where two systems should be used include the following:

- When installing a new level of a product that is already installed, the new product deletes the old one. By installing onto a separate target system, you can test the new product while still keeping the old one in production.
- When installing a product that shares libraries or load modules with other products, the installation can disrupt the other products. Installing onto a test system or clone allows you to 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 DB2 PM for OS/390 Version 6. The driving system can run in any hardware environment that supports the required software.

5.1.1 Machine Requirements

For the host-based Online Monitor:

- DB2 Workstation Analysis & Tuning and DB2 PM for OS/390 Version 6 require any processor that meets the minimum requirements for the supported operating system.
- The DB2 PM for OS/390 Version 6 interactive functions, such as the Host Online Monitor, also require a display station that is supported by the Interactive System Productivity Facility (ISPF).
- The host-based graphics facility requires an IBM color graphics display station, or equivalent, that is selected by the Graphical Data Display Manager (GDDM).

For the workstation-based Online Monitor:

- A high resolution monitor
- A workstation with OS/2 Warp 4 or Windows NT 4.0
- Approximately 20 MB of hard disk space

Installation Requirements

5.1.2 Programming Requirements

Figure 12. Driving System Software Requirements

Program Number	Product Name and Minimum VRM/Service Level
5668-949	System Modification Program/Extended (SMP/E) Release 1.8.1
5645-001	OS/390 System Modification Program/Extended (SMP/E) Version 1.1 or
5647-A01	OS/390 System Modification Program/Extended (SMP/E) Version 2

5.1.2.1 Required Toleration PTFs In order to avoid syntax errors on the DESCRIPTION operand, introduced with OS/390 Version 2 Release 7, during the SMP/E installation of DB2 PM for OS/390 Version 6, you are required to install one of the following:

Toleration PTFs

- OS/390 Version 1 Release 3 and Version 2 Release 4:
 - PTF UR51067
- OS/390 Version 2 Release 5 and Release 6:
 - PTF UR51068

5.2 Target System Requirements

This section describes the environment of the target system required to install and use DB2 PM for OS/390 Version 6.

5.2.1 Machine Requirements

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

5.2.2 Programming Requisites

5.2.2.1 Minimum Requisites: A minimum requisite is defined as one of the following:

1. *Installation Requisite:* A product that is required at installation time. i.e. this product **will not install** successfully unless this requisite is met. This includes products that are specified as REQs, PREs, or CALLLIBs.
2. *Run Time Requisite:* A product that is **not** required for the successful installation of this product, but **is** needed at run time in order for this product to work.

Figure 13. Minimum Requisites

Program Number	Product Name and Minimum VRM/Service Level	Install Req?
5645-001	APPC server facility provided with the OS/390 Version 1 Release 3	Yes
Any one of the following:		
5695-DB2	IBM Database 2 for MVS/ESA Version 4 Release 1 and its prerequisite products	Yes
5655-DB2	IBM Database 2 Server for OS/390 Version 5 Release 1 and its prerequisite products	Yes
5645-DB2	IBM Database 2 Server for OS/390 Version 6 Release 1 and its prerequisite products	Yes

5.2.2.2 Functional Requisites: A functional requisite is defined as a product that is *not* required for the successful installation of this product or for the base function of the product, but *is* needed at run time for a specific function of this product to work. This includes products that are specified as IF REQs.

There are no functional requisites for DB2 PM for OS/390.

5.2.2.3 Toleration/Coexistence Requisites: A toleration/coexistence requisite is defined as a product which must be present on a sharing system. 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 at different time intervals.

There are no functional requisites for DB2 PM for OS/390.

5.2.2.4 Incompatibility (Negative) Requisites: A negative requisite identifies products which must *not* be installed on the same system as this product.

There are no functional requisites for DB2 PM for OS/390.

5.2.2.5 Optional Program Products: Following are the optional program products for use with DB2 PM for OS/390. Unless otherwise specified, the release shown for a product and any follow-on release, currently available, is acceptable.

5.2.2.5.1 Operational Support:

- DFSMS, a feature of OS/390 Version 1 Release 3

5.2.2.5.2 Graphics Operation:

- GDDM Presentation Graphics Feature (GDDM/PGF), a feature of OS/390 Version 1 Release 3

5.2.2.5.3 Query Support:

- Query Management Facility (QMF), a feature of DB2 UDB for OS/390 Version 6

Installation Requirements

5.3 DASD Storage Requirements

DB2 PM for OS/390 Version 6 libraries can reside on 3380 and 3390 DASD.

Figure 14 on page 14 lists the total space required for each type of library.

Library Type	Total Space Required
Target	80 cylinders
Distribution	65 cylinders

Notes:

1. The data set size contains 15% extra space. You may wish to revise these numbers based on your additional function or service.
2. IBM recommends the use of system-determined block size for efficient DASD utilization for all non-RECFM U data sets. For RECFM U data sets, IBM recommends a block size of 32 760, which is the most efficient from a performance and DASD utilization perspective.

If you choose not to use system determined block size, use the block size and numbers of blocks specified to allocate the data sets. Data sets can be reblocked to a larger size. Note that the maximum allowable block size depends on the type of DASD on which the data set resides: for example, the block size of data sets on a 3350 DASD cannot exceed 19 069.

3. Abbreviations used for the data set type are:

- U** Unique data set used by only the FMIDs listed. In order to determine the correct storage needed for this data set, this table provides all required information; no other tables (or program directories) need to be referenced for the data set size.
- S** Shared data set used by more than the FMIDs listed. In order to determine the correct storage needed for this data set, the storage size given in this table needs to be added to 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 deletes the old one and reclaims the space used by the old release and any service that had been installed. You can determine whether or not 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.

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Figure 15. Storage Requirements for SMP/E Work Data Sets

Library DDNAME	T Y P E	D S R G	R E C F M	L R E C L	No. of Blks	BLK SIZE	No. of 3380/ 9345 Trks	No. of 3390 Trks	No. of DIR Blks
SMPWRK1	S	PO	--	--	--	--	165	150	250
SMPWRK2	S	PO	--	--	--	--	165	150	250
SMPWRK3	S	PO	--	--	--	--	165	150	250
SMPWRK4	S	PO	--	--	--	--	165	150	250
SMPWRK6	S	PO	--	--	--	--	165	150	300
SYSUT1	U	PS	--	--	--	--	85	75	--
SYSUT2	U	PS	--	--	--	--	85	75	--
SYSUT3	U	PS	--	--	--	--	85	75	--
SYSUT4	U	PS	--	--	--	--	85	75	--

The following table provides an estimate of the storage needed in the SMP/E data sets for DB2 PM for OS/390 Version 6. The estimates must be added to those of any other programs and service being installed to determine the total additional storage requirements.

Figure 16. Storage Requirements for SMP/E Data Sets

Library DDNAME	T Y P E	D S R G	R E C F M	L R E C L	No. of Blks	BLK SIZE	No. of 3380/ 9345 Trks	No. of 3390 Trks	No. of DIR Blks
SMPLOG	S	PS	U	510	600	9076	110	120	
SMPLTS	S	PO	U	0	2100	6144	250	265	30
SMPMTS	S	PO	FB	80	500	8800	80	100	100
SMPPTS	S	PO	FB	80	1000	8800	400	450	500
SMPSCDS	S	PO	FB	80	20	8800	3	4	27
SMPSTS	S	PO	FB	80	20	8800	3	4	5

The following figures list the target and distribution libraries (data sets) and their attributes required to install DB2 PM for OS/390 Version 6 - **Try**. The storage requirements of DB2 PM for OS/390 Version 6 must be added to the storage required by other programs having data in the same data set (library).

