IBM Tivoli NetView for TCP/IP Performance V1.4 Maximizes z/OS System and Network Performance

Overview
IBM Tivoli® NetView for TCP/IP Performance offers a comprehensive automated approach to managing your TCP/IP IBM @server zSeries system and connected IP network.

IBM Tivoli NetView for TCP/IP Performance is designed to help you automatically identify and reduce network resource congestion, assist you in optimizing your IP networks, minimize downtime, and increase application performance, availability, and service.

Easy to Install
Typically, IBM Tivoli NetView for TCP/IP Performance can be installed, configured, and run in most environments in less than one day. This can result in improved operations and improved help desk productivity.

New in this Release
The V1.4 release provides enhancements in the browser-based user interface for functional parity with the earlier Windows® user interface, specifically in the area of traceroute. When an item being monitored exceeds the threshold sent, a traceroute can be automatically initiated. This feature can allow the user to view the data as historical traceroute information.

New features include:

SysPoint
SysPoint is the primary entry point to display multiple TCP/IP stack information across multiple host systems. The data is displayed in a table for quick reference and provides the ability to drill down by clicking in a cell when further information is needed.

LinkView
LinkView provides real-time Channel Processor Monitoring at a glance to enable you to see devices that are unavailable or have exceeded the queue threshold.

BatchPR
BatchPR provides an alternative method of operation for users who require a TN3270-like mainframe reporting option.

IBM Tivoli NetView for TCP/IP Performance is a new name, the previous name was Tivoli NetView Performance Monitor for TCP/IP.

Key Prerequisites
IBM Tivoli NetView for TCP/IP Performance requires S390 hardware supporting:
- OS/390® V2.8, and later
- z/OS™ V1.1, and later

Planned Availability Date
April 26, 2002

At a Glance
IBM Tivoli NetView for TCP/IP Performance provides an automated TCP/IP management solution. V1.4 provides the following enhancements:
- Improved monitoring of mainframe TCP/IP address space with overview tables and details
- Real-time monitoring of various channel attached processors and links
- Real-time monitoring of TCP/IP sessions and their connectivity
- TN3270-like mainframe reporting option

End of Support: Based on the Tivoli end of support policy, Tivoli support for Tivoli NetView Performance Monitor for TCP/IP V1.3 will be discontinued on April 26, 2003.

This announcement is provided for your information only. For additional information, contact your IBM representative, call 800-IBM-4YOU, or visit the IBM home page at: http://www.ibm.com.
IBM Tivoli NetView for TCP/IP Performance 1.4 provides the following enhancements.

SysPoint

SysPoint is the primary entry point into the IBM Tivoli NetView for TCP/IP Performance multi-host monitoring application. To access SysPoint, you must first logon to the host. Once logon is achieved, information from all hosts running an MVS™ TCP/IP address space with a Monitor is retrieved. SysPoint displays the Stack Name and IP address for each active host with its associated alerts, throughput for that stack, channel links status, and connection data for listeners and sessions. SysPoint's home page provides an overview of network activity for operations, systems and network staff. The data is displayed in a table for quick reference and provides the ability to drill down by clicking in a cell when further information is needed. SysPoint provides information on alerts, stack workload, channel activity and traffic for connections.

LinkView

LinkView provides real-time Channel Processor monitoring at a glance to enable you to see any device that is unavailable or has exceeded the queue threshold. It shows the channel attached processors and links associated with your TCP/IP address space on one screen. Channel attached processors include channel-to-channel devices, LAN channel stations, ATM devices, CLAW devices (example, RS/6000s), FDDI devices, or router cards such as the CISCO CIP card.

BatchPR

BatchPR provides an alternative method of operation for users who require a TN3270-like mainframe reporting option. BatchPR is executed from the TSO command line of ISPF or through the submission of JCL. The reports focus on the response time and availability of the network. BatchPR can help users to easily answer such questions as:

- How reliable is network access between mainframe system A and branch office system B?
- How available is the mainframe system to all its major communication nodes?
- Is the mainframe system providing the level of service that it should to the key users in the network?

The enhanced browser-based user interface has complete functional parity with the earlier Windows user interface. The Windows GUI will not ship with IBM Tivoli NetView for TCP/IP Performance V1.4.

