



IBM Power Systems with IBM i

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IBM Power Systems Announcement Recap



On October 12, IBM made several announcements that will help clients accelerate the journey to Smarter Computing with new and enhanced capabilities. In the area of Optimized Systems, Power Systems announcements include:

- New models which offer twice as much memory
- Power 780 now offers up to 96 processor cores
- PCIe Gen2 delivers 2x the I/O bandwidth, enabling higher performance, greater efficiencies, and more flexibility. New adapters include:
 - Dual port 10Gb Ethernet
 - 4-port 8Gbps Fibre Channel
 - 6 Gbps SAS RAID Controller with Cache
- Integrated Multifunction card replaces IVE/HEA
- Larger capacity 283/300Gb 15k SFF HDD
- PowerHA SystemMirror 7.1 Enterprise Edition IBM i supports SVC and Storwize V7000, Metro Mirror, Global Mirror, and FlashCopy
- IBM i for Business Intelligence is a packaged solution that delivers high-performance business intelligence. Business analytics capabilities include reporting, analysis, and dashboards. You can start with Operational Reporting and grow into a Data Warehouse.
- IBM i 7.1 Technology Refresh 3 provides new functionality for DB2, DB2 Web Query, High Availability, application development, virtualization, and more.

Note: The above and other IBM announcement letters can be found at the [IBM Offering Information](#) web site.



IBM Power Champions Announced

At the opening session of the Power Systems Technical University in Miami, FL, last week, IBM recognized 14 people as innovative thought leaders in the IBM Power Systems technical community. An IBM Champion is an IT professional, business leader, developer, or educator who influences and mentors others to help them make best use of IBM solutions and services. IBM Champions are not employees of IBM.

This inaugural group of IBM Champions for Power Systems includes many people you might recognize from the IBM i community, several of whom have an online presence. **Jon Paris** and **Susan Gantner** are educators and writers of the iDevelop blog. (cont'd on next column)

Current Offerings and Rebates

NEW! IBM i Capacity Backup (CBU) with PowerHA Offering

Receive a rebate up to \$3,000 and a service voucher when you acquire a solution that includes a selected eligible new IBM Power 720, 740, 750, 770, 780 or 795 CBU Edition server and a minimum of one IBM PowerHA SystemMirror for i Standard Edition processor license. See Announcement Letter [311-148](#) for details.

IBM Power Systems Trade-In Program:

If you acquire an eligible new IBM Power Systems server and trade in one or more designated IBM and/or non-IBM systems, you can receive a trade-in credit up to \$120,000. Eligible trade-in models include 150/170/250/270/Sxx/6xx/7xx/8xx and some Power 520 machines. See IBM Announcement Letter [311-078](#) for details.

Receive IBM i at no charge:

Save \$2,245 to \$44,000 value on a no-charge IBM i license when you move to a new qualifying Power System. [Move up to Power promo](#)

Save up to 40% on IBM i User Licenses:

If you acquire a solution that includes an eligible new IBM Power Systems server and a selected eligible new IBM i User License or a configurable model conversion to a selected eligible IBM Power Systems server and a feature addition to an existing eligible IBM i User License you acquire, you can receive a 40% discount off the One-Time Charge of the eligible new IBM i User License. Letter [310-267](#) for details.

Look for other promos at the [IBM Promotions site](#)

IBM Power Champions Announced (cont')

David Gibbs is active on many social media sites and owns and operates midrange.com.

Trevor Perry is a developer, writer, and speaker and also active in social media. **Pete Massiello** is the current President of COMMON and has been on several webcasts on IBM Power. **Roxanne Reynolds-Lair** a.k.a. @IBMiCIO, can be recognized by anyone who follows the #IBMi hashtag on Twitter, where she shares her thoughts on running a business on IBM i. And, last, but not least, **Brian May**, is an active member of the Young i Professionals (YiPs).

Meet all of the Champions at: [IBM Champions](#)

Get it now

go to ibm.com/systems/i/ or call 1 888 ShopIBM to buy direct or to locate an IBM reseller.

System Firmware, HMC, and VIOS Updates

Fix Central provides fixes and updates for your system's software, hardware, and operating system. The System Firmware consists of service processor microcode, Open Firmware microcode, SPCN microcode, and the POWER Hypervisor.

The Hardware Management Console (HMC) is a member of the IBM Systems Director platform management family. With the HMC, a system administrator can perform logical partitioning functions, service functions, and various system management functions using either the Web browser based user interface or the command line interface.