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Figure 17. Storage Requirements for DB2 PM - Try Target Libraries

Library DDNAME	T Y P E	D S R G	R E C F M	L R E C L	No. of Blks	BLK SIZE	No. of 3380/ 9345 Trks	No. of 3390 Trks	No. of DIR Blks
SDGODATA	S	PO	VB	9072	20	9076	2	2	5
SDGODBRM	S	PO	FB	80	70	0	10	10	10
SDGOEXEC	S	PO	FB	80	310	0	45	40	10
SDGOFORM	S	PO	FB	400	10	6000	2	2	5
SDGOINS0	S	PO	FB	80	100	0	20	15	21
SDGOLINK	S	PO	U	0	20	32760	2	2	5
SDGOLOAD	S	PO	U	0	3000	32760	500	460	30
SDGOSAMP	S	PO	FB	80	200	0	45	40	20
SDGOSLIB	S	PO	FB	80	20	0	5	5	5
SDGOSRC	S	PO	FB	80	20	0	2	2	5
SDGOWS01	S	PO	VB	256	3500	6233	275	255	30

Figure 18. Storage Requirements for DB2 PM - Try Distribution Libraries

Library DDNAME	T Y P E	D S R G	R E C F M	L R E C L	No. of Blks	BLK SIZE	No. of 3380/ 9345 Trks	No. of 3390 Trks	No. of DIR Blks
ADGODATA	S	PO	VB	9072	20	9076	2	2	5
ADGODBRM	S	PO	FB	80	70	0	10	10	10
ADGOEXEC	S	PO	FB	80	310	0	45	40	10
ADGOFORM	S	PO	FB	400	10	6000	2	2	5
ADGOINS0	S	PO	FB	80	100	0	20	15	21
ADGOMOD0	S	PO	U	0	2500	32760	280	250	210
ADGOSAMP	S	PO	FB	80	200	0	45	40	20
ADGOSLIB	S	PO	FB	80	20	0	5	5	5
ADGOSRC	S	PO	FB	80	20	0	2	2	5
ADGOWS01	S	PO	VB	256	3500	6233	275	255	30

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Figure 19. Storage Requirements for DB2 PM English Target Libraries

Library DDNAME	T Y P E	D S R O G	R E C F M	L R E C L	No. of Blks	BLK SIZE	No. of 3380/ 9345 Trks	No. of 3390 Trks	No. of DIR Blks
SDGOMENU	S	PO	FB	80	45	0	10	7	8
SDGOPENU	S	PO	FB	80	1920	0	250	220	175
SDGOTENU	S	PO	FB	80	95	0	12	10	5

Figure 20. Storage Requirements for DB2 PM English Distribution Libraries

Library DDNAME	T Y P E	D S R O G	R E C F M	L R E C L	No. of Blks	BLK SIZE	No. of 3380/ 9345 Trks	No. of 3390 Trks	No. of DIR Blks
ADGOMENU	S	PO	FB	80	45	0	10	7	8
ADGOPENU	S	PO	FB	80	1920	0	250	220	175
ADGOTENU	S	PO	FB	80	95	0	12	10	5

Figure 21. Storage Requirements for DB2 PM Kanji Target Libraries

Library DDNAME	T Y P E	D S R O G	R E C F M	L R E C L	No. of Blks	BLK SIZE	No. of 3380/ 9345 Trks	No. of 3390 Trks	No. of DIR Blks
SDGOMJPN	S	PO	FB	80	45	0	10	7	8
SDGOPJPN	S	PO	FB	80	1920	0	250	220	175
SDGOTJPN	S	PO	FB	80	95	0	12	10	5

Figure 22. Storage Requirements for DB2 PM Kanji Distribution Libraries

Library DDNAME	T Y P E	D S R O G	R E C F M	L R E C L	No. of Blks	BLK SIZE	No. of 3380/ 9345 Trks	No. of 3390 Trks	No. of DIR Blks
ADGOMJPN	S	PO	FB	80	45	0	10	7	8
ADGOPJPN	S	PO	FB	80	1920	0	250	220	175
ADGOTJPN	S	PO	FB	80	95	0	12	10	5

Installation Requirements

The following figures list the distribution libraries (data sets) and their attributes required to install DB2 PM for OS/390 Version 6 - **Buy**. The storage requirements of DB2 PM for OS/390 Version 6 must be added to the storage required by other programs having data in the same data set (library).

<i>Figure 23. Storage Requirements for DB2 PM - Buy Distribution Libraries</i>									
Library DDNAME	T Y P E	D S R G	R E C F M	L R E C L	No. of Blks	BLK SIZE	No. of 3380/ 9345 Trks	No. of 3390 Trks	No. of DIR Blks
ADGOMOD1	S	PO	U	0	248	32760	2	2	5

5.4 FMIDs Deleted

Installing DB2 PM for OS/390 Version 6 - Try will result in the deletion of the following FMIDs:

<i>Figure 24. FMIDs Deleted</i>		
Deleted FMID	Deleting FMID	Description
H0G9510	H0G9610	DB2 PM for OS/390 - Try
J0G951E	H0G9610	English Panels
J0G951J	H0G9610	Kanij Panels
J0G951X	H0G9610	DB2 PM for OS/390 - Buy

5.5 Special Considerations

DB2 PM for OS/390 Version 6 has no special considerations for the target system.

6.0 Installation Instructions for Try and Buy

This chapter describes the installation method and lists the phases to install the functions of DB2 PM for OS/390 Version 6.

To use the DB2 Installer feature to install DB2 PM for OS/390, see the instructions in the README.TXT file on the "DB2 UDB for OS/390 Version 6 Workstation Solutions: DB2 Installer" CD-ROM.

Please note the following:

- If you want to install DB2 Performance Monitor 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.
- The job DGOJB1SM (optional) is generated in the data set *DGO.V6R1M0.SDGOINS1*. This job is provided to help perform some or all of the installation tasks. The SMP/E jobs assume that all DDDEF entries required for SMP/E execution have been defined in the appropriate zones.
- The SMP/E dialogs may be used instead of the sample jobs to accomplish the SMP/E installation steps.

The installation tool SMP/E-ITool supports all tasks to install the product to the customer environment. The SMP/E-ITool is supplied together with DB2 PM for OS/390 Version 6, and customizes all parts needed to run the SMP/E installation.

The SMP/E-ITool is unloaded from the distribution tape or cartridge to a data set named *DGO.V6R1M0.CNTL* using an IEBCOPY job. The high-level qualifier(s) recommended for DB2 PM is *DGO.V6R1M0*. It can be replaced by a qualifier of your choice.

The SMP/E-ITool samples are:

- DGOJBGEN** A job to customize the SMP/E installation jobs for DB2 PM Try
- DGOJNGEN** A job to customize the SMP/E installation jobs for DB2 PM Buy and NLS
- DGOJBREX** A REXX EXEC called by DGOJBGEN and DGOJNGEN
- DGOJBPAR** A Parameter file containing your parameters for SMP/E installation

Together with the ITOOL, several jobs are unloaded to the *DGO.V6R1M0.CNTL* data set. They are used by the SMP/E-ITool to build the installation jobs for the SMP/E installation.

When the ITOOL is started, it uses the parameter file DGOJBPAR, and job templates as input. First, the ITOOL checks all parameters for validity and consistency. If the parameter are correct, the ITOOL customizes, depending on the installation parameters, certain sample jobs from the *DGO.V6R1M0.CNTL* data set using ISPF file tailoring.

