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POWER6 information

Managing system resources for POWER6 processor-based systems

Use this information to manage system resources, such as virtual and physical hardware resources, logical partitions, and capacity on demand.

[Introduction to virtualization](#)

Power Systems™ servers and some IBM BladeCenter® blade servers with Power Architecture® technologies to help you consolidate systems, optimize resource utilization, and improve IT flexibility any system involves planning for, deploying, and managing virtual resources.

[System planning](#)

A *system plan* is a specification of the hardware and the logical partitions contained in one or more systems in a number of ways that are useful for managing your system.

[Logical partitioning](#)

You can set up, manage, and troubleshoot AIX®, IBM i, Linux, and Virtual I/O Server logical partitions through the Hardware Management Console (HMC), Integrated Virtualization Manager, or Virtual Partition Manager. By creating logical partitions, you can reduce the footprint of your data center by consolidating servers, and you can maximize the use of system resources across logical partitions.

[PowerVM Editions](#)

Learn about the components and editions of the PowerVM™ Editions hardware feature.

[Capacity on demand](#)

Capacity on Demand (CoD) offerings allow you to dynamically activate one or more resources on your systems.