IBM CICS Performance Analyzer for OS/390, V1.1 Helps Maximize CICS System and Application Performance

Overview
IBM CICS® Performance Analyzer for OS/390®, V1.1 (CICS PA) produces a wide range of reports and extracts that will help you tune and manage your CICS systems.

Benefits
CICS PA can help:
- Improve transaction response times
- Improve CICS system resource usage
- Analyze CICS application performance
- Increase availability of resources
- Increase the productivity of system and application programmers
- Provide ongoing system management and measurement reports
- Evaluate whether CICS system tuning efforts produce the desired results
- Provide awareness of usage trends, assisting in future growth estimates

Comprehensive Report Analysis
The CICS PA reports analyze all facets of your CICS systems, including:
- Transaction response time
- CICS system resource usage
- Transaction Groups
- Cross-system performance, including Multi-Region Operation (MRO) and Advanced Program-to-Program Communication (APPC)
- Business Transaction Services (BTS)
- CICS Web support
- External Subsystems, including DB2® and IMS™
- Exception events that cause performance degradation

Additional Reporting Functions
CICS PA also provides:
- An easy to use ISPF dialog to build, maintain, and submit report requests
- A comprehensive extract capability that enables you to analyze CICS system performance from your PC workstation using products like Lotus® 1-2-3® or Microsoft™ Excel
- A report formatting capability that enables you to tailor the content of your reports to meet individual requirements
- A powerful record selection and sorting capability that enables you to request the information that you want, in the order that you want it
- CICS/ESA® V4.1 and CICS Transaction Server for OS/390 Version 1 support

Key Prerequisites
Refer to the Hardware Requirements and Software Requirements sections.

At a Glance
IBM CICS Performance Analyzer for OS/390, V1.1 can help optimize system and application performance by:
- Providing comprehensive performance reporting for your CICS systems
- Helping you tune, manage, and plan your CICS systems effectively

Planned Availability Date
May 17, 2001

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 CICS Performance Analyzer for OS/390 (CICS PA) analyzes the SMF records created by the CICS Monitoring Facility (CMF) to produce a wide range of reports and extracts that will help you tune and manage your CICS systems.

CICS PA Provides Reports for All Facets of CICS Systems

- Transaction reports detail all transactions processed, with the information presented in the format that you want.
- Transaction activity reports can be tailored to produce a detailed analysis and comprehensive overview of transaction performance.
- Resource Usage reports show the performance and utilization of your CICS system resources; including:
  - Transactions and Programs
  - Terminals
  - Files
  - Journal
  - BMS Maps
  - Secure Sockets and CICS Web Support
  - Temporary Storage
  - Transient Data
  - Virtual Storage
- Transaction Group Report combines the performance data of all transactions in your Transaction Groups to produce a consolidated report.
- BTS report evaluates your BTS transaction performance.
- Cross-system Work Report combines the CMF data from all of your CICS systems to evaluate the performance of MRO and APPC transactions.
- Graphs show transaction response time and transaction processing rate at a glance.
- External Subsystem Reports show the performance and utilization of DB2 and IMS DBCTL Subsystems.
- A comprehensive extract capability enables you to export transaction performance data to DB2 or your PC workstation for further analysis and graphical representation.
- Exception Reports list and summarize CICS Exception Events that impact the performance of your CICS systems.

Easy to Read and Use Reports

- The report formatting capability of CICS PA enables you to tailor the content of your reports to meet your individual requirements.
- A powerful record selection and sorting capability enables you to request the information that you want, in the order that you want it.

ISPF User Interface

- Dialogues to create, maintain, and submit report requests
- Uses your customized CICS system definitions as a basis for the formatting of your reports
- CUA® compliant
- Commands via batch JCL to request reports for the experienced user

Accessibility by People with Disabilities

For software offerings:
The following features support use by people with disabilities:
- Operation by keyboard alone

Euro Currency

This program is not impacted by euro currency.

Trademarks

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Offering Information

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

http://www.ibm.com/wwoi

Publications

The following publications are shipped with the product.