The customized installation jobs and the parameter file DGOJBPAR are written to the output data set *DGO.V6R1M0.SDGOINS1*, because all following invocations of any one of the ITOOL jobs always use the

Installation Instructions

parameter file from the *DGO.V6R1M0.SDGOINS1* data set. If the *DGO.V6R1M0.SDGOINS1* data set does not exist, it is created.

For the SMP/E installation, the SMP/E-ITool writes a protocol of all parameters and, if found, error and warning messages to the data set *DGO.V6R1M0.SDGOINS1*. The member name is *PROTBASE* for the DB2 PM Try installation and *PROTFEAT* for the DB2 PM Buy installation.

6.1 Installing DB2 Workstation Analysis & Tuning & DB2 PM Try

6.1.1 SMP/E Considerations for Installing Try

This release of DB2 PM Try is installed using the SMP/E *RECEIVE*, *APPLY*, and *ACCEPT* commands. The SMP/E dialogs can be used to accomplish the SMP/E installation steps.

6.1.2 SMP/E Environment Try

All SMP/E installation jobs provided assume that all necessary DD statements for the execution of SMP/E are defined using DDDEFs.

Jobs are generated in the data set *DGO.V6R1M0.SDGOINS1* to assist you in installing DB2 PM Try. The jobs are:

DGOJB1SM	<Optional> Job to create the CSI and allocate the SMP/e control data sets for your DB2 PM installation
DGOJB2AL	Job to allocate target and distribution libraries
DGOJB3ZO	Job to create SMP/E DDDEFs
DGOJB4RE	RECEIVE job
DGOJB5AP	APPLY CHECK and APPLY job
DGOJB6AC	ACCEPT CHECK and ACCEPT job

6.1.3 SMP/E Options Subentry Values Try

The recommended values for some SMP/E CSI subentries are shown in Figure 25. Use of values lower than these may result in failures in the installation process. *DSSPACE* is a subentry in the *GLOBAL* options entry. *PEMAX* is a subentry of the *GENERAL* entry in the *GLOBAL* options entry. Refer to the SMP/E manuals for instructions on updating the global zone.

<i>Figure 25. SMP/E Options Subentry Values</i>		
SUB-ENTRY	Value	Comment
DSSPACE	200,200,600	3390 DASD Tracks
PEMAX	9999	The SMP/E default is larger than what can be specified here

6.1.4 SMP/E CALLLIBS Processing

DB2 PM for OS/390 Version 6 uses the CALLLIBS function provided in SMP/E Release 8 to resolve external references during installation. When DB2 PM for OS/390 Version 6 is installed, ensure the following:

- Verify that the SMP/E SMPLTS data set has been allocated. Refer to *SMP/E Reference* for information on allocating the SMPLTS data set.

Note: For DB2 PM for OS/390 Version 6, two cylinders of 3380/3390 DASD space is adequate for the SMPLTS.

- Provide DDDEFs for the following libraries:
 - CSSLIB

See 6.1.8, “Create DDDEF Entries - Try” on page 23 for a sample job to define these DDDEFs.

Note: The DDDEFs above are used only to resolve the link-edit for DB2 PM for OS/390 Version 6 using CALLLIBS. These data sets are not updated during the installation of DB2 PM for OS/390 Version 6.

6.1.5 Unload Sample JCL (ITool) from the Product Tape Try

Sample installation jobs are provided on the distribution tape to help you install DB2 PM for OS/390 Version 6. The following sample JCL copies the DB2 PM for OS/390 Version 6 jobs from the tape. Add a job card and modify the parameters in bold-faced to uppercase values to meet your site's requirements before submitting.

```
//STEP1 EXEC PGM=IEBCOPY
//SYSPRINT DD SYSOUT=A
//IN DD DSN=IBM.H0G9610.F6,UNIT=tunit,VOL=SER=0G9610,
// LABEL=(7,SL),DISP=(OLD,KEEP)
//OUT DD DSNAME=DGO.V6R1M0.CNTL,
// DISP=(NEW,CATLG,DELETE),
// VOL=SER=dasdvol,UNIT=dunit,
// DCB=*.STEP1.IN,SPACE=(8800,(160,15,10))
//SYSUT3 DD UNIT=SYSDA,SPACE=(CYL,(1,1))
//SYSIN DD *
COPY INDD=IN,OUTDD=OUT
/*
```

where **tunit** is the unit value matching the product tape or cartridge, **DGO.V6R1M0** is the name of the data set where the sample jobs are to reside, it must be the same name as the one that you specify later for the DB2PMHLQ parameter in the DGOJBPAR member. The low-level qualifier 'CNTL' is mandatory in the DGO.V6R1M0.CNTL data set name, **dasdvol** is the volume serial of the DASD device where the data set is to reside, and **dunit** is the DASD unit type of the volume.

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6.1.6 Running the SMP/E-ITool

Update the installation parameter file **DGOJBP** in data set *DGO.V6R1M0.CNTL*, according to the specifications in the SMP/E installation work sheet (refer to 6.5, “How to Fill the Installation Work Sheet” on page 29 and Appendix B, “Installation Work Sheet (DGOJBP)” on page 40). Each entry in the work sheet corresponds to a parameter definition line parameter file.

Syntax Rules for Parameter File DGOJBP

The following syntax rules apply when you edit the parameter file:

- Use uppercase characters.
- You can insert comment lines, which must start with `--*`

For example, specify the following:

```
--*insert comments
```

- Do not delete any parameter lines.

During the first SMP/E installation of DB2 PM for OS/390 Version 6, the installation of DB2 PM Try FMID H0G9610 is mandatory. You can select additional FMIDs for this first run by setting the corresponding parameter in member DGOJBP to YES.

Figure 26. Selectable FMIDs

Name	FMID	Installation Parameter
DB2 Workstation Analysis & Tuning & DB2 PM Try	H0G9610	INSTBASE=YES
DB2 PM English	J0G961E	INSTENU=YES
DB2 PM Japanese (Kanji)	J0G961J	INSTJPN=YES
DB2 PM Buy	J0G961X	INSTOPT=YES

To perform a test run of the SMP/E-ITool, specify `DRYRUN=YES`, in which case only parameter checking occurs without generating the installation jobs.

Update the SMP/E-ITool job DGOJBGEN in data set *DGO.V6R1M0.CNTL*. The job card and certain data set names have to be adapted, as described in the job prologue.

Submit the SMP/E-ITool job DGOJBGEN. Check member `PROTBASE` in data set *DGO.V6R1M0.SDGOINS1*. Make sure that all the parameter values are those that are needed for your specific environment. If parameter checking produces errors, correct the problem and resubmit the SMP/E-ITool job DGOJBGEN again.

Set parameter `DRYRUN` to `NO` and submit the SMP/E-ITool job DGOJBGEN again. Now the job generates the following members in the *DGO.V6R1M0.SDGOINS1* data set:

- Several jobs (members DGOJB1SM, DGOJB2AL, DGOJB3ZO, DGOJB4RE, DGOJB5AP, and DGOJB6AC) to perform the DB2 PM Try SMP/E installation.
- The SMP/E-ITool protocol (PROTBASE).
- The SMP/E-ITool installation parameter file (DGOJBPAR).
- The SMP/E-ITool job (DGOJNGEN), which is needed when you install DB2 PM Buy or NLS.
- Several jobs to perform the product follow-on installation.

Check the job output for successful completion: the job must end with completion code 0. Check for any error and warning messages at the bottom of the protocol.

