IBM Tivoli Decision Support for z/OS
Release 7
Program Number 5698-A07

IBM* Tivoli* Decision Support for z/OS* is a systems management tool for performance reporting.

It collects load and throughput data logged by computer systems and stores it in a DB2* database. It processes the stored data and presents it in graphical or tabular form.

IBM Tivoli Decision Support for z/OS consists of a base and seven performance features. The Tivoli Decision Support for z/OS performance features control selection and collection of measurement data, provide predefined reports, and include documentation to aid performance data analysis.

Features available with IBM Tivoli Decision Support for z/OS are:

- Accounting
- AS/400* System Performance (SP400)
- CICS* Performance
- Distributed Systems Performance
- IMS* Performance
- Network Performance
- System Performance

Security, Auditability, and Control

IBM Tivoli Decision Support for z/OS uses the security and auditability features of z/OS*, OS/390*, TSO*, DB2, and OS/390 Security Server if installed.

User management is responsible for evaluation, selection, and implementation of security features, administrative procedures, and appropriate controls in application systems and communication facilities.

Specified Operating Environment

Machine Requirements

This product uses only existing attachment interfaces.

IBM Tivoli Decision Support for z/OS operates on any hardware configuration that supports the required software.

Programming Requirements

IBM Tivoli Decision Support for z/OS requires these programs, or subsequent revision levels, unless stated otherwise:

- z/OS Version 1 Release 3 Modification Level 0 (5694-A01)
- IBM SMP/E for z/OS and OS/390 Version 3 Release 3 Modification Level 0 (5655-G44) is required for installation
- IBM DB2* Universal Dataabase Version 7.1 or Version 8 (5675-DB2)

The following programs (or subsequent levels unless stated otherwise) are optional:

- Query Management Facility (QMF*) Version 7 Release 2 (5675-DB2) provides additional flexibility for generating and viewing reports.
- Graphical Data Display Manager (GDDM*) Version 3 Release 1 (5695-167) is required to handle graphic reports.
- GDDM-PGF Version 2 (5668-812) is required to generate graphic reports.

* Copyright International Business Machines Corporation 1993, 2004. All rights reserved.
IBM Tivoli Information Management for z/OS Version 7 Release 1 (5698-SD2) is required to handle problem records from Tivoli Decision Support for z/OS data.

BookManager* READ/MVS Release 3 (5695-046) is required to access the online help information provided in the IBM Tivoli Decision Support for z/OS online books.

DB2 High Performance Unload (HPU) 2.1 (5724-B90) is required to use a fast tool to unload and extract data from a DB2 database.

DB2 Universal Database for OS/390 or z/OS Version 7.1 or Version 8.

The following programs (or subsequent revision levels unless stated otherwise) are required to use IBM Tivoli Decision Support for z/OS features:

For Distributed Systems Performance feature:
- One of the following:
  - AIX 5L* Version 5 Release 1 (5765-E61)
  - HP-UX 11.i
  - Sun Solaris 2.8**
  - SuSE Linux 7.1 kernel (2.4.0)
  - Red Hat Linux 7.1 (kernel 2.4.2)
- TCP/IP Version 3 (5655-HAL) is needed for the automatic file transfer function.
- Host Support File Transfer Program Version 1 (5665-311) and AIX SNA Services/6000 (5601-287) and AIX Host Connection Program/6000 Version 1 Release 3 (5601-260) can also be used to transfer files to OS/390, but the feature has no procedures for automation in this environment.

For AS/400* System Performance feature:
- Operating System/400* (OS/400*) Version 5 Release 1 (5722-SS1). The AS/400 network should be connected to the OS/390 or z/OS host either through an SDLC or Token-Ring connection.
- NetView* FTP Version 2 Release 1 (5685-108) and NetView FTP/400 Version 3 (5733-196) is recommended for transfer of files to OS/390.
- IBM Performance Tools (optional) (5722-PT1).

For System Performance feature:
- SuSE 7.0 Linux for OS/390* (kernel 2.2.16)
- RedHat Linux 7.2 (kernel 2.4.09-38)

Licensed Program Materials Availability

Restricted materials - No.

This licensed program is available without source licensed program materials. It is available in object code.

Supplemental Terms

Designated Machine Identification

Designated Machine Identification Required: Yes.

Testing Period

- Basic License: Two months.
- DLSO License: Not applicable.

Use-Base Charges/Usage Restriction

Not applicable.

Type/Duration of Program Services

IBM will provide Central Service, including the IBM Support Center, only through the customer location designated for the basic license until discontinued by IBM with a minimum of six months written notice.

Linux is a registered trademark of Linus Torvalds in the United States, other countries, or both.
Microsoft, Windows, Windows NT, and the Windows logo are registered trademarks of Microsoft Corporation in the United States, other countries, or both.
HP-UX is a trademark of Hewlett-Packard Corp.
UNIX is a registered trademark of The Open Group in the United States and other countries.
Other company, product, and service names, which may be denoted by a double asterisk (**), may be trademarks or service marks of others.
Authorization for Copy and Use on Home/Portable Computer

Not applicable for this Program.

Softcopy Publications

The program that IBM licenses may include licensed publications in displayable or source form. Except as provided in this section, the terms and conditions of the license agreement with IBM apply to these publications and to any copies that are made from them.

The licensed publications may be used in displayable or source form on all machines designated for this program. The licensed publications may also be copied and used on other machines in support of authorized use of this program.

To support authorized use of the program, printed copies of the displayable or source material may be made if the copyright notice and any other legend of ownership is reproduced on each copy or partial copy.

Warranty

This program is warranted as specified in the IBM license.

Licensed Program Specifications may be updated from time to time and such updates may constitute a change in specifications.

For Distributed Systems License Option (DSLO) Licenses, warranty service, if any, will be provided only through the Basic License location.

Following the discontinuance of all program services, this program will be provided “As Is” as specified in the IBM license.
References in this publication 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 any of IBM's intellectual property rights may be used instead of the IBM product, program, or service.

Any other documentation with respect to this licensed program, including any documentation referenced herein, is provided for reference purposes only and does not extend or modify these specifications.

November 2004
Printed in U.S.A.