



epv

IT Cost
Under Control

EPV for Unix

DATA
SHEET

EPV for Unix Overview

If you...

- can't get the information you need with a click of a mouse...
- feel that controlling so many different systems is an almost impossible task...
- are spending a lot of time writing code to transform data into information...
- never have the data you need when you have to prepare a report for your boss...
- are not sure you are using all the capacity you have in the most effective way.

EPV for Unix...

- is the ideal post-processing, performance monitoring and tuning solution for you...
- is an "out-of-the-box" solution for Unix and Linux environments of any size and complexity...
- uses standard input data usually available in any environment...
- includes a free, light agent that collects all the input data needed...
- 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 Unix provides:

- a complete vision of the "health" and condition of all the most important systems resources such as CPU, Memory, I/O, disk space, etc.;
- the ability to aggregate systems by different grouping criteria enabling faster and more effective control of large system estates;
- advanced analysis of AIX partitioning;
- the ability to analyze running processes and aggregate them as workloads;
- the ability to compare systems using different benchmarks such as RPERF, SPECINT and many others;
- a detailed report of hardware and software configurations providing auditing of related changes;
- daily, weekly and monthly trends designed to support proactive tuning activities.

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.

aixprod01 - RESOURCES UTILIZATION - 28MAR18 - (CPUS = 4, MEMORY =														
	CPU					MEMORY (MB)								
TIME	%BUSY	%WAIT I/O	QUEUE	RESP	PROCS	AVM	FREE	PO/sec	FO/sec	FR/sec	%pr	%fi	%fr	%pi
00:05	59,8	2	13	0,08	549	21.183	126	0	120,0	13.597,0	67,8	32,1	0,1	26,6
00:10	65,5	2	12	0,05	555	21.097	278	0	158,0	17.079,0	66,7	33,2	0,1	26,6
00:15	64,2	2	12	0,08	567	21.553	44	0	111,0	16.871,0	66,3	33,4	0,3	26,6
00:20	68,0	2	12	0,08	575	24.210	47	0	199,0	17.535,0	67,0	32,9	0,1	26,6
00:25	81,8	2	12	0,08	734	25.714	1.052	0	332,0	24.851,0	75,2	24,7	0,1	26,6
00:30	87,0	2	8	0,07	795	24.781	49	0	272,0	19.908,0	82,1	15,1	2,8	26,7

Simple and quick installation

Typically, EPV for Unix 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 Unix can be installed on most of the popular hardware and software platforms available on the market.

Easy to use

Using EPV for Unix 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 Unix extremely usable and effective.

EPV for Unix 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

- Hardware and software configuration.
- Configuration changes.
- System boots.
- Automatic exceptions showing:
 - Missing systems
 - CPU looping processes
 - Memory leaking processes
- Performance analysis starting from groups of systems and drilling down to any system to focus on workload and processes; three grouping criteria are allowed so you can for example categorize your systems by application, platform, location, etc.
- AIX micro partitioning configuration showing all the most important definitions such as entitlement, weight, virtual CPUs, capping, etc.

- AIX utilization by partition and pool including partitioning overhead estimate.
- File System and Network File System disk space utilization.
- Power based reports to support server consolidation; different benchmarks can be used to set more representative values for each system type.
- Extensive set of trend reports at hourly, daily, weekly and monthly level; customizable shifts are also provided.
- Capacity Planning indices to track the relationships between major resource usages.

Automatic alerting

- EPV automatically provides a log of changes made to the 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 Unix Unique Business Benefits

- EPV saves up to 90% of the time required by technical staff to identify and correct problems, do reporting and perform capacity planning studies.
- Comprehensive EPV help documentation educates technical staff concerning all the newest hardware and software technologies.
- EPV greatly increases control over hardware allowing you to reclaim resources by easily identifying and eliminating loops, application anomalies and abends.
- EPV allows you to control a large number of systems in just a few minutes.

EPV for Unix Unique Pricing

- The EPV license is based on a one-time fee.
- Pricing depends on the number of collected systems, 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 in two product lines: written in SAS or in Perl/SQL; 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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