If parameter checking produces errors, the SMP/E-ITool does not start job tailoring and installation jobs are generated. Correct the problem and resubmit the SMP/E-ITool job DGOJNGEN.

6.1.7 Allocate Distribution and Target Libraries - Try

Submit the job DGOJB2AL to allocate the SMP/E target and distribution libraries for DB2 PM for OS/390 Version 6.

Expected Return Codes and Messages: This job should complete with a return code of 0.

6.1.8 Create DDDEF Entries - Try

Submit the job DGOJB3ZO to define SMP/E DDDEFs for DB2 PM for OS/390 Version 6.

Expected Return Codes and Messages: This job should complete with a return code of 0.

6.1.9 Perform SMP/E RECEIVE - Try

Submit the job DGOJB4RE to perform the SMP/E RECEIVE for DB2 PM for OS/390 Version 6.

Note: If you obtained DB2 PM for OS/390 as part of a CBPDO, you can use the RCVPDO job found in the CBPDO RIMLIB data set to RECEIVE the DB2 PM for OS/390 FMIDs as well as any service, HOLDDATA, or preventive service planning (PSP) information included on the CBPDO tape. For more information, refer to the documentation included within the CBPDO.

Expected Return Codes and Messages: This job should complete with a return code 0.

If the SMP/E RECEIVE operation is run on an earlier level of OS/390 than Version 2 Release 7, you will receive a GIM50050I informational message.

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6.1.10 Perform SMP/E APPLY CHECK - Try

Submit the job DGOJB5AP to perform an SMP/E APPLY CHECK for DB2 PM for OS/390 Version 6.

Expected Return Codes and Messages: This job should complete with a return code 0.

6.1.11 Perform SMP/E APPLY - Try

Edit and submit the job DGOJB5AP to perform an SMP/E APPLY for DB2 PM for OS/390 Version 6. Refer to the instructions in the sample job.

Expected Return Codes and Messages: This job should complete with a return code 0 if you specify MVSLEVEL=APPC, or with return code 4 if you specify MVSLEVEL=NOAPPC, in the latter case, the binder links the object modules **without** the non-DB2PM modules (for example, ATBRFA2, ATBURA2, and so on). So, the linkage editor cannot resolve all external symbols and issues a warning (return code 4). No further action is required.

6.1.12 Perform SMP/E ACCEPT CHECK - Try

Submit job DGOJB6AC to perform an SMP/E ACCEPT CHECK for DB2 PM for OS/390.

Expected Return Codes and Messages: This job should complete with a return code 0.

6.1.13 Perform SMP/E ACCEPT - Try

Edit and submit job DGOJB6AC to perform an SMP/E ACCEPT for DB2 PM for OS/390. Refer to the instructions in the sample job.

The ACCJCLIN indicator in the distribution zone is set. This will cause, if you load new distribution libraries, entries produced from JCLIN to be saved in the distribution zone whenever a SYSMOD containing inline JCLIN is ACCEPTed. For more information on the ACCJCLIN indicator, see the description of inline JCLIN in the SMP/E manuals.

Expected Return Codes and Messages: This job should complete with a return code 0.

If PTFs containing replacement modules are being ACCEPTed, SMP/E ACCEPT processing will linkedit/bind the modules into the distribution libraries. During this processing, the Linkage Editor or Binder may issue messages documenting unresolved external references, resulting in a return code of 4 from the ACCEPT step. These messages can be ignored, because the distribution libraries are not executable and the unresolved external references will not affect the executable system libraries.

6.2 Installing DB2 PM Buy or English and Kanji Panel Libraries

This section describes how to install DB2 PM Buy or the English and Kanji panel libraries onto a DB2 PM Try installation.

6.2.1 SMP/E Considerations

This release of DB2 PM is installed using the SMP/E RECEIVE, APPLY, and ACCEPT commands. The SMP/E dialogs can be used to accomplish the SMP/E installation steps.

6.2.2 SMP/E Environment

All SMP/E installation jobs provided assume that all necessary DD statements for the execution of SMP/E are defined using DDDEFs.

Jobs are generated in the data set *DGO.V6R1M0.SDGOINS1* to assist you in installing DB2 PM. The jobs are:

DGOJx2AL	Job to allocate target and distribution libraries
DGOJx3ZO	Job to create SMP/E DDDEFs
DGOJx4RE	RECEIVE job
DGOJx5AP	APPLY CHECK and APPLY job
DGOJx6AC	ACCEPT CHECK and ACCEPT job

The x in the **job name** is the identifier for the FMIDs you are installing. Replace it as follows:

x = E	Jobs for DB2 PM English (FMID J0G961E)
x = J	Jobs for DB2 PM Japanese (FMID J0G961J)
x = O	Jobs for DB2 PM Buy (FMID J0G961X)

6.2.3 Running the SMP/E-ITool

Update the installation parameter file **DGOJBPAR** in data set *DGO.V6R1M0.CNTL*, according to the specifications in the SMP/E installation work sheet (refer to 6.5, “How to Fill the Installation Work Sheet” on page 29 and Appendix B, “Installation Work Sheet (DGOJBPAR)” on page 40). Each entry in the work sheet corresponds to a parameter definition line parameter file.

Select the FMID that you want to install additionally into your SMP/E environment. Set the installation parameter of the FMID to YES.

The FMIDs for installations are:

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Figure 27. Possible FMIDs

Name	FMID	Installation Parameter
DB2 PM English	J0G961E	INSTENU=YES
DB2 PM Japanese (Kanji)	J0G961J	INSTJPN=YES
DB2 PM Buy	J0G961X	INSTOPT=YES

Submit the SMP/E-ITool job DGOJNGEN from the *DGO.V6R1M0.SDGOINS1* data set. The job has already been generated during the DB2 PM Try installation.

This job generates the following members in the *DGO.V6R1M0.SDGOINS1* data set:

- Several jobs (DGOJx2AL, DGOJx3ZO, DGOJx4RE, DGOJx5AP, and DGOJx6AC) to perform the DB2 PM Buy or NLS SMP/E installation.
- The SMP/E-ITool protocol (member PROTFEAT).

Note: Jobs are only generated when you have set parameter DRYRUN=NO.

Check the job output for successful completion: the job must end with completion code 0.

In addition, check member PROTFEAT in data set *DGO.V6R1M0.SDGOINS1*. Make sure that all the parameter values are those needed for your specific environment. Check for any error and warning messages at the bottom of the protocol.

If parameter checking produces errors, the SMP/E-ITool does not start job tailoring and installation jobs are not generated. Correct the problem and resubmit the SMP/E-ITool job DGOJNGEN.

6.2.4 Allocate Distribution and Target Libraries

Submit the job DGOJx2AL to allocate the SMP/E target and distribution libraries.

Expected Return Codes and Messages: This job should complete with a return code of 0.

6.2.5 Create DDDEF Entries

Submit the job DGOJx3ZO to define SMP/E DDDEFs.

Expected Return Codes and Messages: This job should complete with a return code of 0.

6.2.6 Perform SMP/E RECEIVE

Submit the job DGOJx4RE to perform the SMP/E RECEIVE.

Expected Return Codes and Messages: This job should complete with a return code 0.

If the SMP/E RECEIVE operation is run on an earlier level of OS/390 than Version 2 Release 7, you will receive a GIM50050I informational message.

6.2.7 Perform SMP/E APPLY CHECK

Submit the job DGOJx5AP to perform an SMP/E APPLY CHECK.

Expected Return Codes and Messages: This job should complete with a return code 0.

