



IBM PowerVP Standard Edition includes POWER8 enhancements for Power Systems

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At a glance

IBM^(R) PowerVPTM is updated with the following enhancements:

- POWER8TM hardware support
- Improved memory affinity metrics
- Improved shared processor metrics
- Globalization support

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Reference: RE001

Overview

IBM PowerVP (virtualization performance) for Power SystemsTM offers performance insight into which virtual workloads are using specific physical resources on a Power^(R) server. This solution can help reduce time and complexity to pinpoint performance bottlenecks and enables a simple, color-coded dashboard to display the performance health of the system. It can help simplify management, reduce the cost of resolving performance issues, and give you a quick view of the performance health of your server.

PowerVP is tightly integrated with the PowerVM^(R) hypervisor and collects performance data directly from PowerVM, which offers accurate performance information about virtual machines running on Power Systems. This performance information is displayed on a real-time, continuous GUI and is also available for review.

Key prerequisites

Any IBM system that includes an IBM POWER8 processor or any system running V7.7 firmware level, or later.

PowerVP can now be ordered with machine type/models 9117-MMD and 9179-MHD.

Planned availability date

June 10, 2014

Description

PowerVP includes the following features:

- Real-time, continuous graphical monitor that delivers an easy-to-read display showing the overall performance health of the Power server.
- DVR-like replay that enables you to go back in time and replay performance data sequences to pinpoint performance bottlenecks.
- System-level performance views that show all VMs and how they are using real system resources.
- Virtual Machine drill-down, which gives you further performance details for each VM, displaying critical detail information on various resources like CPU, memory, and disk activity
- Support for all VM types including AIX^(R), IBM i, and LinuxTM
- Background data collection, which enables detailed performance data to be collected when the GUI is not active.

PowerVP is a product that is currently being offered in a single standard edition. This edition is sold as a stand-alone offering for PowerVM Standard Edition clients and is included within PowerVM Enterprise Edition.

PowerVP is updated with the following enhancements:

- POWER8 hardware support
- Improved memory affinity metrics
- Improved shared processor metrics
- Globalization support

This new function introduced in Version 1.1.2 of PowerVP gives you more detailed performance information to help optimize your POWER7^(R) and POWER8 systems. In addition, it can make it easier to install, configure, and operate PowerVP.

Product number

Program number	Program name
5765-SLE	IBM PowerVP Standard Edition

Note: 5765-SLE is announced and is here for reference only.

Order now

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Note: Shipments will begin after the planned availability date.

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