IBM Tivoli NetView for TCP/IP Performance is a new name, this product was previously available under the name Tivoli NetView Performance Monitor for TCP/IP. The manuals use the old name but have been updated with the features described in this announcement.

Euro Currency

This program is not impacted by euro currency.

Reference Information

Refer to Software Announcement 202-087, dated April 9, 2002

Trademarks

zSeries is a trademark of International Business Machines Corporation.
The e-business logo is a trademark of International Business Machines Corporation in the United States or other countries of both.
z/OS and MVS are trademarks of International Business Machines Corporation in the United States or other countries or both.
OS/390 is a registered trademark of International Business Machines Corporation in the United States or other countries or both.
Windows is a registered trademark of Microsoft Corporation.
Tivoli is a registered trademark of International Business Machines Corporation or Tivoli Systems Inc. in the United States or other countries or both.
Other company, product, and service names may be trademarks or service marks of others.
IBM US
Announcement
Supplemental Information
April 9, 2002

Education Support
Training is available for many Tivoli® products. Education is offered through IBM Education and Training, and through Tivoli Systems. Worldwide information about education offerings is available on the IBM Education and Training home page at:

http://www.training.ibm.com

For current information on Tivoli Systems education, call 512-436-8000, or visit the Tivoli Systems home page at:

http://www.tivoli.com/services/education

Offering Information
Product information will be available on day of announcement through Offering Information (OITOOL) at:

http://www.ibm.com/common/ssi

Technical Information

Specified Operating Environment

Hardware Requirements: For the host server
Any processor which supports the following:
• S/390® architecture
• 200 3380 device tracks for product libraries
• 600 3380 device cylinders for historical databases

The Windows® GUI will not ship with this release.

PC Workstation for Browser GUI: Refer to the requirements of browser manufacturer

Web Server for Browser GUI: Refer to the requirements of Web server manufacturer

Software Requirements
For the host server:
• z/OS™ 1.1 or OS/390® V2R8, or later releases
• z/OSe is not supported at general availability
• The SAS/C run time library ISP.SISPSASC that is provided in OS/390 R6, or higher, or z/OS R1, or higher

PC Workstation for Browser GUI:
• Internet Explorer 5.5, or later, Netscape 4.76 or 6.2, or compatible browser

Web Server for Servlets of Browser GUI:
• Apache for Windows NT 1.3.22, or later, Apache for Linux, or Microsoft™ IIS 5.0
• Apache Tomcat 3.3

Planning Information

Packaging: IBM Tivoli NetView for TCP/IP Performance is distributed with:
• International Program License Agreement (IPLA) (Z125-3301)
• License Information document (LC23-4474)
• Custom Build 3480 tape cartridge
• CD-ROM NetView Performance Monitor Java™ Servlets (LK3T-5785)
• NetView Performance monitor for TCP/IP Program Directory (GI11-0755)

Publications
No publications are shipped with this program. The product documentation will be available for download at the following Web site:

http://www.tivoli.com/support/documents

Hardcopy publications may be ordered from:

http://www.ibm.com/shop/publications/order

Displayable Softcopy Publications: The following manuals are offered in displayable softcopy form:

<table>
<thead>
<tr>
<th>Title</th>
<th>Form Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tivoli NetView Performance Monitor for TCP/IP Installation Guide Version 1.4</td>
<td>GC32-0756</td>
</tr>
</tbody>
</table>

The displayable manuals are shipped on the same media type as the basic machine-readable material.

These PDF manuals can be displayed or printed using Adobe Acrobat Reader licensed programs in any of the supported environments. Terms and conditions for use of the machine-readable files are shipped with the files.
Security, Auditability, and Control

IBM Tivoli NetView for TCP/IP Performance uses the security and auditability features of the operating system software.

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

Ordering Information

New Licensees: Orders for new licenses will be accepted now.

Shipment will begin on the planned availability date.