<table>
<thead>
<tr>
<th>Title</th>
<th>Order Number</th>
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<tbody>
<tr>
<td>CICS® Performance Analyzer User’s Guide and Reference V1R1</td>
<td>SC34-5956</td>
</tr>
<tr>
<td>Program Directory: CICS Performance Analyzer</td>
<td>GI10-2540</td>
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Technical Information

Specified Operating Environment


Software Requirements: IBM CICS Performance Analyzer for OS/390 operates with the following CICS versions and requires SMP/E Version 1 (5668-949) for installation and maintenance:

- CICS/ESA Version 4.1 (5655-018)
- CICS Transaction Server for OS/390 Version 1, all releases (5655-147)

The following products are also required:

- DFSMS/MVS® Version 1 Release 1 (5695-DF1) or later
- ISPF/PDF Version 4 Release 1 (5655-042) or later
- Data Facility Sort (DFSORT™) Version 1 Release 13 (5740-SM1) or later, or an equivalent sort product

Planning Information

Direct Customer Support: Direct customer support is provided by IBM Operational Support Services—Support Line. This fee service enhances customers’ productivity by providing voice and electronic access into the IBM support organization. IBM Operational Support Services—Support Line will help answer questions pertaining to usage, and suspected software defects for eligible products.

Installation and technical support is provided by Global Services. For more information call 800-IBM-4YOU (426-4968).

Packaging: The product package contains:

- The runtime component of the product on the chosen type of three alternative tape options
- Publication: CICS Performance Analyzer User’s Guide and Reference (SC34-5956)
- Programming Directory (GI10-2540)
- License Information (GC34-5973)
- IPLA Booklet (Z125-3301)
- IPLA Pointer Sheet (Z127-1000)
- Proof of Entitlement (PoE)

Security, Auditability, and Control

IBM CICS Performance Analyzer for OS/390 uses the security and auditability features of the supported CICS and/or OS/390 systems.

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

IBM CICS Performance Analyzer for OS/390 is an IPLA product with a single charge based on installations.

The product also has a SW Subscription and Support orderable, required in order to provide the same level of support as is delivered with standard IBM S/390® ICA offerings, including voice defect support, together with code updates. It has a single annual charge which, if ordering, must be purchased in the same quantity as IBM CICS Performance Analyzer for OS/390.

<table>
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<tr>
<th>Description</th>
<th>Program Number</th>
<th>OTC Feature Number</th>
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<tbody>
<tr>
<td>CICS Performance Analyzer for OS/390 Per Install</td>
<td>5655-F38</td>
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OTC = One-Time Charge

Basic License: To order, specify the program number 5655-F38, and the OTC feature number. Also specify the feature number of the desired distribution medium.
Medium Feature Number Medium
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CICS PA for OS/390 5801 Magnetic tape 9-track
   6250 bpi
   3480 1/2-inch tape cartridge
CICS PA for OS/390 5802 4-mm DAT cartridge
CICS PA for OS/390 6502

**Medium Feature Number**

**Medium**

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**Expedite Shipments**

Local IBM Office Expedite (for IBM use only) 3445
Customer Expedite Process Charge ($30 charge for each product) 3446

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**

IBM CICS Performance Analyzer for OS/390 is shipped via
Customized Offerings (CBPDO, ServerPac, SystemPac®). Publications will be shipped via the Stand-alone product.

**Terms and Conditions**

**License:** IBM International Program License Agreement. PoEs are required for all authorized use.

These products are licensed under the IBM Program License Agreement (IPLA), and the associated Agreement for Acquisition of Support, and the Addendum for Support (Z125-6435) which provides for support with ongoing access to releases and versions of the program. These programs have a one-time license charge for use of the program and an ongoing recurring charge for the enhanced support that includes telephone assistance (voice support for defects during normal business hours) as well as access to updates, releases, and versions of the program as long as support is in effect. S/390 IBM Operational Support Services — Support Line is an option for those customers who desire added services.

**Limited Warranty Applies:** Yes

**Program Services:** Available until June 1, 2003

**Money-Back Guarantee:** Two-month, money-back guarantee

**Copy and Use on Home/Portable Computer:** No

**Volume Orders (IVO):** No

**Passport Advantage Applies:** No

**Passport Advantage Subscription Applies:** No

**IBM Operational Support Services — Support Line:** Yes

**AIX® /UNIX® Upgrade Protection Applies:** No

**Entitled Upgrade for Current AIX/UNIX Upgrade Protection Licensees:** No

**AS/400® Software Subscription Applies:** No

**Variable Charges Apply:** No

**Educational Allowance Available:** Yes, 15% education allowance applies to qualified education institution customers.
Prices

Contact your IBM representative for prices information for this announcement.

Customer Financing: IBM Global Financing offers attractive financing to credit-qualified commercial and government customers and Business Partners in more than 40 countries around the world. IBM Global Financing is provided by the IBM Credit Corporation in the United States. Offerings, rates, terms, and availability may vary by country. Contact your local IBM Global Financing organization. Country organizations are listed on the Web at:

http://www.financing.ibm.com

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