IBM PureFlex System offers an integrated computing system

Table of contents
1 Overview
2 Key prerequisites
2 Planned availability date
3 Description
3 Announcement countries

At a glance

IBM® PureFlex™ System can:

- Improve efficiency and utilization through integration
- Optimize heterogeneous environments by providing the right architecture for the right workload
- Increase speed and dexterity at the enterprise level
- Improve control through simplicity, automation, compliance, and security
- Improve economics through faster time-to-value driven by real-time scalability
- Deliver insights faster to gain a competitive advantage

Overview

IT is moving to the strategic center of business, so organizations can no longer ignore the inefficiencies in today's approach to computing. To overcome IT inefficiencies, the model must shift to smarter computing, in which IT infrastructure enables a smarter planet. Multiple approaches exist today. Organizations are using the flexibility of general purpose systems to tune their own systems, optimizing them for the business environment. However, the time and effort to do this can be significant. Organizations are also taking advantage of the simplicity of appliances and the elasticity of cloud where those approaches make sense. Organizations require the best of all these options in one system. Influencing best practices and expertise is key.

Introducing a new category of systems: Expert integrated systems

Expert integrated systems combine the flexibility of general purpose systems and the simplicity of an appliance with integrated expertise. Expert integrated systems are based on patterns of expertise, designed to dramatically improve the responsiveness of the business. Patterns of expertise can automatically balance, manage, and optimize the elements necessary from the underlying hardware resources to help deliver and manage today's modern business processes, services, and applications. They do so by encapsulating, into a repeatable and deployable form, proven best practices and expertise gained from decades of optimizing the deployment and management of data centers, software infrastructures, and applications around the world.

IBM PureFlex System

The IBM PureFlex System provides an integrated computing system -- combining servers, enterprise storage, networking, virtualization, and management into a single structure. Its built-in expertise lets organizations simply manage and flexibly
deploy integrated patterns of virtual and hardware resources through unified management.

The PureFlex System has three preintegrated offerings to support compute, storage, and networking requirements. You can select from these offerings, which are designed for key client initiatives and help simplify the ordering and configuration of PureFlex Systems. As a result, the PureFlex System helps cut the cost, time, and complexity of system deployments.

The PureFlex System offerings are as follows:

- Express: Infrastructure for small and midsize businesses. Most affordable entry point.
- Standard: Infrastructure for application servers with supporting storage and networking.
- Enterprise: Infrastructure for scalable cloud deployments. Redundancy for resilient operation.

For complete descriptions of these offerings, formally announced today, refer to:

- IBM Flex System x240 Compute Node (8737-zxx) Hardware Announcement ZG12-0083, dated April 11, 2012
- IBM Flex System x220 Compute Node (7906-zxx) Hardware Announcement ZG12-0222, dated August 07, 2012
- IBM Flex System x440 Compute Node (7917-zxx) Hardware Announcement ZG12-0155, dated August 07, 2012
- IBM Flex System Manager Node (8731-A1x) Hardware Announcement ZG12-0106, dated April 11, 2012
- IBM Flex System V7000 Software Announcement ZG12-0304, dated November 13, 2012
- IBM Flex System V7000 Storage Node Hardware Announcement ZG12-0225, dated November 13, 2012

Key prerequisites

The components of the IBM PureFlex System are:

- IBM 42U 1100MM PureScale Dynamic Rack
- IBM Flex System Enterprise Chassis
- IBM Flex System V7000 Storage Node
- IBM Flex System x240 Compute Node
- IBM Flex System x220 Compute Node
- IBM Flex System x440 Compute Node
- IBM Flex System Manager Node
- IBM Flex System EN4093 10Gb Scalable Switch
- IBM Flex System FC3171 8Gb SAN Switch IBM
- Flex System FC5022 16Gb SAN Scalable Switch

Planned availability date

December 10, 2012 - IBM PureFlex System configurations with a single chassis
January 28, 2013 - IBM PureFlex System configurations with two or more chassis
Description

IBM PureFlex System

The IBM PureFlex System consists of predefined, preconfigured Flex System components to simplify your purchasing and provide the total Flex System integrated value proposition. There are three PureFlex System offerings available:

- IBM PureFlex System Express for smaller installations
- IBM PureFlex System Standard for application systems
- IBM PureFlex System Enterprise for database or transactional systems

A PureFlex System consists of:

- IBM 42U 1100MM PureScale Dynamic Rack
- IBM Flex System Enterprise Chassis
- IBM Flex System V7000 Storage Node
- IBM Flex System x86 Compute Nodes (x220, x240, or x440)
- IBM Flex System Manager
- IBM Flex System EN4093 10Gb Scalable Switch
- IBM Flex System FC3171 8Gb SAN Switch or IBM Flex System FC5022 16Gb SAN Scalable Switch

Additional Flex System Compute Nodes, Flex System Chassis, IBM 42U Slim Racks, and Flex System Managers can be ordered using the xConfig tool once the basic requirements for the PureFlex System are met.

When ordering those products, information on minimum configurations and options can be found in their online Sales Manuals at

   http://www.ibm.com/common/ssi

IBM PureFlex Express

IBM PureFlex Standard

IBM PureFlex Enterprise

For a complete listing of components for these offerings, refer to the xConfig tool


Announcement countries

All European, Middle Eastern, and African countries.

Trademarks

PureFlex, IBM Flex System and IBM Flex System Manager are trademarks of IBM Corporation in the United States, other countries, or both. IBM and Express are registered trademarks of IBM Corporation in the United States, other countries, or both. Other company, product, and service names may be trademarks or service marks of others.

Terms of use
IBM products and services which are announced and available in your country can be ordered under the applicable standard agreements, terms, conditions, and prices in effect at the time. IBM reserves the right to modify or withdraw this announcement at any time without notice. This announcement is provided for your information only. Reference to other products in this announcement does not necessarily imply those products are announced, or intend to be announced, in your country. Additional terms of use are located at:

Terms of use

For the most current information regarding IBM products, consult your IBM representative or reseller, or visit the IBM worldwide contacts page

http://www.ibm.com/planetwide/