Basic License:

Ordering IBM Tivoli NetView for TCP/IP Performance

Ordering information is included for convenience, it was previously announced in:

- Software Announcement 200-294, dated September 5, 2000
- Software Announcement 201-247, dated September 4, 2001
- Software Announcement 201-321, dated November 6, 2001

IBM Tivoli NetView for TCP/IP Performance may be ordered under the Passport Advantage (PA) agreement (Build to Plan) and “Build to Order” process by using the product number designation, 5698-PMI.

IBM Tivoli NetView for TCP/IP Performance D57J4LL
IBM Tivoli NetView for TCP/IP Performance D57JFLL
IBM Tivoli NetView for TCP/IP Performance E17JILL
IBM Tivoli NetView for TCP/IP Performance D57M6LL

IBM @server zSeries MSUs Table

<table>
<thead>
<tr>
<th>Tivoli Management Points per zSeries MSU</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Name</td>
</tr>
<tr>
<td>-------------</td>
</tr>
<tr>
<td>IBM Tivoli NetView for TCP/IP Performance V1.4</td>
</tr>
</tbody>
</table>

Media for IBM Tivoli NetView for TCP/IP Performance is packaged and delivered via the z/OS Customized Offerings, that is, ServerPac, SystemPac®, or the Custom Build Product Delivery Option (CBPDO). A Custom Build Registration part number is used to designate this method of delivery. To order media and/or documentation do the following:

- Specify the custom build registration part number from the table, “Ordering z/OS Customized Offerings via PA”
- Select a media feature and select the custom build registration feature from the table, “Ordering Media Features for z/OS Customized Offerings”
- For each component PID number within the IBM Tivoli z/OS Support Product, specify the z/OS Support Product Number and select the support registration feature and the media feature from the table, “Ordering z/OS Customized Offerings Support”

Note: When an order for an IBM Tivoli z/OS is placed, an IBM country fulfillment representative will contact the customer’s sales representative to ensure the system details are complete and accurate.

Ordering z/OS Customized Offerings via PA: Specify the custom build registration part number from the table below. Ordering this part number generates a contact of a regional IBM Customer Support Office (“Techline”) to the customer to configure an order for customized media via the CFSW configurator.
Part Program Name/Description Number
IBM Tivoli NetView for TCP/IP Performance V1.4 D00O9LL

Ordering Media Features for z/OS Customized Offerings:
Select a media feature and select the custom build registration feature from the table below.

Product Number: 5698-PMI

<table>
<thead>
<tr>
<th>Description</th>
<th>Custom Build Registration</th>
<th>Media Feature Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>IBM Tivoli NetView for TCP/IP Performance V1.4 International English</td>
<td>2432</td>
<td>5802 3480 Tape</td>
</tr>
</tbody>
</table>

Ordering z/OS Customized Offerings Support: For each component PID number within the z/OS Customized Offerings Software Subscription and Annual Support Product (S&S), specify the z/OS Support Product Number and select the support registration feature and the subscription media feature from the table below. This process is implemented by a regional Customer Support Office after the Custom Build Registration part number (PA) or product number/feature is ordered.

Note: The media features for the support products are the same media features as the corresponding products they support.

Support Product Number: 5698-S15

<table>
<thead>
<tr>
<th>Description/Language</th>
<th>Support Registration</th>
<th>Media Feature Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tivoli NetView for TCP/IP Performance S&amp;S International English</td>
<td>2415</td>
<td>6083 Subscription</td>
</tr>
</tbody>
</table>

Software Maintenance: Software Maintenance is included with each product authorization acquired. Software Maintenance provides an easy and effective way by which you have access, during the coverage period, to eligible new versions and releases and to remote technical support for your covered products.

The technical support included in Software Maintenance provides remote support during normal business hours in your country or location as well as access to escalation management 24 hours a day, 7 days a week, for mission-critical (severity 1) problems.

