



epv

IT Cost
Under Control

EPV for CICS

DATA
SHEET

EPV for CICS Overview

If you...

- can't get the information you need with a click of a mouse...
- don't have a complete overall picture of CICS regions and applications...
- can't quickly identify CICS critical events and application anomalies...
- are reacting to telephone calls and have no time to put in place trend and other reports, you may consider being proactive rather than reactive.

EPV for CICS...

- is the ideal post-processing, performance monitoring and tuning solution for you...
- is an "out-of-the-box" solution for CICS environments of any size and complexity...
- uses standard input data normally available in z/OS environments (mostly SMF records) ...
- contains a complete and extensive help system (embedded in EPV products) providing detailed technical information making it an excellent self-training tool.

Through automatic discovery techniques and built-in rules based on more than 30 years of know-how, EPV collects, relates and aggregates all necessary data transforming the bits and bytes into useful information in a process completely transparent to the user.

EPV for CICS provides:

- CICS resource utilization views to analyze CICS CPU overhead, virtual and real memory usage, logging activity, temporary storage and transient data activity, connections to Db2, MQ and CTG;
- a complete vision of CICS workloads starting from CICS groups, determined by the user, down to each CICS region and transaction;
- a detailed report of CICS parameters and configuration providing auditing of related changes;
- daily, weekly and monthly trends designed to support proactive tuning activities;
- reports to analyze CICS transactions in the deepest possible detail.

All views are produced as static HTML pages enriched by powerful Javascript functions. Views can be published on any Web server and can be accessed by any Internet browser.

TOP CPU

TOP CPU - Wed, 10 Apr 2019

HOUR	TRAN	APPL	NTRX	TOTAL CPU	TOTAL IIP	AVG CPU	AVG CPURLS	AVG IIP	AVG DISP	AVG SUSP	AVG RESP	AVG WAIT
0	YYTM	YYTM	2.288	3,74	0,00	0,002	0,000	0,000	0,002	0,008	0,010	0,008
0	W244	W244	1.394	2,69	0,00	0,002	0,000	0,000	0,003	0,003	0,006	0,003
0	SMSV	SMSV	29	2,28	0,00	0,079	0,000	0,000	0,282	0,820	1,102	0,820
0	JZ00	JZ00	54	1,80	0,00	0,033	0,000	0,000	0,042	0,131	0,173	0,131
0	SXCM	SXCM	3	1,68	0,00	0,560	0,000	0,000	0,771	0,387	1,158	0,387
0	M084	M084	362	1,68	0,00	0,005	0,000	0,000	0,010	0,012	0,022	0,012
0	XFMI	XFMI	90	1,52	0,00	0,017	0,000	0,000	0,026	0,002	0,028	0,002
0	RNAZ	RNAZ	7	1,35	0,00	0,193	0,000	0,000	0,240	0,064	0,304	0,064
0	YZHS	YZHS	689	1,31	0,00	0,002	0,000	0,000	0,003	0,000	0,003	0,000
0	RNWA	RNWA	1.180	1,16	0,00	0,001	0,000	0,000	0,001	0,003	0,004	0,003

CICS WORKLOADS

groupid TOP CPU

EPV for
CICS Help
System



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This view shows the CICS transactions with the highest total CPU consumption in seconds in the selected CICS group (see Note 1).

The CICS transaction names reported in the table are selected by the highest total CPU consumption summed across all the executions.

A separate section is provided for each hour of the day. Inside each section the transactions are sorted by descending CPU values.

All the values are calculated taking into account all the transaction executions across all the regions of the group.

Simple and quick installation

Typically, EPV for CICS is installed within one day. The installation process is straightforward, easy and has absolutely no impact on the mainframe. It works “out-of-the-box” with no customization other than providing input and output destinations. This delivers benefits soon after installation and execution, often within minutes. EPV for CICS can be installed on most of the popular hardware and software platforms available on the market.

Easy to use

Using EPV for CICS is intuitive and easy. Users simply click on automatically created exception links to analyze the most critical issues. Predefined navigation paths are also provided guiding less experienced analysts to the most detailed information using a top-down approach. Many additional functions make EPV for CICS extremely usable and effective.

EPV for CICS Unique Technical Features

Design & Architecture

- EPV processing is completely automatic and is based on auto-discovery techniques.
- EPV runs on any platform.
- The EPV performance database can be either a SAS database or an SQL database.
- EPV results can be published on any platform.
- EPV results can be archived and reused at a later date. It is then possible to look at them separately or include them in the production report structure.
- No clients are needed, only a standard browser.
- Every EPV report can be exported to Excel with just a click of the mouse.

Reports

- CICS critical events by CICS region, including navigable daily and monthly trends.
- CICS parameters.
- CICS parameter changes.
- CICS configuration.
- CICS to Db2, MQ and CTG configuration.
- CICS region, transactions and overhead estimate.
- CICS utilization of resources such as logging, virtual and real memory, temporary storage, transient data, LSR pools and files.
- Performance of CICS connections to Db2, MQ and CTG.
- Complete workload navigation from CICS group to transaction.

- Automatic statistical analysis of the TOP CICS transactions comparing the values of the most important metrics of the last days and weeks.
- Automatic statistical analysis of CICS transaction deviation to identify response time and CPU consumption anomalies.
- Navigable workload daily, weekly and monthly trends.
- User views to control the historical behavior of specific CICS transactions.
- Near-real-time transaction reports which can be requested on demand to analyze CICS transaction performance for a specific interval

Automatic alerting

- EPV automatically provides a log of changes made to the CICS parameters and configuration.
- EPV provides a set of user-definable thresholds to display exception alerts revealing performance problems and excessive resource usage workloads.
- EPV uses statistical analysis and self-adaptive thresholds to intercept abnormal behavior and produce exceptions alerts.
- EPV alerts can be automatically and selectively distributed to technical groups and managers.

EPV for CICS Unique Business Benefits

- EPV saves up to 90% of the time required by technical staff to identify and correct problems, do reporting and perform tuning activities.
- Comprehensive EPV help documentation educates technical staff concerning all the newest CICS functions and technologies.
- EPV greatly increases control over your CICS environment allowing you to reclaim resources by easily identifying and eliminating CICS subsystem and application anomalies.

EPV for CICS Unique Pricing

- The EPV license is based on a one-time fee.
- Pricing depends on the number of collected CICS subsystems, not on the power of the machine or the power used.
- The first year's maintenance is included; in subsequent years customers need only pay the maintenance fee.
- Maintenance fees include all releases and new versions of the product.
- There is no additional license fee if the customer changes the platform where EPV runs.
- There is no additional license fee if the customer changes the database type.
- EPV is developed along two product lines: standalone or by using input from SAS/MXG or SAS/ITRM; there is no additional license fee if the customer wishes to change from one product line to the other.

It's always the right time to switch to EPV



*We are not simply a software vendor.
We will always be at your side helping you reach
your business goals.
EPV: people you can trust.*



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