6.2.8 Perform SMP/E APPLY

Edit and submit the job DGOJx5AP to perform an SMP/E APPLY. Refer to the instructions in the sample job.

Expected Return Codes and Messages: This job should complete with a return code 0.

6.2.9 Perform SMP/E ACCEPT CHECK

Submit the job DGOJx6AC to perform an SMP/E ACCEPT CHECK.

Expected Return Codes and Messages: This job should complete with a return code 0.

6.2.10 Perform SMP/E ACCEPT

Edit and submit the job DGOJx6AC to perform an SMP/E ACCEPT. Refer to the instructions in the sample job.

Expected Return Codes and Messages: This job should complete with a return code 0.

6.3 Installing Workstation Online Monitor

6.3.1 Download the Workstation Code

The details of installing the Workstation code for OS/2 and Windows NT are described in *DB2 PM for OS/390 Version 6 Using the Workstation Online Monitor*.

6.4 Activating DB2 Performance Monitor

The publication *DB2 PM for OS/390 Version 6 Installing and Customization, SC26-9171* contains the step-by-step procedures to activate the function of DB2 PM for OS/390 Version 6.

6.5 How to Fill the Installation Work Sheet

The work sheet in Appendix B, “Installation Work Sheet (DGOJBPARG)” on page 40 show the parameters needed together with the IBM suggested default value.

This chapter describes each parameter:

You find the name of the **PARAMETERS**, the IBM default, which is *underlined* together with alternative values. The values are separated by ‘ ’.

The parameter name is followed by a description of the parameter together with additional information, such as length and relationship to other parameters.

Fill the work sheet column “User Value” with the values you choose for each of the parameters.

6.6 Description of the Parameters in Parameter File DGOJBPARG

6.6.1 Installation Part Generation Parameters

DRYRUN = ‘YES’ | ‘NO’

Allows to run the ITOOL only for checking parameters, **no** parts are customized.

- **YES:** The installation tool only checks the installation parameters.
- **NO:** The installation tool checks the parameters and generate the installation jobs if no errors were encountered.

6.6.2 JOB-Specific Parameters

JOBLIN1 = ‘//*’ | ‘value’

JCL job information: First line of JOB card.

- **value:** The job information.
- Length of **value:** As defined in your JES installation.

JOBLIN2 = ‘//*’ | ‘value’

JCL job information: Second line of JOB card.

- **value:** The job information.
- Length of **value:** As defined in your JES installation.

JOBLIN3 = ‘//*’ | ‘value’

JCL job information: Third line of JOB card.

- **value:** The job information.
- Length of **value:** As defined in your JES installation.

Installation Instructions

JOBLIN4 = '//*' | 'value'

JCL job information: Fourth line of JOB card.

- **value**: The job information.
- Length of **value**: As defined in your JES installation.

JOBLIN5 = '//*' | 'value'

JCL job information: Fifth line of JOB card.

- **value**: The job information.
- Length of **value**: As defined in your JES installation.

JOBLIN6 = '//*' | 'value'

JCL job information: End of JOB card.

- **value**: The job information.
- Length of **value**: As defined in your JES installation.

JOBOUTC = '*' | 'value'

JCL job information: output class for SYSOUT data sets.

- **value**: The job output class you use.
- Length of **value**: As defined in your JES installation.

SMS = 'NO' | 'YES'

This indicates whether DFSMS (Storage Management Subsystem) is installed. If DFSMS is installed, no VOLSER and UNIT specification are generated in the installation jobs.

- **NO**: DFSMS is not installed.
- **YES**: DFSMS is installed. In this case you can specify the **STORCLASS** parameter.

STORCLAS = 'NONE' | 'value'

Parameter to specify a storage-class name for a new DFSMS-managed data set.

This parameter is applicable only if DFSMS is installed.

- **value**: The name or NONE.
- Length of **value**: 1 to 8.

TUNIT = '3480' | 'value'

This is the device type of the tape unit from which the distribution tape is unloaded during the installation.

- **value**: The tape device type you use.
- Length of **value**: 1 to 8.

WDSK = 'SYSALLDA' | 'value'

This is the UNIT parameter for the work disk.

This parameter is applicable only if DFSMS is **not** installed.

- **value**: The unit type you use.
- Length of **value**: 1 to 8.

6.6.3 Global Parameters

APPCLIB = 'SYS1.CSSLIB' | '*value*'

APPC/MVS link library data set name: contains the APPC modules. It is applicable only if the level of MVS you have installed supports APPC/MVS.

Only applicable for the Workstation Online Monitor on OS/2.

- **value:** The data set name in your installation.
- Length of **value:** 1 to 44.

ASSNAME = 'ASMA90' | '*value*'

Name of the Assembler used in your installation.

- **value:** The name in your installation.
- Length of **value:** 1 to 8.

BLKFB = 0 | *value*

This is the block size to be used when allocating data sets that have a *fixed block* record format.

- **value:** The block size you choose.
- Length of **value:** 1 to 5.

BLKU = 32760 | *value*

This is the block size to be used when allocating data sets that have an *undefined* record length.

- **value:** The block size you choose.
- Length of **value:** 1 to 5.

DB2PMLQ = 'DGO.V6R1M0' | '*value*'

The high-level qualifier(s) of the product libraries.

- **value:** The qualifier(s) you choose.
- Length of **value:** 1 to 35.

The following SMP/E data sets are allocated under these qualifiers:

- SMP/E distribution libraries: *DGO.V6R1M0.ADGOxxxx*
- SMP/E target libraries: *DGO.V6R1M0.SDGOxxxx*

INSTBASE = 'YES' | 'NO'

Installation indicator: Install DB2 PM Try (FMID = H0G9610).

- **YES:** DB2 PM Try is to be installed now.
- **NO:** DB2 PM Try is **not** to be installed now.

Note: If you want to install all FMIDs together with DB2 PM Try, you should specify INSTOPT = YES, and INSTENU = YES or INSTJPN = YES.

Installation Instructions

INSTENU = 'YES' | 'NO'

Installation indicator: Install DB2 PM English language (FMID = J0G961E).

- **YES:** DB2 PM English language is to be installed now.
- **NO:** DB2 PM English language is **not** to be installed now.

INSTJPN = 'NO' | 'YES'

Installation indicator: Install DB2 PM Japanese language (FMID = J0G961J).

- **NO:** DB2 PM Japanese language is **not** to be installed now.
- **YES:** DB2 PM Japanese language is to be installed now.

INSTOPT = 'YES' | 'NO'

Installation indicator: Install DB2 PM Buy (FMID = J0G961X).

- **YES:** DB2 PM Buy is to be installed now.
- **NO:** DB2 PM Buy is **not** to be installed now.

ISPMLIB = 'SYS1.ISPMLIB' | 'value'

This specifies the data set name of the ISPF message library.

- **value:** The data set name used in your installation.
- Length of **value:** 1 to 44.

ISPPLIB = 'SYS1.ISPPLIB' | 'value'

This specifies the data set name of the ISPF panel library.

- **value:** The data set name used in your installation.
- Length of **value:** 1 to 44.

ISPTLIB = 'SYS1.ISPTLIB' | 'value'

This specifies the data set name of the ISPF table library.

- **value:** The data set name used in your installation.
- Length of **value:** 1 to 44.

LKEDNAME = 'HEWLH096' | 'value'

Name of the Linkage Editor or Binder used in your installation.

- **value:** The name in your installation.
- Length of **value:** 1 to 8.

MVSLEVEL = 'NOAPPC' | 'APPC'

Indicator to specify whether your MVS level supports APPC/MVS.