With Software Maintenance, you receive the following technical support benefits:

- Telephone access and/or electronic access via the Web to an IBM Customer Support Center.
- Support for routine, short duration installation and usage (how-to) questions and code-related problems.
- Support during normal country business hours, namely prime shift hours, Monday through Friday, excluding national or statutory holidays.
- Support for mission-critical (severity 1) problems during non-prime shift hours, namely all hours outside normal country business hours including national and/or statutory holidays.
- Two-hour response time objective during prime shift for voice and electronic submission. The response objective for critical/emergency problems during offshift is also two hours.
- Access to hints, tips, and frequently asked questions.
- Access to escalation management 24 hours a day, 7 days a week.
- Open Authorized Technical Caller list to submit problems to IBM Support Centers on your behalf. Open to any number of technical specialists within your IS organization. Each caller must be registered through the IBM problem submission Web site in order to submit problems. Problem submission is handled by the Site Technical Contact as listed on the PA enrollment form.
- eCare for Software is an initiative designed to enhance your electronic support experience by providing the following advantages:
  - Single view of IBM distributed software that includes easy/integrated access to the following information and functions:
    - Marketing
    - Technical
    - Developer
    - Business Partner
    - IBM Services
    - Downloads
  - Comprehensive electronic (via the Web) self-help capabilities available 24 hours a day, 7 days a week
  - Advanced search capabilities
  - A single interface to the IBM problem submission/management system for IBM distributed software

PA allows you to have a common anniversary date for Software Maintenance renewals, simplifying management and budgeting for eligible new versions and releases (and for related technical support) for your covered products. The anniversary date, established at the start of your PA Agreement, recurs on an annual basis while your PA Agreement remains in effect. However, regardless of when Software Maintenance is acquired, the coverage period for Software Maintenance is always up to the anniversary date specified in the acquisition.

Refer to the IBM International PA Agreement and to the IBM Software Maintenance Handbook for specific terms relating to, and a more complete description of, technical support provided through Software Maintenance.

Software Maintenance renewals offer you favorable pricing to continue your coverage without interruption.

Basic Machine-Readable Material

Ordering a License via Build to Order: For each of the product’s charge units, select a feature code and specify the quantity desired for the license from the table below.
Product Number: 5698-PMI

<table>
<thead>
<tr>
<th>Per Charge Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Qty 1</td>
</tr>
<tr>
<td>IBM Tivoli NetView for TCP/IP Performance V1.4</td>
</tr>
<tr>
<td>Charge Unit: Tivoli Mgmt. Pts.</td>
</tr>
</tbody>
</table>

Refer to referenced announcements for complete ordering on IBM Tivoli NetView for TCP/IP Performance support.

Feature Distribution

<table>
<thead>
<tr>
<th>Feature Number</th>
<th>Distribution Medium</th>
</tr>
</thead>
<tbody>
<tr>
<td>English (U.S.)</td>
<td>5802 3480 tape cartridge</td>
</tr>
</tbody>
</table>

Customization Options: Select the appropriate feature numbers to customize your order with delivery options desired. These features can be specified on the initial or MES orders.

Example: If publications are not desired for the initial order, specify feature number 3470 to ship media only. For future updates, specify feature number 3480 to ship media updates only. If, in the future, publication updates are required, order an MES to remove feature number 3480; then, the publications will ship with the next release of the program.

<table>
<thead>
<tr>
<th>Description</th>
<th>Feature Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Initial Shipments</td>
<td></td>
</tr>
<tr>
<td>Serial Number Only (suppresses shipment of media and documentation)</td>
<td>3444</td>
</tr>
<tr>
<td>Ship Media Only (suppresses initial shipment of documentation)</td>
<td>3470</td>
</tr>
<tr>
<td>Ship Documentation Only (suppresses initial shipment of media)</td>
<td>3471</td>
</tr>
<tr>
<td>Update Shipments</td>
<td></td>
</tr>
<tr>
<td>Ship Media Updates Only (suppresses update shipment of documentation)</td>
<td>3480</td>
</tr>
<tr>
<td>Ship Documentation Only (suppresses update shipment of media)</td>
<td>3481</td>
</tr>
<tr>
<td>Suppress Updates (suppresses update shipment of media and documentation)</td>
<td>3482</td>
</tr>
<tr>
<td>Expedite Shipments</td>
<td></td>
</tr>
<tr>
<td>Local IBM Office Expedite (for IBM use only)</td>
<td>3445</td>
</tr>
<tr>
<td>Customer Expedite Process Charge ($30 charge for each product)</td>
<td>3446</td>
</tr>
</tbody>
</table>

Expedite shipments will be processed to receive 72-hour delivery from the time IBM Software Delivery and Fulfillment (SDF) receives the order. SDF will then ship the order via overnight air transportation.