The latest versions of the System Firmware and HMC firmware can be downloaded from the [Fix Central](#) website.

Use the following steps to download an appropriate version of the System Firmware or HMC firmware that is compatible with your environment:

1. Go to [Fix Central](#)
2. Product Group: Power
3. Product: Firmware, SDMC and HMC
4. Machine type-model: Select approval machine type/model
5. Firmware, SDMC and HMC: Select System or HMC Firmware

To check to see what combinations of HMC and system firmware are supported, go to: [HMC/Firmware Support Combinations](#)

As part of PowerVM, the Virtual I/O Server (VIOS) is a software appliance with which you can associate physical resources and share these resources among multiple client logical partitions. The VIOS can use both virtualized storage and network adapters, making use of the virtual SCSI and virtual Ethernet facilities. Virtual SCSI can be used for virtual disk, virtual tape, and virtual optical devices.

To download the latest Virtual I/O Server code, follow steps 1 and 2 above, then:

3. Product: Virtualization Software
4. Product: Virtual I/O Server

IBM Power Systems and IBM i Events



[Power of i Webcast Series – Fall 2011](#)

Tools and Strategies for Developing and Refreshing Business Applications on IBM i

October 25, 2:00 p.m. Eastern/11:00 a.m. Pacific

Power up your analytics with strategies to modernize Query/400 reports

November 8, 2:00 p.m. Eastern/11:00 a.m. Pacific

Moving up to 7 – IBM i 7.1 recent announcements and POWER7 value

November 29, 2:00 p.m. Eastern/11:00 a.m. Pacific

Register at: [Power of i Webcast series](#)

IBM Cloud Luncheon

Wed., Nov. 2 11:30 a.m. – 1:30 p.m.,
Grand Rapids, MI

[Register for Grand Rapids](#)

IBM i Redbooks Web site: <http://www.redbooks.ibm.com/portals/systemi>

Recent Releases/Updates:

IBM Power 795 Technical Overview and Introduction
IBM Power 750 and 755 Technical Overview and Introduction
QLogic Ethernet and 8 Gb Fibre Channel Expansion Card (Cffh for IBM BladeCenter
IBM BladeCenter PS700, PS701, and PS702 Technical Overview and Introduction
IBM Power 770 and 780 Technical Overview and Introduction
IBM PowerVM Virtualization Managing and Monitoring
IBM Systems Director Management Console: Introduction and Overview
IBM Power 720 and 740 (8202-E4B, 8205-E6B) Technical Overview and Introduction
IBM PowerVM Virtualization Introduction and Configuration
How to Determine the Amount of Memory Used by the System Firmware from IBM i...
New Watch for Event Function for IBM i 7.1: How to Take Advantage of QSYSMSG...
Retrieve the Network Configuration of the System Manager ... from IBM i ...
Uncovering Application Runtime Expert – IBM i 7.1 DRAFT
Creating IBM i Client Partitions Using Virtual Partition Manager (VPM) DRAFT
IBM Power 710 and 730 (8231-E1C, 8231-E2C) Technical Overview and Intro DRAFT
IBM Power 720 and 740 (8202-E4C 8205-E6C) Technical Overview and Intro DRAFT
IBM Power 770 and 780 (9117-MMC, 9179-MHC) Technical Overview and Intro DRAFT

Note: If you've ever wondered about IBM ITSO residencies and perhaps considered participating in one, more information is available at <http://www.redbooks.ibm.com/residents.nsf/ResIndex/>

Published (Last Updated)

Nov. 12, 2010 (8/3/11)	REDP-4640-00
March 9, 2010 (8/11/11)	REDP-4638-00
May 6, 2009 (8/19/11)	TIPS0690
May 18, 2010 (8/30/11)	REDP-4655-00
March 18, 2010 (9/9/11)	REDP-4639-00
May 18, 2011 (9/15/11)	SG24-7590-02
April 12, 2011 (9/22/11)	SG24-7860-00
Nov. 3, 2010 (9/23/11)	REDP-4637-00
May 31, 2011 (9/24/11)	SG24-7940-04
October 6, 2011	TIPS0841
October 6, 2011	TIPS0839
October 6, 2011	TIPS0840
October 10, 2011	REDP-4805-00
October 10, 2011	REDP-4806-00
October 11, 2011	REDP-4796-00
October 11, 2011	REDP-4797-00
October 11, 2011	REDP-4798-00



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