- **NOAPPC:** The level of MVS you have installed does not support APPC/MVS.
- **APPC:** The level of MVS you have installed supports APPC/MVS. In this case you must also specify the **APPCLIB** parameter.

Notes:

1. This parameter is used to control the link-edit of the DB2 PM modules with the APPC/MVS interface module. APPC support is needed together with the Workstation Online Monitor for OS/2 and for DB2 Workstation Analysis & Tuning.
2. If you plan to use the Workstation Online Monitor for OS/2 or DB2 Workstation Analysis & Tuning, make sure that you are on the required MVS level, and specify MVSLEVEL = APPC for the APPC support.

6.6.4 SMP/E-Specific Parameters

CSIDISP = 'NEW' | 'OLD'

This indicator determines whether an existing global zone CSI data set is to be used, or a new CSI data set has to be allocated.

- **NEW:** A new CSI is to be allocated.
- **OLD:** An existing global zone CSI is to be used. The data set name of the existing global zone CSI you want to use is derived from the value of parameter GCSIHLQ, which is suffixed by CSI.

DCSIHLQ = 'DGO.V6R1M0' | 'value'

The high-level qualifier(s) of the CLUSTER name of the distribution zone CSI.

- **value:** The qualifier(s) you choose: Up to three single qualifiers are allowed.
- Length of **value:** 1 to 26.

Notes:

1. The data set name of the distribution zone CSI is derived from the value of parameter DCSIHLQ, which is suffixed by 'CSI'. For example, if you specify DB2PM.REL61.DLB for distribution zone CSI, then the installation job DGOJB1SM is generated, which contains:

1. The VSAM statement to delete the old CSI cluster:

```
DELETE (DB2PM.REL61.DLB.CSI)
```

2. The VSAM statement to allocate the new CSI cluster:

```
DEFINE CLUSTER(NAME(DB2PM.REL61.DLB.CSI) ... )
```

2. A distribution zone CSI data set allocated only if the data set name **differs** from the data set name you specified for your global zone CSI (see parameter GCSIHLQ below). If the two parameters are equal, no additional data set will be allocated for the distribution zone CSI, because it indicates that you want to share a **common** data set between global zone CSI and distribution zone CSI.

DCSIVOL = 'DGO001' | 'value'

The volume serial identifier of the disk on which the distribution zone CSI is to be allocated.

This parameter is applicable only if DFSMS is **not** installed.

- **value:** The volume you want to use.
- Length of **value:** 1 to 6.

Installation Instructions

DISTUNIT = 'SYSALLDA' | 'value'

The UNIT parameter for DISTVOL. This is the disk on which the distribution libraries (*DGO.V6R1M0.ADGOxxxx*) are loaded.

This parameter is applicable only if DFSMS is **not** installed.

- **value**: The unit type you use.
- Length of **value**: 1 to 8.

DISTVOL = 'DGO001' | 'value'

The volume serial identifier for the disk on which the distribution libraries (*DGO.V6R1M0.ADGOxxxx*) are loaded.

This parameter is applicable only if DFSMS is **not** installed.

- **value**: The volume you want to use.
- Length of **value**: 1 to 6.

DSPREFIX = 'DGO.V6R1M0' | 'value'

This specifies the data set prefix to be used to construct the full data set name when SMPTLIB data sets are being allocated for RELFILE tapes.

- **value**: The qualifier(s) you choose.
- Length of **value**: 1 to 26.

DZONE = 'DGOD610' | 'value'

The name of the DLIB zone to be used by SMP/E. This name must be unique for the global zone.

- **value**: The zone name you want to use.
- Length of **value**: 1 to 7.

GCSIHLQ = 'DGO.V6R1M0' | 'value'

The high-level qualifier(s) of the CLUSTER name of the global zone CSI.

- **value**: The qualifier(s) you choose: Up to three single qualifiers are allowed.
- Length of **value**: 1 to 26.

Notes:

1. The data set name of the global zone CSI is derived from the value of the parameter GCSIHLQ, and is suffixed by 'CSI'. For example, if you specify NEW for the parameter CSIDISP and DB2PM.REL61.GLOB for global zone 'CSI', then the installation job DGOJB1SM is generated, which contains:

1. The VSAM statement to delete the old CSI cluster:

```
DELETE (DB2PM.REL61.GLOB.CSI)
```

2. The VSAM statement to allocate the new CSI cluster:

```
DEFINE CLUSTER(NAME(DB2PM.REL61.GLOB.CSI) ... )
```

2. A new global zone CSI data set is allocated only if you specify NEW for the parameter CSIDISP. Otherwise, you should specify by the parameter GCSIHLQ the qualifier(s) of an existing global zone CSI data set you want to share with DB2 PM for OS/390.
3. If the three parameters
 - GCSIHLQ (global zone qualifiers)
 - DCSIHLQ (distribution zone qualifiers)
 - TCSIHLQ (target zone qualifiers)

are equal, and you specify CSIDISP = NEW, then you indicate that you want to share a **new common** data set between global zone CSI, distribution zone CSI, and target zone CSI. In this case, the installation job DGOJB1SM contains a single DELETE / DEFINE CLUSTER for this common data set.

If you want to put your distribution zone CSI and target zone CSI in data sets **different** from the global zone CSI, you can do this by specifying for parameters DCSIHLQ and TCSIHLQ values different from GCSIHLQ.

GCSIVOL = 'DGO001' | 'value'

This is the volume serial identifier of the volume on which the global zone CSI is to be allocated.

This parameter is applicable only if DFSMS is **not** installed.

- **value**: The volume you want to use.
- Length of **value**: 1 to 6.

RELFILES = 'AUTO' | 'PRE'

This parameter specifies whether SMP/E allocates the relfiles dynamically or if the first installation job (DGOJB1SM) makes a preallocation for all SMP/E relfiles.

- **AUTO**: The allocation of the SMP/E relfiles is done dynamically.
- **PRE**: A preallocation for all SMP/E relfiles is done by job DGOJB1SM.

RELUNIT = 'SYSALLDA' | 'value'

The UNIT parameter for RELVOL. This is the disk onto which SMP/E loads the RELFILE data sets.

This parameter is applicable only if DFSMS is **not** installed.

- **value**: The unit type you use.
- Length of **value**: 1 to 8.

RELVOL = 'DGO001' | 'value'

The volume serial identifier for the disk onto which SMP/E loads the RELFILE data sets.

This parameter is applicable only if DFSMS is **not** installed.

- **value**: The volume you want to use.
- Length of **value**: 1 to 6.

Installation Instructions

SMPUNIT = 'SYSALLDA' | 'value'

The UNIT parameter for SMPVOL, the disk that contains the permanent, non-VSAM SMP/E data sets.

This parameter is applicable only if DFSMS is **not** installed.

- **value**: The unit type you use.
- Length of **value**: 1 to 8.

SMPVOL = 'DGO001' | 'value'

This is the volume serial identifier of the disk that contains the permanent, non-VSAM SMP/E data sets.

This parameter is applicable only if DFSMS is **not** installed.

These permanent SMP/E data sets are:

DGO.V6R1M0.SMPLOG
DGO.V6R1M0.SMPLTS
DGO.V6R1M0.SMPMTS
DGO.V6R1M0.SMPPTS
DGO.V6R1M0.SMPSCDS
DGO.V6R1M0.SMPSTS

- **value**: The volume you want to use.
- Length of **value**: 1 to 6.

TARGUNIT = 'SYSALLDA' | 'value'

The UNIT parameter for TARGVOL. This is the disk that contains the target libraries (*DGO.V6R1M0.SDGOxxxx*).