Customized Offerings

Product media is shipped only via Customized Offerings (that is, CBPDO, ServerPac, SystemPac). Non-customized items (CDs, diskettes, source media, media kits) will continue to be shipped via the stand-alone product.

Terms and Conditions

For a limited time during the migration period to PA, customers may acquire eligible programs and Software Maintenance under agreements outside of PA.

Agreement: For orders under 5698-PMI: IBM International Program License Agreement (IPLA), IBM International Agreement for Acquisition of Programs and Support (IIAAPS) and the IBM Attachment for Support, IBM Agreement for Acquisition of Support (IAAS), IBM Addendum for Support (Software Maintenance) for Selected Programs (Z125-6495), and an Order Form.

For orders under PA: IPLA, IBM International Passport Advantage Agreement (PAA), and an IBM International PAA Enrollment Form.

Transferable: Yes, except for programs acquired at a discount or allowance

Limited Warranty Applies: Yes

Guarantee: 30 day money-back guarantee

Usage Restriction: Yes. Usage is limited to the quantity of Tivoli Management Points acquired for a one-time charge (OTC).

Volume Offering (IVO): No

Upgrade Protection Applies: Covered as long as Software Maintenance is in effect

Educational Allowance Available: Yes, to qualified education institution customers

Percentage: 15%

Licensed Program Materials Availability

- Restricted Materials of IBM: None
- Non-Restricted Source Materials: None
- Object Code Only (OCO): All

Maintenance Applies

- Software Maintenance under Passport Advantage: Yes
- Software Maintenance for IBM Tivoli products: Yes

Complementary Introductory Support: Not available

Program Services and End of Support: Program services for an IBM Tivoli program are one year from the date IBM or your Business Partner makes the program available to you. The program services duration period shall be less than one year for programs acquired after the announcement of a program’s end-of-support (EOS) date.

EOS for products or versions/releases of products available under PA will be announced 12 months prior to the effective date.

Software Maintenance for IBM Tivoli Products and PA

Software Maintenance:

- Support Center applies:
  - Yes
- Access is available through the IBM Support Center, 800-237-5511

- Support Web Site for Problem Reporting:
  http://www.tivoli.com/support/reporting/

- Availability of Software Maintenance:
  - The first year of Software Maintenance is included with the license at no additional charge. The first year starts when the product is shipped to the customer.
  - Software Maintenance is available for a one-year and three-year renewal for a fee as part of the IAAS, IIAAPS, or any equivalent agreement.

- Availability of PA Software Maintenance:
  - PA Software Maintenance is provided at no additional charge for each eligible program acquired until the first or second anniversary date, dependent on the part number ordered.
  - PA Software Maintenance is provided for renewal for a fee at each anniversary date. Customers who do not renew their Software Maintenance will have to purchase the Maintenance after License option to renew their maintenance agreement when they require a new level of software code or remote technical support.

- Software Maintenance and PA Software Maintenance are available until:
  - Twelve months after announcement of product discontinuance, (that is, end of life (EOL))

- Software Maintenance and PA Software Maintenance are applicable to:
  - The current release
  - The immediate previous release for twelve months after the general availability of the current release

- APAR Mailing Address:
  Tivoli Systems Inc.
  11400 Burnet Road
  Austin, TX 78758
  USA
  Attention: Product Development

**IBM Operational Support Services — Support Line:** No

**Product Web Site:** A complete list of products, terminology definitions, and licensing documents are available at the following Web site:

http://www.tivoli.com/products/licensing/

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**Prices.**

**Passport Advantage (PA)**

For PA and charges, you can also contact your IBM representative or your authorized IBM Business Partner. For additional information about the PA offering, visit the following Web site:

http://www.ibm.com/software/passportadvantage

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**Trademarks**

zSeries is a trademark of International Business Machines Corporation.
z/OS and the e-business logo are trademarks of International Business Machines Corporation in the United States or other countries or both.
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Windows and Windows NT are registered trademarks of Microsoft Corporation.
Java is a trademark of Sun Microsystems, Inc.
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