Tivoli Decision Support for OS/390
Release 6
Program Number 5695-101

Tivoli* Decision Support for OS/390* 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.

Tivoli Decision Support for OS/390 consists of a base and seven performance features. The Tivoli Decision Support for OS/390 performance features control selection and collection of measurement data, provide predefined reports, and include documentation to aid performance data analysis.

Features available with Tivoli Decision Support for OS/390 are:

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

Security, Auditability, and Control

Tivoli Decision Support for OS/390 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

Year 2000 Readiness

This IBM program, when used in accordance with its associated documentation, is capable of correctly processing, providing and/or receiving date data within and between the twentieth and twenty-first centuries, provided that all products (for example, hardware, software, and firmware) used with this IBM Program properly exchange accurate date data with it.

Machine Requirements

This product uses only existing attachment interfaces.

Tivoli Decision Support for OS/390 operates on any hardware configuration that supports the required software.

If you use a Windows operating system, the minimum hardware requirements are a Pentium processor 266 Mhz and 64 MB RAM.

Virtual Storage Requirements

Tivoli Decision Support for OS/390 basically uses less than 1 MB of virtual storage in the private area under 16 MB. When running data collection, at least 10 MB of virtual storage above 16 MB is recommended.

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Programming Requirements

Tivoli Decision Support for OS/390 requires these programs, or subsequent revision levels, unless stated otherwise:

- OS/390 SMP/E Version 2 Release 7 (5647-A01), or higher, is required for installation
- IBM DATABASE 2* (DB2) Version 6 (5645-DB2)
- OS/390 Version 2 Release 10 (5647-A01)
- z/OS Version 1 (5694-A01)

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

- Query Management Facility (QMF*) Version 3 Release 1 Modification Level 1 (5706-254) 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.
- Tivoli Service Desk for OS/390 (5648-142) is required to handle problem records from Tivoli Decision Support for OS/390 data.
- BookManager* READ/MVS Release 3 (5695-046) is required to access the online help information provided in the Tivoli Decision Support for OS/390 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 for OS/390 Version 7 for Data Warehouse enablement.

The following programs (or subsequent revision levels unless stated otherwise) are required to use Tivoli Decision Support for OS/390 features:

For Distributed Systems Performance feature:

- One of the following:
  - AIX* Version 4 Release 3 (5765-C34)
  - HP-UX** 11.i
  - Sun Solaris 2.7**
  - Windows NT** 4.0, or Windows 2000
  - SuSE Linux 7.1 kernel (2.4.2)
  - Red Hat Linux 7.1 (kernel 2.4.2)
  - Turbo Linux 6.5 (kernel 2.2.18)
- 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.
- Tivoli Distributed Monitoring Version 3 Release 6

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 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 S/390* (kernel 2.2.16)

For the Viewer, one of the following:

- AIX Version 4 Release 3 (5765-C34)
- Sun Solaris 2.7
- Windows 98, Windows 2000, or Windows NT Version 4.0

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Designated Machine Identification

Designated Machine Identification Required: Yes.

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