This parameter is applicable only if DFSMS is **not** installed.

- **value**: The unit type you use.
- Length of **value**: 1 to 8.

TARGVOL = 'DGO001' | 'value'

The volume serial identifier for the disk that contains the target libraries (*DGO.V6R1M0.SDGOxxxx*).

This parameter is applicable only if DFSMS is **not** installed.

- **value**: The volume you want to use.
- Length of **value**: 1 to 6.

TCSIHLQ = 'DGO.V6R1M0' | 'value'

The high-level qualifier(s) of the cluster name of the target zone CSI.

- **value**: The qualifier(s) you choose: Up to three single qualifiers are allowed.
- Length of **value**: 1 to 26.

Notes:

1. The data set name of the target zone CSI is derived from the value of parameter TCSIHLQ, which is suffixed by 'CSI'. For example, if you specify DB2PM.REL61.TGT for target zone CSI, then the installation job DGOJB1SM is generated, which contains:

1. The VSAM statement to delete the old CSI cluster:

```
DELETE (DB2PM.REL61.TGT.CSI)
```

2. The VSAM statement to allocate the new CSI cluster:

```
DEFINE CLUSTER(NAME(DB2PM.REL61.TGT.CSI) ... )
```

2. A target zone CSI data set is allocated only if the data set name **differs** from the data set name you specified for your global zone CSI (see parameter GCSIHLQ earlier). If the two parameters are equal, no additional data set is allocated for the target zone CSI, because it indicates that you want to share a **common** data set between global zone CSI and target zone CSI.

TCSIVOL = 'DGO001' | '*value*'

This is the volume serial identifier of the volume on which the target zone CSI is to be allocated.

This parameter is applicable only if DFSMS is **not** installed.

- **value**: The volume you want to use.
- Length of **value**: 1 to 6.

TZONE = 'DGOT610' | '*value*'

This is the name of the target zone to be used by SMP/E.

- **value**: The zone name you want to use.
- Length of **value**: 1 to 7.

Appendix A. DB2 PM for OS/390 Install Logic

A.1 SMP/E Modification Control Statements

```

++FUNCTION(H0G9610 ) REWORK(2000095 )
      RFDSNPF(IBM      )
      DESC( DB2 PM AND WS ANAL/TUNING ) FILES(11)
/*-----*/
/* LICENSED MATERIALS - PROPERTY OF IBM                */
/* 5645-DB2 (C) COPYRIGHT IBM CORP 1986, 1998          */
/* ALL RIGHTS RESERVED                                  */
/* US GOVERNMENT USERS RESTRICTED RIGHTS - USE,       */
/* DUPLICATION OR DISCLOSURE RESTRICTED BY GSA ADP    */
/* SCHEDULE CONTRACT WITH IBM CORP.                   */
/*-----*/
.
++VER(P115 ) DELETE(HNW1102 HNW1103 HNW1104 HNW1105 HNW1106
      HNW2110 HNW3000 HNW3200 H0G9100 H0G9510
      JNW1107 JNW1108 JNW2111 JNW2112 JNW300A
      JNW300E JNW3002 JNW320E JNW320J J0G910E
      J0G910J J0G951E J0G951J J0G951X )
      SUP(AQ19702 AQ19795 AQ20583 AQ21514 AQ22915
      AQ23500 AQ23504 AQ23639 AQ23687 AQ23738
      AQ23783 AQ24055 AQ24217 AQ24255 AQ24552
      AQ25063 AQ25105 AQ25206 AQ25210 AQ25394
      AQ25980 AQ26019 AQ26404 AQ26637 AQ26802
      AQ26848 AQ26872 AQ26895 AQ27126 AQ27175
      AQ27301 AQ27302 AQ27579 AQ27684 AQ27699
      AQ27790 AQ27945 AQ28086 AQ28150 AQ28695
      AQ28698 AQ28745 AQ28936 AQ29216 AQ29488
      AQ29583 AQ29612 AQ29724 AQ29891 AQ29947
      AQ30304 AQ30842 AQ31143 AQ31321 AQ31992
      AQ32297 AQ32953 AQ32972 AQ33034 AQ33178
      AQ33381 AQ33559 AQ33562 AQ33590 AQ33704
      AQ33762 AQ33947 AQ34198 AQ34400 AQ34500
      AQ34733 AQ34807 AQ35159 AQ35184 AQ35370
      AQ35539 AQ35590 AQ35601 AQ35697 AQ36359
      AQ36433 AQ36573 AQ36685 AQ36741 AQ36948
      UQ22061 UQ22199 UQ22920 UQ23833 UQ25600
      UQ26336 UQ26356 UQ26476 UQ26558 UQ26735
      UQ26955 UQ27487 UQ27496 UQ27603 UQ28036
      UQ28072 UQ28139 UQ28238 UQ28681 UQ29172
      UQ29387 UQ29636 UQ29766 UQ29901 UQ30083
      UQ30208 UQ30235 UQ30240 UQ30479 UQ30627
      UQ30908 UQ31046 UQ31089 UQ31287 UQ31401
      UQ31548 UQ31718 UQ31965 UQ32504 UQ32828
      UQ32830 UQ33091 UQ33428 UQ33489 UQ33626

```

```

                UQ33632 UQ33700 UQ33868 UQ33988 UQ34399
                UQ34863 UQ35361 UQ35499 UQ35794 UQ36463
                UQ36903 UQ37563 UQ37566 UQ37801 UQ38098
                UQ38126 UQ38335 UQ38475 UQ38540 UQ38548
                UQ38729 UQ38735 UQ39220 UQ39239 UQ39291
                UQ39464 UQ39637 UQ40083 UQ40191 UQ40434
                UQ40494 UQ40497 UQ40609 UQ40659 UQ41422
                UQ41552 UQ41640 UQ41661 UQ41687 UQ41930
                ) .
++IF FMID(J0G961E )
    REQ(UQ22200 UQ25601 UQ26477 UQ26736 UQ27604 UQ34864
        UQ37564 UQ39292 ) .
++IF FMID(J0G961J )
    REQ(UQ31047 UQ34865 UQ37565 UQ39293 ) .
++JCLIN          CALLLIBS RELFILE(1) .
.
.
.

```

The SMP/E Modification Control Statements (SMPMCS) for DB2 Workstation Analysis & Tuning and DB2 PM for OS/390 Version 6 are contained in the SMPMCS file on the installation tape. The SMPMCS for each FMID in the product is loaded to the SMPPTS data set, with a member name matching the FMID, when the FMID is SMP/E RECEIVED. You may browse or print these members using TSO/E, ISPF, or IEBGENER (or IEBPTPCH).

A.2 SMP/E JCLIN

The JCLIN for DB2 Workstation Analysis & Tuning and DB2 PM for OS/390 is contained in the RELFILE on the installation tape. This file is loaded to disk by SMP/E when the product is RECEIVED. You can browse or print these members using TSO/E, ISPF, or IEBGENER (or IEBPTPCH).

The file containing JCLIN is:

```
FMID H0G9610: 'high-level qualifier(s)..H0G9610.F1(H0G9610)
```

```
FMID J0G961X: 'high-level qualifier(s)..J0G961X.F1(J0G961X)
```

Note: The high-level qualifier(s) is the qualifier specified as the parameter DSPREFIX in the parameter file DGOJBPAP.

Appendix B. Installation Work Sheet (DGOJBPAR)

Figure 28. Global Generation Parameters

ITool Parameter Name	Installer Label	IBM Default Value	User Value
DRYRUN	-	'YES'	

Figure 29. JOB-Specific Parameters

ITool Parameter Name	Installer Label	IBM Default Value	User Value
JOBLIN1	-	'//*'	
JOBLIN2	-	'//*'	
JOBLIN3	-	'//*'	
JOBLIN4	-	'//*'	
JOBLIN5	-	'//*'	
JOBLIN6	-	'//*'	
JOBOUTC	Job output class	'*'	
SMS	DFSMS installed	'NO'	
STORCLAS	Storage class	'NONE'	
TUNIT	DB2 PM will be loaded from tape unit	'3480'	
WDSK	Work disk unit	'SYSALLDA'	

Figure 30. Global Parameters

ITool Parameter Name	Installer Label	IBM Default Value	User Value
APPCLIB	APPC link library	'SYS1.CSSLIB'	
ASSNAME	Assembler name	'ASMA90'	
BLKFB	BLKFB	0	
BLKU	BLKU	32760	
DB2PMLQ	DB2 PM - Prefix	'DGO.V6R1M0'	
INSTBASE	Base feature (DB2 PM Try)	'YES'	
INSTENU	English	'YES'	
INSTJPN	Japanese	'NO'	
INSTOPT	Permanent usage (DB2 PM Buy)	'YES'	
ISPMLIB	Message library	'SYS1.ISPMLIB'	
ISPLIB	Panel library	'SYS1.ISPLIB'	
ISPTLIB	Table library	'SYS1.ISPTLIB'	
LKEDNAME	Linkage editor name	'HEWLH096'	
MVSLEVEL	APPC supported	'NOAPPC'	

Figure 31. SMP/E-Specific Parameters

ITool Parameter Name	Installer Label	IBM Default Value	User Value
CSIDISP	CSI disposition	'NEW'	
DCSIHLQ	Distribution zone CSI - Prefix	'DGO.V6R1M0'	
DCSIVOL	Distribution zone CSI - Volume	'DGO001'	
DISTUNIT	DB2 PM distribution libraries - Unit	'SYSALLDA'	
DISTVOL	DB2 PM distribution libraries - Volume	'DGO001'	
DSPREFIX	Relfiles - Prefix	'DGO.V6R1M0'	
DZONE	Distribution - Zone name	'DGOD610'	
GCSIHLQ	Global zone CSI - Prefix	'DGO.V6R1M0'	
GCSIVOL	Global zone CSI - Volume	'DGO001'	
RELFILS	Relfiles allocation	'AUTO'	
RELUNIT	SMP/E relfiles data sets - Unit	'SYSALLDA'	
RELVOL	SMP/E relfiles data sets - Volume	'DGO001'	
SMPUNIT	SMP/E control data sets - Unit	'SYSALLDA'	
SMPVOL	SMP/E control data sets - Volume	'DGO001'	
TARGUNIT	DB2 PM target libraries - Unit	'SYSALLDA'	
TARGVOL	DB2 PM target libraries - Volume	'DGO001'	
TCSIHLQ	Target zone CSI - Prefix	'DGO.V6R1M0'	
TCSIVOL	Target zone CSI - Volume	'DGO001'	
TZONE	Target - Zone name	'DGOT610'	

Appendix C. Included PTFs for DB2 PM

The following PTFs containing APAR fixes against this release of DB2 PM 6.1.0 have been integrated into this release.

NOTE: COR-CLOSED PTFs are available for 'Corrective Service' and will be placed on the next available ESO Tape (Expanded Service Option, formerly known as PUT Tapes). The following sub-categories for COR-CLOSED PTFs have been provided by the Software Manufacturing Center (SMC), Poughkeepsie:

PUTyymm COR-CLOSED PTFs that are available on an ESO Tape, where 'yynn' indicates the year and the month that the ESO tape became available.

RSUyymm RSU (Recommended Service Upgrade) is a preventive service philosophy for all S/390 products that are serviced by IBM for the OS/390 and MVS platforms. RSU reduces the volume of PTFs customers need to apply for preventive maintenance. RSU became available at OS/390 Release 2 GA (9/96), and is identified via an additional SOURCEID of RSUyymm, where 'yymm' indicates the year and the month the PTF was assigned this SOURCEID.

SMCREC COR-CLOSED PTFs that are not yet available on an ESO Tape, but have been researched and recommended for installation by the Software Manufacturing Center (SMC) in Poughkeepsie.

SMCCOR COR-CLOSED PTFs that are not yet available on an ESO Tape and have no special recommendation for installation.

H0G9610

UQ22061-PUT9810	UQ22199-PUT9810	UQ22920-PUT9810
UQ23833-PUT9811	UQ25600-RSU9902	UQ26336-RSU9902
UQ26356-PUT9902	UQ26476-PUT9902	UQ26558-PUT9902
UQ26735-RSU9902	UQ26955-PUT9903	UQ27487-PUT9903
UQ27496-PUT9903	UQ27603-PUT9903	UQ28036-PUT9903
UQ28072-PUT9903	UQ28139-PUT9903	UQ28238-PUT9903
UQ28681-PUT9904	UQ29172-PUT9904	UQ29387-PUT9904
UQ29636-PUT9904	UQ29766-PUT9905	UQ29901-PUT9905
UQ30083-PUT9905	UQ30208-RSU9905	UQ30235-PUT9905
UQ30240-PUT9905	UQ30479-PUT9905	UQ30627-RSU9906
UQ30908-RSU9906	UQ31046-RSU9906	UQ31089-RSU9906
UQ31287-RSU9906	UQ31401-RSU9906	UQ31548-RSU9906
UQ31718-PUT9906	UQ31965-PUT9906	UQ32504-PUT9907
UQ32828-PUT9907	UQ32830-PUT9908	UQ33091-PUT9907
UQ33428-PUT9908	UQ33489-PUT9909	UQ33626-PUT9908
UQ33632-PUT9908	UQ33700-PUT9908	UQ33868-RSU9908
UQ33988-PUT9908	UQ34399-RSU9909	UQ34863-PUT9909
UQ35361-PUT9909	UQ35499-RSU9910	UQ35794-PUT9910
UQ36463-PUT9911	UQ36903-PUT9912	UQ37563-PUT9911
UQ37566-PUT9911	UQ37801-PUT9912	UQ38098-PUT9912
UQ38126-PUT9912	UQ38335-PUT9912	UQ38475-PUT9912
UQ38540-PUT9912	UQ38548-RSU9912	UQ38729-PUT9912
UQ38735-RSU0001	UQ39220-PUT0001	UQ39239-RSU0001
UQ39291-PUT0001	UQ39464-RSU0002	UQ39637-PUT0001
UQ40083-PUT0002	UQ40191-PUT0002	UQ40434-PUT0002
UQ40494-PUT0002	UQ40497-PUT0002	UQ40609-RSU0002
UQ40659-PUT0002	UQ41422-SMCCOR	UQ41552-SMCCOR
UQ41640-SMCCOR	UQ41661-SMCCOR	UQ41687-SMCCOR
UQ41930-SMCCOR		

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UQ22200-PUT9810	UQ25601-RSU9902	UQ26477-PUT9902
UQ26736-RSU9902	UQ27604-PUT9903	UQ34864-PUT9909
UQ37564-PUT9911	UQ39292-PUT0001	

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UQ29460-PUT9904	UQ31047-RSU9906	UQ34865-PUT9909
UQ37565-PUT9911	UQ39293-PUT0001	

Reader's Comments

Program Directory for DB2 UBD for OS/390 DB2 Performance Monitor Volume 2 of 6 Version 6

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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

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